



12
TUE

12 MAY 2026, TUESDAY

PROGRAMME AT A GLANCE

TRACK 1
BASIC
SCIENCE

TRACK 2
BEHAVIOURAL SCIENCE
AND PUBLIC HEALTH

TRACK 3
CHILDHOOD AND
ADOLESCENT OBESITY

TRACK 4
OBESITY MANAGEMENT
AND INTERVENTION

TIME	HALL 1 2,200 PAX	HALL 2 680 PAX	HALL 3 640 PAX	HALL 4 400 PAX	HALL 5 1,280 PAX	HALL 6 480 PAX	MEETING ROOM 36 100 PAX	EXHIBITION AREA
	EASO Teaching Workshops	EASO Teaching Workshops	EASO Teaching Workshops	EASO Teaching Workshops	EASO Teaching Workshops	EASO Teaching Workshops	EASO Teaching Workshops	
	COFFEE BREAK / EXHIBITION AREA (10:00-10:30)							
08:30-12:00	EASO Obesity Management Working Group and PCDE	EASO Nutrition Working Group and EFAD	EASO Behavioural, Psychology & Mental Health Working Group	EASO Childhood Obesity Working Group	EASO Physical Activity, Fitness and Function Working Group	EASO Sarcopenic Obesity and Obesity on Older Adults - SO3A Working Group Workshop	Basic & Discovery Science Working Group	
12:30-14:00	Topic Sessions T4 Topic Session: How to Adapt Lifestyle Intervention in Patients Using Incretin-Based OMM	Topic Sessions T2 Topic Session: Obesity Stigma: Strategies to Prevent and Reduce Obesity Stigma in Healthcare and Society	Topic Sessions T3 Topic Session: Neurodevelopmental Disorders & Obesity in Children	Topic Sessions T1 Topic Session: Deconvoluting Adipose Tissue Complexity	Accepted Symposium The Nature Medicine Commission on Data-Driven Prevention and Management of Obesity	Accepted Symposium Importance of Weight Management in Women's Health		
	LUNCH BREAK / EXHIBITION AREA (13:30-14:30)							
14:15-15:45	Abstract Sessions T4 Abstract Session: Pharmacotherapy-1	Abstract Sessions T2 Abstract Session: Food, Physical Activity and Sedentary Behavioural	Abstract Sessions T3 Abstract Session: From Genetic Blueprint To Clinical Care In Children	Abstract Sessions T1 Abstract Session: Adipose Tissue Biology, Energy Metabolism and Health	Joint Session Joint Session: International Policy Symposium	EASO Sessions EASO Session: Public Health Working Group	x	
15:45-16:15	COFFEE BREAK / EXHIBITION AREA							
16:15-17:45	Industry Supported Session Slot 1 16:15-17:45	Industry Supported Session Slot 2 16:15-17:45	Industry Supported Session Slot 3 16:15-17:45	Accepted Symposium Accepted Symposium: Pregnancy: a good time for weight-loss?	Industry Supported Session Slot 4 16:15-17:45	Accepted Symposium Accepted Symposium: Furthering our understanding of eating disorder risk during obesity treatment: Findings from the EDIT Collaboration		
17:45-18:30	Opening Plenary Session: EASO-NNF Obesity Prize for Excellence							
18:30-19:00	ECO2026 Opening Ceremony							
19:00-20:00	ECO2026 Welcome Reception							



13
WED

13 MAY 2026, WEDNESDAY

PROGRAMME AT A GLANCE

	TRACK 1 BASIC SCIENCE		TRACK 2 BEHAVIOURAL SCIENCE AND PUBLIC HEALTH		TRACK 3 CHILDHOOD AND ADOLESCENT OBESITY		TRACK 4 OBESITY MANAGEMENT AND INTERVENTION
TIME	HALL 1 2,200 PAX	HALL 2 680 PAX	HALL 3 640 PAX	HALL 4 400 PAX	HALL 5 1,280 PAX	HALL 6 480 PAX	EXHIBITION AREA
08:30-09:15	Plenary Lecture Track 1 Plenary Lecture: Machine Learning Approaches for Predicting Functional Consequences of Human Genetic Variants						
09:30-11:00	Joint Session EASD Metabolic Health Across the Lifespan: Sex- and Age-Specific Challenges	Topic Sessions T2 Topic Session: Policy Adoption & Implementation: Evidence-Driven Adoption of Public Health Policies	Topic Sessions T3 Topic Session: Obesity-Driven Tissue Dysfunction and the Road Back	Topic Sessions T1 Topic Session: Interorgan Crosstalk	Topic Sessions T4 Topic Session: Obesity in Older Adults at Risk of Disability	Joint Session ESPE	
11:00-11:30	COFFEE BREAK / EXHIBITION AREA						
11:30-13:00	Abstract Sessions T4 Abstract Session: Maintenance	Abstract Sessions T2 Abstract Session: Environment and Public Health Policy	Abstract Sessions T3 Abstract Session: From Origins to Outcomes: Lifecourse Exposures In And Across Generations	Abstract Sessions T1 Abstract Session: Organ Crosstalk in Metabolic Disease: Gut-Liver-Brain Axes and Cellular Adaptation	Abstract Sessions T4 Abstract Session: Digital Solutions to Obesity	EASO Sessions EASO-NNF NI Award Session	
13:00-14:30	LUNCH BREAK / EXHIBITION AREA (13:00-14:30)						
13:45-15:15	Industry Supported Session Slot 5 13:45-15:15	Industry Supported Session Slot 6 13:45-15:15	Industry Supported Session Slot 7 13:45-15:15		Industry Supported Session Slot 8 13:45-15:15		Posters Viewing 13:00-15:00
15:15-16:00	Plenary Lecture Track 2 Plenary Lecture: Ultra-Processed Foods: The State of the Science and Future Directions for Research and Policy	Industry Supported Session Slot 9 15:15-16:30					
16:00-16:30	COFFEE BREAK / EXHIBITION AREA						
16:30-18:00	Topic Sessions T4 Topic Session: Reframing Diagnosis and Management of Obesity	ECPO Session	Joint Session IFSO-EC	Joint Session WHO	EASO Sessions EASO Paediatric COMs	EASO Sessions EASO Early Career Network (ECN) Best Thesis Award 2026	
18:00-19:30	Industry Supported Session Slot 10 18:00-19:30	Industry Supported Session Slot 11 18:00-19:30					Track Specific Posters Networking Reception: Track 1 and Track 3 18:00-19:00



14 THU

14 MAY 2026, THURSDAY

PROGRAMME AT A GLANCE

	TRACK 1 BASIC SCIENCE		TRACK 2 BEHAVIOURAL SCIENCE AND PUBLIC HEALTH		TRACK 3 CHILDHOOD AND ADOLESCENT OBESITY		TRACK 4 OBESITY MANAGEMENT AND INTERVENTION	
TIME	HALL 1 2,200 PAX	HALL 2 680 PAX	HALL 3 640 PAX	HALL 4 400 PAX	HALL 5 1,280 PAX	HALL 6 480 PAX	EXHIBITION AREA	ECN LOUNGE
08:30-09:15	Plenary Lecture Track 3 Plenary Lecture: Double Burden of Underweight & Obesity in Children							
09:30-11:00	Topic Sessions T4 Topic Session: EASO COMs Session: OMMs - Real-world Evidence	Topic Sessions T2 Topic Session: Advanced Measurement of Movement Behavioural	Topic Sessions T3 Topic Session: Hungry by Design?	Topic Sessions T1 Topic Session: The (Epi)genomic Landscape of Obesity in 2026 and Beyond	Joint Session ESC Obesity and Cardiovascular Disease: Causal Relations and Implications for Prevention and Therapy	Joint Session EFAD		
11:00-11:30	COFFEE BREAK / EXHIBITION AREA							
11:30-13:00	Topic Sessions T4 Topic Session: Does Gender Really Matter? Gender Differences in Obesity Management	Abstract Sessions T1 Abstract Session: Novel Drugs and Mechanisms of Action	Abstract Sessions T2 Abstract Session: Eating Behaviours and Obesity	Abstract Sessions T3 Abstract Session: Pharmacotherapy in Child & Adolescent Management: Opportunities and Challenges	Abstract Sessions T4 Abstract Session: Hot Topics	Accepted Symposium Treating to Target in Obesity Care: Evolving Approaches in Obesity Management		EASO Sessions EASO - NNF 2025 Award Winners Review Session
13:45-15:15	Industry Supported Session Slot 12 13:45-15:15	Industry Supported Session Slot 13 13:45-15:15	Industry Supported Session Slot 14 13:45-15:15		Industry Supported Session Slot 15 13:45-15:15		Posters Viewing 13:00-15:00	
15:30-16:15	Plenary Lecture Track 4 Plenary Lecture: The Growing Role of Artificial Intelligence in Obesity Management							
16:15-16:45	COFFEE BREAK / EXHIBITION AREA							
16:45-18:15	Abstract Sessions T4 Abstract Session: Complications	Abstract Sessions T2 Abstract Session: Trends and Disparities in Weight Change	Abstract Sessions T1 Abstract Session: Diet, Body Composition and Cardiometabolic Complications	EASO Sessions EASO Guidelines Session	Joint Session Joint Session: EASL	Accepted Symposium TBC		
18:15-19:45	Industry Supported Session Slot 16 18:15-19:45	Industry Supported Session Slot 17 18:15-19:45					Track Specific Posters Networking Reception: Track 2 and Track 4 18:00-19:05	



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FRI

15 MAY 2026, FRIDAY

PROGRAMME AT A GLANCE

	TRACK 1 BASIC SCIENCE		TRACK 2 BEHAVIOURAL SCIENCE AND PUBLIC HEALTH		TRACK 3 CHILDHOOD AND ADOLESCENT OBESITY		TRACK 4 OBESITY MANAGEMENT AND INTERVENTION	
TIME	HALL 1 2,200 PAX	HALL 2 680 PAX	HALL 3 640 PAX	HALL 4 400 PAX	HALL 5 1,280 PAX	HALL 6 480 PAX	EXHIBITION AREA	
08:30-09:15		Special Plenary Session Neurobiological Drivers of Appetite and Reward						
09:30-11:00		Topic Sessions T1 Topic Session: Central Control of Energy Balance	Topic Sessions T2 Topic Session: Obesity & Neurodiversity (inc. ADHD, Autism)	Abstract Sessions T3 Abstract Session: Management Targets Beyond Weight in Children	Abstract Sessions T4 Abstract Session: Pharmacotherapy-2	Accepted Symposium From Guidelines to Person-Centred Integrated Care: Improving Outcomes for patients living with or at risk of Obesity-related HFpEF		
11:00-11:30	COFFEE BREAK / EXHIBITION AREA							
11:30-13:00		Topic Sessions T3 Topic Session: Obesity Treatment Across its Spectrum	Accepted Symposium New advances and insights in modelling childhood and adolescent obesity	Accepted Symposium Neural circuit origins of obesity: From developmental wiring to pharmacological rewiring	Topic Sessions T4 Topic Session: CV Risk Stratification and Intervention in People Living with Obesity	Joint Session Joint Session: AOASO		
13:00-13:45					Closing Plenary Session EASO-NNF Obesity Prize for Excellence Update Session			
13:45-14:15					Closing Ceremony			



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08:30-12:00		EASO TEACHING WORKSHOPS	
08:30-12:00	EASO OMWG and PCDE Teaching Session Obesity 360°: Guiding the Patient Journey through Primary Care		HALL 1
	Chairs: Pinar Topsever (Türkiye), Andreea Ciudin (Spain)		
08:30-11:00		PART I - FOUNDATIONS: UNDERSTANDING OBESITY AS A CHRONIC DISEASE	
08:30-09:00	Welcome & Framing the Challenge		P Topsever (Türkiye), A Ciudin (Spain)
09:00-09:30	Obesity as a Chronic Disease: Biology, Burden and Cardiometabolic Impact		G Cuatrecasas (Spain)
09:30-10:00	Managing Obesity in Primary Care: Tools, Treatments and Scalable Approaches A: Behaviour-Based Foundations		H H Mutlu, (Türkiye), B U Koban, (Türkiye)
10:00-10:30	B. Medical Treatment Options and Safety Considerations		L Arhire (Romania)
10:30-11:00		COFFEE BREAK	
11:00-12:00		PART II - INTERACTIVE, PRACTICAL AND PATIENT-CENTRED CARE	
11:00-11:30	Case-Based Roundtable: Managing Obesity in Real Life. Case 1		S Klobucar (Croatia)
11:30-12:00	Case-Based Roundtable: Managing Obesity in Real Life. Case 2		A Cebrián (Spain)
12:00-12:30	Panel Dialogue: Overcoming Barriers in Primary Care		X Cos (Spain)
08:30-12:00		EASO Nutrition Working Group: ECO2026 Teaching Session Workshop	HALL 2
08:40-10:00	Session 1: Downstream Measures: Nutritional, Functional and Psychological Considerations for Obesity Management Medications in Adults		
	Chair: Monica Bullo (Spain), Maria Wakolbinger (Austria)		
08:30-08:40	Welcome and Framing		M Bullo (Spain), M Wakolbinger (Austria)
08:40-09:00	ES04.01 Nutritional Foundations for Safe and Effective OMM Use		L Tolvanen (Sweden)
09:00-09:20	Functional Preservation During Pharmacotherapy		L Dobbie (UK)
09:20-09:40	Psychological and Equity Considerations in OMM		ECPO
09:40-10:00	Discussion and Q&A		
10:00-10:30		COFFEE BREAK	



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10:30-12:00	Session 2: Upstream Measures: Ultra-Processed Foods & Planetary Health Diets		
	Chair: Maria Wakolbinger (Austria)		
10:30-11:00	ES04.02	Ultra-Processed Foods as a Leverage Point in Obesity Prevention: From Evidence to Policy	N Khandpur (Netherlands)
11:00-11:30		Corporate Power and Child Nutrition: Lessons from the UNICEF Report Feeding Profit	K Courtney Haag (UK)
11:30-12:00	ES04.03	Translating the Planetary Health Diet into Food-Systems Action for Obesity Prevention	M Springmann (UK)
08:30-12:00	EASO Behavioural, Psychology & Mental Health Working Group The role of trauma in obesity		HALL 3
	Chairs: Amy Ahern (UK), Jason Halford (UK)		
08:30-08:50	ES01.01	Scientific Overview of Trauma in Obesity	L Hashemi (UK)
08:50-09:10	ES01.02	Trauma-Informed Obesity Care: Translating Adverse Childhood Experiences and Weight Stigma Into Clinical Practice	R Pashby (US)
09:10-09:30	ES01.03	Beyond Weight: A Trauma-Informed, Equity-First Whole-System Approach to Obesity in West Yorkshire, England	E Irving (UK)
09:30-09:50	ES01.04	More Than Weight (2025) report	L Buchanan (UK)
09:50-10:10		Lived experience	TBC
10:10-10:40	COFFEE BREAK		
	Novel 3rd Wave Approaches to Psychological Therapy		
10:40-11:05	ES01.05	Third wave psychological interventions in obesity treatment	A Beck (UK)
11:05-11:30	ES01.06	Scaling up 3 rd Wave Approaches in Obesity Management: Beyond the Clinic	L Palmeira (Portugal)
11:30-11:55		Clinical Case Studies of 3 rd Wave Approaches from the EASO Psychology, Behavioural and Mental Health Working Group	TBC
11:55-12:00		Discussion and Q&A	



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08:30-12:00	EASO Childhood Obesity Working Group		HALL 4
	Chairs:		
08:30-08:35	Welcome and introduction		
08:35-08:50	ES02.01	Childhood obesity in Turkey: prevalence and treatment landscape	A Bereket (Türkiye)
08:50-09:10	How to motivate families regarding lifestyle treatment		P Nowicka (Sweden)
09:10-09:30	What kind of lifestyle advice should we give alongside pharmacotherapy?		T Helgason (Iceland)
09:30-09:50	What does pre-diabetes mean in children? or T1DM and T2DM in pediatric obesity		A Körner (Germany)
09:50-10:10	ES02.02	Medication-induced obesity: long-term strategies and management	E van Mil (Netherlands)
10:10-10:30	Discussion and Q&A		
10:30-11:00	COFFEE BREAK		
11:00-11:20	ES02.03	What do we know about the role of intensity in physical activity?	C Cadenas (Spain)
11:20-11:40	ES02.04	Transfer from Pediatric to Adult Care: Young Adults as an Underserved Group	E van den Akker (Netherlands)
11:40-12:00	Digital addiction, screen time, and the role of social media in childhood and adolescent obesity, including management strategies such as digital detox		E Boyland (UK)
08:30-12:00	EASO Physical Activity, Fitness and Function Working Group		HALL 5
	Chairs:		
	ES05.01	Current Insights on the Impacts of Physical Activity on Adipose Tissue Biology	C Moro (France)
	Resistance Training: Impacts and Considerations in Treatment		TBC
	mHealth Interventions for Physical Activity in Chronic Disease		T Vetrovsky (CZE)
	Best Practice Physical Activity Interventions for Health		D Bessesen (US)
	Co-creation in Physical Activity Research and Practice		S Chastin (UK)



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08:30-12:00		EASO Sarcopenic Obesity and Obesity on Older Adults - SO3A Working Group Workshop		HALL 6
Session 1: Some aspects of pathophysiology of obesity in older adults				
Chairs: Luca Busetto (Italy), Volkan Yumuk (Türkiye)				
08:30-08:50	ES06.01	Mechanisms of lipid handling in muscle during positive and negative energy balance		Y Boirie (France)
08:50-09:10		Anabolic resistance in sarcopenic obesity: implications for nutrition and body composition		E Poggiogalle (Italy)
09:10-09:30		Sarcopenic obesity in Caucasian older adults: prevention, management, and clinical consequences in the PREDIMED-Plus Study		H Vazquez Lorente (Spain)
09:30-09:40	ES06.02	Prevalence of Sarcopenic Obesity in Adults with BMI ≥ 23 kg/m ² and Its Association with Cardiometabolic and Lifestyle Factors: A DEXA-Based Analysis		G Gupta (India)
09:40-10:00		Discussion and Q&A		
10:00-10:30 COFFEE BREAK				
Session 2: Management of obesity in older adults				
Chairs: Lorenzo Donini (Italy), TBC				
10:30-10:40	ES06.03	Obesity in older adults - a case study from a dietitian perspective		M Svendsen (Norway)
10:40-11:00		Physical activity and physical exercise in older adults with obesity		J Jakicic (US)
11:00-11:20	ES06.04	Obesity medications in older adults		R Barazzoni (Italy)
11:20-11:40		Optimal intake of protein during treatment with or without obesity management medications		L M Donini (Italy)
11:40-12:00		Discussion and Q&A		
08:30-12:00		Basic & Discovery Science Working Group		MEETING ROOM 36
Chairs:				
		Neuroendocrine regulation of appetite		Z Gerhart-Hines (Denmark)
		Neuro-immuno-endocrine dysfunction in obesity		M Claret (Spain)
		Exercise and appetite control		M Hopkins (UK)
		Mitochondrial dysfunction in obesity		S Heinonen (Finland)
		Adipose tissue lipolysis and metabolic health		D Langin (France)
		Adipose tissue adaptations during weight-loss in obesity: a single-cell view		K Clément (France)



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12:30-14:00

TOPIC SESSIONS

12:30-14:00

T4 Topic Session: How to Adapt Lifestyle Intervention in Patients Using Incretin-Based OMM

HALL 1

Chairs:

12:30-12:50

TS04.01

EASO/EFAD Position Statement on Nutritional Considerations for Incretin-Based Therapies in Obesity Management

L Tolvanen (Sweden)

12:50-13:10

TS04.02

Metabolic Alliance Between Physical Activity and Obesity-Related Metabolic Modulators

J Ruiz (Spain)

13:10-13:30

TS04.03

High adherence to incretin-based therapy for obesity despite adverse events: Six-month results from the Roczen high engagement digital service in state-funded (NHS) patients

L Falvey (UK)

13:30-13:50

TS04.04

Improved eating behaviours, quality of life, mental health, mobility and nutritional literacy after 9 months of Oviva digital UK Tier-3 weight management programme: a real-world data-analysis (n=1270)

L Jones (UK)

13:50-14:00

Discussion and Q&A

12:30-14:00

T2 Topic Session: Obesity Stigma: Strategies to Prevent and Reduce Obesity Stigma in Healthcare and Society

HALL 2

Chairs:

TS02.01

Obesity Stigma in Health Care Providers

S Phelan (US)

Video from ECPO: PLWO Negative Experience of Stigma in Healthcare Settings

TBC

TS02.02

Challenging Stigma in Obesity Healthcare: Lessons Learnt Across Disease States

L Nyblade (US)

Video from ECPO: PLWO Positive Experience in Healthcare Settings

TBC

TS02.03

European Obesity Management Competency Framework

F Contreras (Ireland)

12:30-14:00

T3 Topic Session: Neurodevelopmental Disorders & Obesity in Children

HALL 3

Chairs:

12:30-12:50

TS03.01

Feeding and eating disorders, obesity, and neurodevelopment: exploring associations in autistic children and young people with eating difficulties presenting at higher weight.

R Bryant-Waugh (UK)

12:50-13:10

TS03.02

Nutrition in Neurodiverse Populations

A S Olafsdottir (Iceland)

13:10-13:30

TS03.03

Weight and nutritional status in children with developmental and behavioural disorders: Implications for the need in providing multidisciplinary outpatient care

K Sim (Australia)

13:30-13:50

TS03.04

Longitudinal Evaluation of Complications of Excess Weight Clinics for children and young people living with obesity in England

T Zabula (UK)

13:50-14:00

Discussion and Q&A



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12:30-14:00	T1 Topic Session: Deconvoluting Adipose Tissue Complexity		HALL 4
	Chairs:		
12:30-12:45	TS01.01	Role of brown adipose tissue in health and disease	P Cohen (US)
12:45-13:00	TS01.02	Adipose composition during weight-loss	E Rosen (US)
13:00-13:15	TS01.03	High-throughput (in vivo) screening of visceral adipocytes to discover novel targets for safe weight loss	J Hsieh (US)
13:15-13:30	TS01.04	Extracellular vesicle secretion dynamics in human multipotent adipose-derived stem cells from donors with normal weight and obesity	K Verboven (Belgium)
13:30-13:45	TS01.05	Detailed cytoarchitectural profiling of adipocyte stem and progenitor cells reveals novel functionally specialized polarization states	M Albert (Germany)
13:45-14:00	Discussion and Q&A		
12:30-14:00	ACCEPTED SYMPOSIUM		
12:30-14:00	The Nature Medicine Commission on Data-Driven Prevention and Management of Obesity		HALL 5
	Chairs:		
12:30-12:50		An introduction to Nature Medicine Commissions	L Messin (UK)
12:50-13:10	AS01.01	The Nature Medicine Commission on Obesity: data-driven support for obesity prevention and management	P Franks (Sweden)
13:10-13:30		Global engagement for local impact in obesity decision support	S Suliman (UAE)
13:30-14:00	Discussion and Q&A		



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12:30-14:00		Importance of Weight Management in Women's Health	HALL 6
Chairs:			
12:30-12:45	AS02.01	Semaglutide Reduces Body Weight Regardless of Menopause Status: STEP and OASIS 4 Post Hoc Analysis	S Palacios (Spain)
12:45-13:00	AS02.02	Impact of Semaglutide 2.4 mg and Oral Semaglutide 25 mg on QoL in Women With Obesity: A (Post Hoc) Analysis of the STEP and OASIS Programmes by Menopausal Status	S Palacios (Spain)
13:00-13:15	AS02.03	Semaglutide Improves Cardiometabolic Risk Factors in Menopausal Women Living with MASH: A Post Hoc Analysis of the ESSENCE Trial Part 1	M F Abdelmalek (US)
13:15-13:30	AS02.04	Impact of Semaglutide 2.4mg on MACE in Perimenopausal and Postmenopausal Women With Obesity and Cardiovascular Disease	E Huvinen (Finland)
13:30-13:45	AS02.05	Body Weight Loss With Semaglutide 7.2 mg is Independent of Menopausal Status in Women With Obesity: A Post Hoc Analysis of the STEP UP Trial	E Huvinen (Finland)
13:45-14:00	AS02.06	Associations of Semaglutide, Alone or With Concomitant Menopausal Hormone Therapy, With the Onset of Menopause-Related Symptoms in a Real-World Cohort	M D Hurtado Andrade (US)
13:30-14:30	LUNCH BREAK		EXHIBITION AREA
14:15-15:45 ABSTRACT SESSIONS			
14:15-15:45		T4 Abstract Session: Pharmacotherapy-1	HALL 1
Chairs:			
14:15-14:25	AD04.01	Lung function after 16 weeks of monlunabant in adults with obesity and metabolic syndrome: Exploratory analysis of oscillometry data from a phase 2 trial	G Crater (US)
14:25-14:35	AD04.02	Time to Weight Reduction Thresholds and Their Duration with Semaglutide 7.2 mg in Adults with Obesity: A (Post Hoc) Analysis of the STEP UP Trial	G Argyrakopoulou (Greece)
14:35-14:45	AD04.03	CagriSema and Achievement of BMI and Waist-to-Height Ratio Treatment Targets: REDEFINE 1	L Busetto (Italy)
14:45-14:55	AD04.04	REDEFINE 1: Effect of CagriSema 2.4 mg/2.4 mg on Body Composition, Muscle Strength and Physical Function	E Ravussin (US)
14:55-15:05	AD04.05	Body composition (DXA) changes during 6-month withdrawal from semaglutide and/or bimagrumab treatment of adults with obesity: The BELIEVE study extension	L J Aronne (US)
15:05-15:15	AD04.06	Control of Eating With Semaglutide 7.2 mg in Adults With Obesity: The STEP UP Trial	S Wharton (Canada)
15:15-15:25	AD04.07	Body Mass Index Polygenic Risk Score Does Not Predict Weight-Loss Trajectory in Patients Treated with Tirzepatide	J D P Zurita (US)
15:25-15:45	Discussion and Q&A		



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14:15-15:45		T2 Abstract Session: Food, Physical Activity and Sedentary Behavioural	HALL 2
Chairs:			
14:15-14:30	AD02.01	Cross-sectional associations of meal timing and frequency with anthropometrics, body composition and handgrip strength in a large French cohort (the NutriNet-Santé study)	B Srouf (France)
14:30-14:45	AD02.02	Uses of Artificial Intelligence in Dietetics: a Systematic Review	L Said (Russia)
14:45-15:00	AD02.03	Trust in Lifestyle, Psychological, Medical, and 'Fad Diet' Weight-loss Methods among Finnish Adults	P Jallinoja (Finland)
15:00-15:15	AD02.04	Association between 24-hour movement behaviours and ectopic fat depots in men and women with overweight or obesity: a compositional data analysis	M Molina-Fernandez (Spain)
15:15-15:30	AD02.05	Joint Associations of Physical Activity and BMI With Hepatic Steatosis and Liver Stiffness in U.S. Adults: NHANES 2021-2023	J P Almandoz (US)
15:30-15:45	AD02.06	Screen Addiction and Its Relationship with Emotional Eating and Ultra-Processed Food Consumption among Young Adults	C Bozkır (Türkiye)
14:15-15:45		T3 Abstract Session: From Genetic Blueprint To Clinical Care In Children	HALL 3
Chairs:			
14:15-14:25	AD03.01	Identifying Clinical Predictors of Genetic Diagnosis in Children and Young People with Early-Onset and Severe Obesity	G Yan (UK)
14:25-14:35	AD03.02	Clinical and Genetic Findings in Pediatric Patients with Early-Onset Severe Obesity from the ROAD Program	A Gunay (Türkiye)
14:35-14:45	AD03.03	Real-world efficacy and safety of setmelanotide in German paediatric patients with Bardet-Biedl syndrome - changes in hyperphagia, body weight and lipid profile	T Hühne (Germany)
14:45-14:55	AD03.04	Semaglutide Treatment in Very Young Children with Monogenic Obesity due to ADCY3 and NCOA1 Variants	A T Canbaz (Türkiye)
14:55-15:05	AD03.05	X-Linked (TRPC5) Mutation Associated with Familial Early-Onset Obesity and Behavioural Disturbances	A Kahveci (Türkiye)
15:05-15:15	AD03.06	Genetic subtypes of body composition have distinct biological and clinical features throughout life-course	V Svenstrup (Denmark)
15:15-15:25	AD03.07	Dyken's Hyperphagia Questionnaire as a Screening Test for Monogenic Obesity	A Kahveci (Türkiye)
15:25-15:35	AD03.08	Establishment of the International Genetic Obesity (IGO) Registry: Background and Structure	S Zorn (Germany)
15:35-15:45		Discussion and Q&A	



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14:15-15:45		T1 Abstract Session: Adipose Tissue Biology, Energy Metabolism and Health	HALL 4
Chairs:			
14:15-14:25	AD01.01	TRPA1 channel as a modulator of glucose and lipid metabolism in a diet-induced obesity model	C D Sua Cespedes (Brazil)
14:25-14:35	AD01.02	Insulin overstimulation drives obesogenic memory in mice	M Beghini (Austria)
14:35-14:45	AD01.03	Adipocyte Morphology Is Associated with Circadian Gene Expression Patterns in Human Adipose Tissue	I Dozzani (Italy)
14:45-14:55	AD01.04	Adipose Tissue in Obesity with Metabolic Complications Exhibits a Transcriptomic Signature Associated with Impaired Fat Storage	D V Chartoumpekis (Greece)
14:55-15:05	AD01.05	Subcutaneous adipose tissue transcriptomic and proteomic signatures differ in obesity with and without type 2 diabetes - A bariatric surgery study	A K Rosales (Finland)
15:05-15:15	AD01.06	Morphological signature of hypertrophic abdominal adipose tissues in patients with severe obesity	A Tchernof (Canada)
15:15-15:25	AD01.07	Oral microbiota signatures are associated with an oral-adipose microbial axis and variability in weight-loss after bariatric surgery	C Thomas (France)
15:25-15:35	AD01.08	Opposing transcriptional patterns of mitochondrial pathways in human subcutaneous adipose tissue following VLCD or bariatric surgery	M Jänis (Finland)
15:35-15:45		Discussion and Q&A	
14:15-15:45 JOINT SESSION			
14:15-15:45		International Policy Symposium	HALL 5
Chairs:			



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14:15-15:45		EASO SESSIONS
14:15-15:45	Public Health Working Group	HALL 6
Chairs:		
14:15-14:30	Welcome and introduction to commercial determinants of obesity	J Mackenbach (Netherlands)
14:30-14:45	Commercial marketing practices	E Boyland (UK)
14:45-15:00	Commercial influences on science	L Hagensaars (Netherlands)
15:00-15:15	Corporate political and social responsibility activities	C Middel (Netherlands)
15:15-15:30	Addressing commercial determinants of obesity	TBC
15:30-15:45	Discussion and Q&A	
15:45-16:15	COFFEE BREAK	EXHIBITION AREA
16:15-17:45 INDUSTRY SUPPORTED SESSION		
16:15-17:45	Industry Supported Session 1 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 1
16:15-17:45	Industry Supported Session 2 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 2
16:15-17:45	Industry Supported Session 3 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 3
16:15-17:45	Industry Supported Session 4 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 5
16:15-17:45 ACCEPTED SYMPOSIUM		
16:15-17:45	Pregnancy: a good time for weight-loss?	HALL 4
Chairs:		
16:15-16:35	Gestational weight gain versus weight loss: what does the evidence tell us?	C L Meek (UK)
16:35-16:55	Dietary Intervention in Gestational Diabetes: is cutting calories in pregnancy safe and beneficial?	L C Kusinski (UK)
16:55-17:15	Physiology, safety and long-term consequences	S Dib (UK)
17:15-17:35	Women's perspectives: stigma, motivation and lived experience	L C Kusinski (UK)
17:35-17:45	Closing remarks: From evidence to practice: are we ready to change care?	C L Meek (UK)



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16:15-17:45	Furthering our understanding of eating disorder risk during obesity treatment: Findings from the EDIT Collaboration		HALL 6
	Chairs:		
16:15-16:30	AS04.01	Introducing the Eating Disorders In weight-related Therapy (EDIT) Collaboration	N Lister (Australia)
16:30-16:45	AS04.02	Eating disorder risk during behavioural weight management for adolescents and adults (EDIT Collaboration): A systematic review and individual participant data meta-analysis	H Jebile (Australia)
16:45-17:00	AS04.03	Individual variability in eating disorder risk during behavioural weight management interventions for adolescents and adults: Findings from the EDIT Collaboration	H Jebile (Australia)
17:00-17:15	AS04.04	Predictors of change in eating disorder risk during behavioural weight management for adolescents and adults (EDIT Collaboration): Prognostic and prediction models with individual participant data	A L Seidler (Germany)
17:15-17:30	AS04.05	Reflections on findings from the EDIT Collaboration – The lived experience perspective	F Quigley (UK)
17:30-17:45	AS04.06	Expert Panel Discussion on the findings from the EDIT Collaboration	N Lister (Australia)
17:45-18:30	Opening Plenary Session EASO–NNF Obesity Prize for Excellence		HALL 1
19:00-20:00	ECO2026 WELCOME RECEPTION		EXHIBITION AREA



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08:30-09:15		PLENARY LECTURE		
08:30-09:15		Track 1 Plenary Lecture		HALL 1
Chairs:				
08:30-09:15	PL1	Machine Learning Approaches for Predicting Functional Consequences of Human Genetic Variants		Y Itan (Israel)
09:30-11:00		JOINT SESSION		
09:30-11:00		EASD Metabolic Health Across the Lifespan: Sex- and Age-Specific Challenges		HALL 1
Chairs: Matthias Blüher (Germany), Barbara McGowan (UK)				
09:30-09:50	JS2	PCOS		B O Yildiz (Türkiye)
09:50-10:10		Menopause		A Kautzky-Willer (Austria)
10:10-10:30		Elderly		C Coelho (UK)
10:30-10:50		Men's Health		D Patel (UK)
10:50-11:00		Discussion and Q&A		
09:30-11:00		TOPIC SESSIONS		
09:30-11:00		T2 Topic Session: Policy Adoption & Implementation: Evidence-Driven Adoption of Public Health Policies		HALL 2
Chairs:				
09:30-09:55		NutriScore Overview: Ongoing Challenges and Opportunities		C Julia (France)
09:55-10:20	TS06.01	Closing the policy adoption gap in obesity prevention: from evidence to action		P von Philipsborn (Germany)
10:20-10:45	TS06.02	Improving Physical Activity policies and their impact on health eQuiTy: Learnings from six EU countries as part of the IMPAQT study		C Woods (Ireland)
10:45-11:00		Discussion and Q&A		
09:30-11:00		T3 Topic Session: Obesity-Driven Tissue Dysfunction And The Road Back		HALL 3
Chairs:				
09:30-10:00		Liver Disease		P Socha (Poland)
10:00-10:30	TS07.01	Bone and Muscle Considerations in Childhood Obesity Management		P Matusik (Poland)
10:30-11:00		Discussion and Q&A		



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09:30-11:00	T1 Topic Session: Interorgan Crosstalk	HALL 4
	Chairs:	
09:30-09:45	TS05.01 Liver-Heart Crosstalk in Cardiometabolic Diseases	G Schiattarella (Germany)
09:45-10:00	TS05.02 The role of adipose tissue-derived extracellular vesicles in inter-organ crosstalk and metabolic regulation	S Le Lay (France)
10:00-10:15	TS05.03 Oxytocin and leptin crosstalk is mediated by the supraoptic nucleus	C Galli (Italy)
10:15-10:30	TS05.04 GLP-1 receptor agonism in palmitic acid-stressed 3T3-L1 adipocytes regulates C2C12 myotube metabolism via adipocyte-myotube crosstalk	E Eralp (Germany)
10:30-10:45	TS05.05 Microbial DNA in adipose tissue promotes adipocyte dysfunction in clinical obesity	S Ismael (Portugal)
10:45-11:00	Discussion and Q&A	
09:30-11:00	T4 Topic Session: Obesity in Older Adults at Risk of Disability	HALL 5
	Chairs:	
09:30-09:55	TS08.01 Defining Frailty and Risk of Disability in People Living with Obesity	A J Cruz-Jentoft (Spain)
09:55-10:20	Nutrition and Physical Exercise Prescriptions	F Battista (Italy)
10:20-10:45	Risk/Benefit of Intensive Obesity Management in Older Adults	D Dicker (Israel)
10:45-11:00	Discussion and Q&A	
09:30-11:00	JOINT SESSION	
09:30-11:00	Joint Session with ESPE	HALL 6
	Chairs:	
09:30-09:50	Endocrine aspects in diagnosis and management of childhood obesity	E van den Akker (Netherlands)
09:50-10:10	Puberty and fertility in boys with obesity - an overlooked issue	M Yıldız (Türkiye)
10:10-10:30	Adipose tissue plasticity and neuroendocrine programming during critical developmental windows	G Colleluori (Italy)
10:30-10:50	Growth and metabolic profiles in monogenic obesity	S Zorn (Germany)
10:50-11:00	Discussion and Q&A	
11:00-11:30	COFFEE BREAK	EXHIBITION AREA



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11:30-13:00		ABSTRACT SESSIONS	
11:30-13:00		T4 Abstract Session: Maintenance	HALL 1
Chairs:			
11:30-13:00		T2 Abstract Session: Environment and Public Health Policy	HALL 2
Chairs:			
11:30-11:45	AD06.01	Mapping the dynamics that drive unhealthy food environments: a case study of Dutch food retail	C Middel (Netherlands)
11:45-12:00	AD06.02	Spatial inequalities in walkability and food environments in Turkey: an OBCT study	S Aslanhan (Türkiye)
12:00-12:15	AD06.03	Front-of-pack food labelling in the Netherlands: how a collaborative governance process shaped the Nutri-Score policy	R L J Coppens (Netherlands)
12:15-12:30	AD06.04	Nutri-Score labelling as an obesity policy in the out of home food sector: a randomised control trial in a UK restaurant setting	A Finlay (UK)
12:30-12:45	AD06.05	Modelling the health and economic impact of three potential targeted unhealthy food tax policies in the UK	P Breeze (UK)
12:45-13:00	AD06.06	The Public Health Index: Development of a Benchmarking Instrument to Assess the Implementation of Evidence-Based Public Health Policies and Its Application in 18 European Countries	P von Philipsborn (Germany)



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11:30-13:00		T3 Abstract Session: From Origins to Outcomes: Lifecourse Exposures In And Across Generations	HALL 3
Chairs:			
11:30-11:40	AD07.01	Neighborhood Food Environment in Pregnancy is Prospectively Associated with Childhood Obesity Risk	R F Chehab (US)
11:40-11:50	AD07.03	Distinct body mass index trajectories during childhood in girls with precocious puberty or premature adrenarche: a Danish nationwide register-based study	G Laerkholm (Denmark)
11:50-12:00	AD07.04	Six decades of trends in BMI, thinness, overweight, and obesity among 210,927 Swedish children in different socioeconomic contexts	M Bygdell (Sweden)
12:00-12:10	AD07.05	Longitudinal Analysis of Exposure Trajectories to Family-Based Weight Stigma and its Impact on Adolescent Psychological Well-being	D Anastasiadou (Spain)
12:10-12:20	AD07.06	The association between socioeconomic status and response to pediatric health behavior and lifestyle obesity treatment: A 3-year cohort study in Germany and Sweden	E Hagman (Sweden)
12:20-12:30	AD07.07	Demographic, clinical and quality of life profiles of children and young people attending 35 NHS Complications of Excess Weight Clinics in England: an observational study	J Matu (UK)
12:30-12:40	AD07.08	Intergenerational effects in the associations between childhood BMI trajectories and early-onset type 2 diabetes in adulthood	J Aarestrup (Denmark)
12:40-12:50	AD07.09	Trajectories of body mass index in childhood and childlessness in women	D C Pedersen (Denmark)
12:50-13:00		Discussion and Q&A	



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11:30-13:00		T1 Abstract Session: Organ Crosstalk in Metabolic Disease: Gut-Liver-Brain Axes and Cellular Adaptation	HALL 4
Chairs:			
11:30-11:40	AD05.01	Sex-and time-dependent regulation of hypothalamic extracellular matrix components during high-fat diet exposure	N F Mendes (Brazil)
11:40-11:50	AD05.02	Plasma lipid dysregulation reflecting cerebrospinal fluid profile predicts Alzheimer's disease progression	N Novau-Ferré (Spain)
11:50-12:00	AD05.03	Glucagon may be extracted across the liver by glucagon-receptor dependent mechanism, and this is impaired in an animal model of fatty liver disease	N J W Albrechtsen (Denmark)
12:00-12:10	AD05.04	Targeting mitochondrial dysfunction with essential amino acids preserves gut function during obesity and inflammation	C Ruocco (Italy)
12:10-12:20	AD05.05	Low oxygen availability induces a metabolic shift towards enhanced glucose utilization in lean and lipid-loaded HepG2 cells	G Li (Netherlands)
12:20-12:30	AD05.06	Age-Related alterations in lipid droplet morphology, subcellular localisation, and mitochondrial interaction are exacerbated by obesity	P T Morgan (UK)
12:30-12:40	AD05.07	Differentiation stage of intestinal epithelial cells IPEC-J2 determines their metabolic response to lipid overload	G Vimont (France)
12:40-12:50	AD05.08	Obesity-associated T-cell immunosenescence is partially reversible after bariatric surgery: evidence from flow cytometry and immune-age modelling	S Andre (France)
12:50-13:00		Discussion and Q&A	



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11:30-13:00		T4 Abstract Session: Digital Solutions to Obesity	HALL 5
Chairs:			
11:30-11:40	AD08.01	Digital programme engagement overcomes weight loss resistance in women with polycystic ovary syndrome (PCOS) treated with tirzepatide: a retrospective analysis of 9,066 participants from a UK digital weight loss service	H Johnson (UK)
11:40-11:50	AD08.02	Patient-reported weight loss goals predict programme retention independently of digital engagement: a retrospective analysis of 110,141 adults using tirzepatide in a UK digital weight loss service	H Johnson (UK)
11:50-12:00	AD08.03	Structured digital engagement is associated with greater real-world weight loss with Wegovy: a retrospective cohort study of 70,100 adults in a UK digital service	H Johnson (UK)
12:00-12:10	AD08.04	Comparative Economic Analysis of Response-Guided Titration of Incretin Therapies versus Standard Models: A 6-month Real-World Evaluation in an Integrated, Digital Obesity Clinic	L Falvey (UK)
12:10-12:20	AD08.05	A machine learning tool for predicting success of bariatric surgery using pre- and perioperative variables	R Marugán-Pinos (Spain)
12:20-12:30	AD08.06	Optimising a digitally delivered behavioural weight loss programme: a factorial cluster randomised controlled trial	G M Wren (UK)
12:30-12:40	AD08.07	Reduced health care resource utilisation and sick days after 9 months of Oviva digital UK Tier-3 weight management programme: a real-world data analysis (n=1270)	L Jones (UK)
12:40-12:50	AD08.08	Smart wearables as a tool for behavioral change and lifestyle coaching in the management of patients living with obesity	M Dojčárová (Slovakia)
12:50-13:00		Discussion and Q&A	
11:30-13:00 EASO SESSIONS			
11:30-13:00		EASO-NNF NI Award Session	HALL 6
Chairs:			
13:30-14:30		LUNCH BREAK	EXHIBITION AREA
13:00-15:00		POSTERS VIEWING	EXHIBITION AREA



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13:45-15:15		INDUSTRY SUPPORTED SESSION	
13:45-15:15	Industry Supported Session 5 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 1	
13:45-15:15	Industry Supported Session 6 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 2	
13:45-15:15	Industry Supported Session 7 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 3	
13:45-15:15	Industry Supported Session 8 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 5	
15:15-16:00		PLENARY LECTURE	
15:15-16:00	Track 2 Plenary Lecture	HALL 1	
15:15-16:00		Chairs: Ultra-Processed Foods: The State of the Science and Future Directions for Research and Policy S Barquera (Mexico)	
15:15-16:30		INDUSTRY SUPPORTED SESSION	
15:15-16:30	Industry Supported Session 9 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 2	
16:00-16:30		COFFEE BREAK	
16:00-16:30		EXHIBITION AREA	
16:30-18:00		TOPIC SESSIONS	
16:30-18:00	T4 Topic Session: Reframing Diagnosis and Management of Obesity	HALL 1	
16:30-18:00		Chairs: Staging and Grading A Ciudin (Spain)	



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16:30-18:00		ECPO SESSION	
16:30-18:00	ECPO Session		HALL 2
	Chairs:		
16:30-18:00		JOINT SESSION	
16:30-18:00	IFSO-EC		HALL 3
	Chairs:		
16:30-16:45	Welcome and future of obesity treatment "All hands on deck"	P Salminen (Finland), V Yumuk (Türkiye)	
16:45-17:00	Metabolic bariatric surgery (MBS) – evidence-based long-term outcomes Obesity management medications (OMMs) in the context of MBS	R Peterli (Switzerland), P Salminen (Finland)	
17:00-17:10	Q&A		
17:10-17:25	Barriers, Stigma, and Facilitators	X Ramos Salas (Sweden), ECPO	
17:25-18:00	Patient Experience: Journey & Challenges Integrating patient experience with MBS, evidence and integrative life-long program		
	Chair: Catalin Copaescu (Romania)		
17:25-17:40	Designing the Best Support System and importance of Multidisciplinary & Patient-Inclusive Approach	V Moizé (Spain), R Peterli (Switzerland)	
17:40-18:00	Closing Remarks & Next Steps	P Salminen (Finland), V Yumuk (Türkiye)	



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16:30-18:00			JOINT SESSION		
16:30-18:00	Joint Session WHO				HALL 4
	Chairs:				
16:30-18:00			EASO SESSIONS		
16:30-18:00	EASO Paediatric COMs				HALL 5
	Chairs:				
16:30-18:00	EASO Early Career Network (ECN) Best Thesis Award 2026				HALL 6
	Chairs:				
18:00-19:30			INDUSTRY SUPPORTED SESSION		
18:00-19:30	Industry Supported Session 10 For further details please visit: https://eco2026.org/?p=industry-symposia				HALL 1
18:00-19:30	Industry Supported Session 11 For further details please visit: https://eco2026.org/?p=industry-symposia				HALL 2



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18:00-19:00

POSTERS VIEWING

18:00-19:00

Track Specific Posters Networking Reception: Track 1 and Track 3

EXHIBITION AREA

18:00-18:40

Track 1 - Screen A

Screen A

Chairs:

18:00-18:05

PO1.001

Increased energy expenditure drives glucagon-mediated weight loss in mice

R E Kuhre (Denmark)

18:05-18:10

PO1.002

Withdrawal of semaglutide results in weight regain, increased alcohol intake and metabolic disorders in a diet-induced obese hamster model of MetALD

F Briand (France)

18:10-18:15

PO1.004

Late but not early exercise alleviates MASLD by promoting gut microbial conversion of lactate into short-chain fatty acids

S Zhang (Netherlands)

18:15-18:20

PO1.005

Preclinical and formulation characterisation of a novel amylin analog VRB-102 designed for co-formulation with a GLP-1 receptor agonist for the treatment of obesity and type 2 diabetes

J Francis (UK)

18:20-18:25

PO1.006

Assessing Muscle Gain and Loss from Intact Mouse Hindlimbs using High-Throughput 3D Light Sheet Imaging and Deep-learning

A Hamilton (Denmark)

18:25-18:30

PO1.007

Microbiota-derived indole-3-carboxaldehyde exerts sex-specific protective effects in a reverse translational mouse model of diet-induced obesity and fatty liver disease

A Teofilović (Serbia)

18:30-18:35

PO1.008

Establishing a 3D human hepatic spheroid model to investigate obesity-associated MASLD

B Farinha (Spain)

18:35-18:40

PO1.009

Aerobic Exercise Attenuates Brown Adipose Tissue Whitening by Modulating the Galectin-1 Axis in High-Fat Diet-Induced Obese Mice

C Huang (Taiwan)



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18:00-19:00		Track 3 - Screen A	Screen A
Chairs:			
18:00-18:05	PO3.001	Eating Inventory and Its Associations with Adiposity and Cardiometabolic Risks in Adolescents	I Aldhoon-Hainerova (CZE)
18:05-18:10	PO3.002	Effects of Liraglutide therapy on mental health status of adolescents with morbid obesity	S Draxler-Dworzak (Austria)
18:10-18:15	PO3.003	Clinical and Genetic Characteristics of Patients with Bardet-Biedl Syndrome: Experience from the Endocrinology Research Centre	O Vasyukova (Russia)
18:15-18:20	PO3.004	Health behavior clusters and their associations with central obesity among Finnish 9-12-year-olds	M Rastegar (Finland)
18:20-18:25	PO3.005	Validation of anthropometric and bioelectrical impedance equations for the prediction of fat mass amongst South African children	M T Hudda (Kuwait)
18:25-18:30	PO3.006	Correlation between body fat percentage by DEXA (Dual-Energy X-ray Absorptiometry), anthropometric indices, and metabolic comorbidities in a cohort of pediatric patients living with obesity: predictive capacity and optimal cut-off points	F D Ospina (Spain)
18:30-18:35	PO3.007	Resting energy expenditure and metabolic adaptation in adolescents with obesity treated with liraglutide: a controlled cohort study	M Ustuzhanina (Russia)
18:35-18:40	PO3.008	Obesity Prevalence Among High School Students Across Socioeconomic Groups	A Canbaz (Türkiye)
18:40-18:45	PO3.009	Recombinant Growth Hormone Improves Central Component of Sleep Apnea and Fat-Free-Mass-Index, predominant in deletion subtype of Prader-Willi syndrome children - 12 Months Outcome	P Biswas (India)
18:45-18:50	PO3.010	Setmelanotide in Bardet-Biedl syndrome: A 52-week indirect comparison of Phase 3 trial participants aged 2-5 years with a natural history cohort from the international Clinical Registry Investigating Bardet-Biedl Syndrome	I S Farooqi (UK)
18:50-18:55	PO3.011	Childhood body mass index trajectories and educational attainment, income and labor market attachment - a population-based prospective cohort study	L G Bjerregaard (Denmark)
18:55-19:00	PO3.012	GLP-1 Receptor Agonist use in Children and Young People with Severe and Complicated Obesity in 35 Specialist Weight Management Clinics in England	E Madeley (UK)



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WED

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18:00-18:55		Track 3 - Screen B	Screen B
Chairs:			
18:00-18:05	LBP3.001	Holistic Support for Children Living with Complications of Excessive Weight A Safeguarding-Led Perspective from the Under 11's Project	A George (UK)
18:05-18:10	LBP3.002	Pancreatic fat content and associations with cardiometabolic health indices in children and adolescents included in obesity treatment	M H Schmidt (Denmark)
18:10-18:15	LBP3.003	Point-of-Care Transient Elastography in Routine Paediatric Weight Management Clinics: Real-World Detection of MASLD and Metabolic Risk	P R Gokul (UK)
18:15-18:20	LBP3.004	Adolescent body mass index status and multi-morbidity in adult life among males	D Searle (Denmark)
18:20-18:25	LBP3.005	Adiposity measured by bio-impedance is not superior to anthropometry for detection of impaired cardiometabolic health in Danish children and adolescents	L A Holm (Denmark)
18:25-18:30	LBP3.006	The effect of metformin in children and adolescents with severe obesity: a real-world study	E E van der Walle (Netherlands)
18:30-18:35	LBP3.007	A Toolbox for dietary counselling during nutrient-stimulated hormone therapies in children and adolescents living with obesity	A Oberauer (Austria)
18:35-18:40	LBP3.008	Urban exposome and adolescent sleep and weight outcomes: A multi-cohort European study	S Warkentin (Spain)
18:40-18:45	LBP3.009	Patterns of Trimethylamine N-Oxide and Vascular Remodeling in Obesity Across the Lifespan	D Pescari (Romania)
18:45-18:50	LBP3.010	Mapping the Determinants of Metabolic Health and Mental Wellbeing: A Profile of the Flemish Adolescent Metabolome (FAME) Cohort	E Callemeyn (Belgium)
18:50-18:55	LBP3.011	Impact of Physical Activity Specialists on Play Implementation and Children's Psychological Readiness in Daycare Centers	E Lee (South Korea)



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08:30-09:15		PLENARY LECTURE	
08:30-09:15		Track 3 Plenary Lecture	HALL 1
Chairs:			
08:30-09:15	PL3	Double Burden of Underweight & Obesity in Children	J Baker (Denmark)
09:30-11:00		TOPIC SESSIONS	
09:30-11:00		T4 Topic Session: EASO COMs Session: OMMs - Real-world Evidence	HALL 1
Chairs:			
09:30-09:50	TS13.01	Real World Evidence from Canada	S Wharton (Canada)
09:50-10:10		Real World Evidence from Korea	J Hwa Hong (Korea)
10:10-10:30	TS13.02	Real-world evidence from Europe: a large-scale analysis of obesity drivers and clinical implications	L van Rossum (Netherlands)
10:30-10:50	TS13.03	European Delphi Consensus to Inform Screening for Obstructive Sleep Apnoea (DISC-OSA) in People with Obesity: A Mixed-Methods Modified Delphi Study	J Gordon (UK)
10:50-11:00		Discussion and Q&A	
09:30-11:00		T2 Topic Session: Advanced Measurement of Movement Behaviour	HALL 2
Chairs:			
09:30-09:50	TS11.01	Compositional analysis of 24 hour movement behaviours (Physical Activity, Sedentary Behaviour and Sleep) and obesity	S Chastin (UK)
09:50-10:10	TS11.02	Microanalysis of Movement Patterns	T Vetrovsky (CZE)
10:10-10:30	TS11.03	Empirical Dietary and Lifestyle Scores to Predict Hepatic Steatosis: Prospective Validation Using FibroScan CAP	A Nikparast (Iran)
10:30-10:50	TS11.04	Age-Specific Differences in Musculoskeletal Pain, Activity Limitation and Health-Care Utilization Among Women Living with Obesity	Ç Dikmen (Türkiye)
10:50-11:00		Discussion and Q&A	



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09:30-11:00		T3 Topic Session: Hungry by Design?	HALL 3
Chairs:			
09:30-09:50	TS12.01	Hyperphagia-Assessment and Treatment	E van den Akker (Netherlands)
09:50-10:10	TS12.02	Mapping the appetite control circuits in the human brain	G Yeo (UK)
10:10-10:30	TS12.03	The Effect of Childhood Trauma on Body Weight, Eating Attitudes and Intuitive Eating Behaviors	I Kalkan (Türkiye)
10:30-10:50	TS12.04	Feeding as a first-time father - a qualitative study with fathers of children aged 10-24 months in Sweden	P Nowicka (Sweden)
10:50-11:00		Discussion and Q&A	
09:30-11:00		T1 Topic Session The (Epi)genomic Landscape of Obesity in 2026 and Beyond	HALL 4
Chairs:			
09:30-09:45	TS10.01	Human Genetics of Obesity and Metabolic Diseases	S Farooqi (UK)
09:45-10:00	TS10.02	Genetics of obesity: where do we stand and what's next?	P Froguel (UK)
10:00-10:15	TS10.03	Organ-Specific Ectopic Fat Content Is Associated with Distinct Gut Microbiota Profiles in Obesity	A C Martín (Spain)
10:15-10:30	TS10.04	Obesity independent of genetic effects associates with decreased metabolic flexibility in ageing - a study on monozygotic twin pairs discordant for BMI	H A K Lapatto (Finland)
10:30-10:45	TS10.05	Nutritional ketosis as a modulator of accelerated ageing in obesity: an evidence-based hypothesis linking metabolic signals to the epigenetic clock	A B Crujeiras (Spain)
10:45-11:00		Discussion and Q&A	
09:30-11:00		JOINT SESSION	
09:30-11:00		ESC Obesity and Cardiovascular Disease: Causal Relations and Implications for Prevention and Therapy	HALL 5
Chairs: Ana Basto Abreu (Portugal), Barbara McGowan (UK)			
09:30-09:35		Introduction	
09:35-09:50		Unravelling the "globesity" pandemic: is obesity a disease?	A Ciudin (Spain)
09:50-10:05	JS7	What are the cardiovascular complications of obesity?	N Sattar (UK)
10:05-10:20		Can weight-loss by means of lifestyle changes or bariatric surgery improve cardiovascular outcomes?	K Koskinas (Switzerland)
10:20-10:35		Can weight-loss by means of GLP1/GIP agonists improve cardiovascular outcomes?	J Deanfield (UK)
10:35-11:00		Discussion and Q&A	



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09:30-11:00	Joint Session EFAD From Evidence to Practice: Strengthening Communication Skills and Shaping the Future of Dietetic Obesity Care in Europe		HALL 6
	Chairs: Grigoris Risvas (Greece), Maria Hassapidou (Greece)		
09:30-09:50	Communication Skills in Obesity Management. Barriers, Facilitators and Future Perspectives		P Nowicka (Sweden)
09:50-10:10	Dietitians Adherence and Perspectives on EASO and EFAD Guidelines and Recommendations for Overweight and Obesity Management		M Hassapidou (Greece)
10:10-10:30	EFAD Learning, an Education Platform for Post-Registration Training on Communication Skills and other Dietetic Competencies		G Risvas (Greece)
10:30-10:50	Dietetic obesity care in Turkey. Challenges, Opportunities and Way Forward		C Yolacan (Türkiye)
10:50-11:00	Discussion and Q&A		
11:00-11:30	COFFEE BREAK		EXHIBITION AREA
11:30-13:00	TOPIC SESSIONS		
11:30-13:00	T4 Topic Session: Does Gender Really Matter? Gender Differences in Obesity Management		HALL 1
	Chairs:		
11:30-11:55	TS14.01	Gender Concept-Female	E Huvinen (Finland)
11:55-12:20	TS14.02	Gender Concept-Male	G Muscogiuri (Italy)
12:20-12:45	TS14.03	Gender differences in Body Composition During Weight-loss and Maintenance	M C Gonzalez (Brasil)
12:45-13:00		Discussion and Q&A	



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11:30-13:00		ABSTRACT SESSIONS	
11:30-13:00		T1 Abstract Session: Novel Drugs and Mechanisms of Action	HALL 2
Chairs:			
11:30-11:40	AD11.01	ALM-601: A First-in-Class Oral USP19 Inhibitor Promoting Fat-Selective Weight-loss and Muscle Preservation in Obesity	N Page (UK)
11:40-11:50	AD11.02	In diet-induced obese rats, amylin receptor selective drug candidates lead to similar changes in fat mass and fat free mass loss than drug candidates activating both amylin and calcitonin receptors	R E Kuhre (Denmark)
11:50-12:00	AD11.03	Discovery of a Novel Bioactive Small Molecule with Dual Anti-Obesity and Anti-Diabetic Activity	D Liu (US)
12:00-12:10	AD11.04	CBL-514 An Adipocyte-Apoptosis Agent Enhances GLP-1 Induced Weight-loss and Attenuates Weight Regain In Diet-Induced Obese Rats	A Sharma (Germany)
12:10-12:20	AD11.05	Metformin counteracts potentially deleterious motile bacteria in type 2 diabetes by combining IgA-mediated containment and negative chemotaxis	K Clément (France)
12:20-12:30	AD11.06	Mechanistic pathways underlying semaglutide induced weight-loss: a multi system modelling approach	N van Riel (Netherlands)
12:30-12:40	AD11.07	Survodutide's Anti-Obesity Efficacy Requires Liver, but Not Adipose, Glucagon Receptor	C Horvath (Switzerland)
12:40-12:50	AD11.08	Pharmacological Nicotinamide N-methyltransferase inhibition improves dyslipidemia and attenuates atherosclerosis development in mice	K Yue (Netherlands)
12:50-13:00		Discussion and Q&A	
11:30-13:00		T2 Abstract Session: Eating Behaviours and Obesity	HALL 3
Chairs:			
11:30-11:45	AD12.01	Why we eat: Development and Validation of the Motivations for Eating Profile (MEP-7)	C Dakin (UK)
11:45-12:00	AD12.02	The role of cognitive functions in snacking frequency, fruit and vegetable consumption and adiposity: Findings from the UK Fenland Study	J Mueller (UK)
12:00-12:15	AD12.03	Trajectories of appetitive traits and dietary patterns from childhood to adolescence: a longitudinal analysis	A Costa (Portugal)
12:15-12:30	AD12.04	Lower subjective social status is associated with greater {ad libitum} energy intake among children and adolescents	B K Cheon (US)
12:30-12:45	AD12.05	The relationship between dietary restraint, mindful eating, and hedonic hunger in adults	D Aslan (Türkiye)
12:45-13:00	AD12.06	In the driver's (s)eat: Co-creating an intervention mix with socially vulnerable adolescents on managing food temptations	M Wuyts (Belgium)



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11:30-13:00		T3 Abstract Session: Pharmacotherapy in Child & Adolescent Management: Opportunities and Challenges	HALL 4
Chairs:			
11:30-11:40	AD13.01	Real-world Use of Reimbursed Semaglutide in Icelandic Children with Obesity: A Nationwide Longitudinal Study	S Thorsteinsdottir (Iceland)
11:40-11:50	AD13.02	Discharge ready... or not? Patient perspectives on equitable wrap-around care needs when living with severe obesity	E Ioannou (UK)
11:50-12:00	AD13.03	Integrating sleep hygiene into nutrition therapy: enhancing health outcomes in adolescents with obesity - a randomized controlled trial	H D Eğlenoğlu (Türkiye)
12:00-12:10	AD13.04	Weight-loss in adolescents living with obesity treated with semaglutide: a Real-world study	V Cimador (UK)
12:10-12:20	AD13.05	Clinical results of GLP-1 analogues and lifestyle interventions on weight, BMI and body composition in children and adolescents with obesity A prospective descriptive study	H Jaber (Sweden)
12:20-12:30	AD13.06	Changes in gut microbiota following supplementation with chitosan in adolescents with overweight or obesity: a randomized, double-blind clinical trial	F Shidfar (Iran)
12:30-12:40	AD13.07	Reversing severe persistent childhood-onset obesity: A randomised controlled trial with semaglutide-The RESETTLE Trial	J Holt (Denmark)
12:40-12:50	AD13.08	Does readiness to change predict weight-loss outcomes in children treated in a multidisciplinary obesity program? Evidence from the "6-10-14 for Health" Program in Gdańsk	P Metelska (Poland)
12:50-13:00	AD13.09	Caution is Prescribed for the American Academy of Paediatrics' Recommendations on Weight-loss Medications for Childhood Obesity	L Hagensaars (Netherlands)



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11:30-13:00		T4 Abstract Session: Hot Topics	HALL 5
Chairs:			
11:30-11:40	AD14.01	Visceral vs subcutaneous adipose tissue: which reduces first during weight loss? clinical and metabolic implications	A Lucatello (Italy)
11:40-11:50	AD14.02	New phenotypes of obesity in patients with Type 2 Diabetes based on body composition analysis by means of a skeletal CT-scan image analyzed by automatic software coupled with artificial intelligence	J Herance (Spain)
11:50-12:00	AD14.03	Food Noise in Adults with Type 1 Diabetes Mellitus: Associations with Body Mass Index, GLP-1 Receptor Agonist Therapy, and Diabetes Duration	A Alhazmi (KSA)
12:00-12:10	AD14.04	Impact of metabolic surgery on muscle composition: A longitudinal MRI study	J Linge (Sweden)
12:10-12:20	AD14.05	Metabolic adaptation to exercise as a modulating factor of a response to the complex lifestyle intervention in adults living with obesity	J Ukropec (Slovakia)
12:20-12:30	AD14.06	Identification of biological clusters based on metabolic parameters, hunger/satiety hormones and functional assessment that predict body weight change following lifestyle intervention in individuals with overweight and obesity	E Vanbrabant (Netherlands)
12:30-12:40	AD14.07	Combining Time-Restricted Eating with Supervised Exercise Improves Muscle Quality in Adults with Obesity: Preliminary Results from the TEMPUS Randomized Controlled Trial	D A Camacho-Cardenosa (Spain)
12:40-12:50	AD14.08	Beyond Body Mass Index: prognostic impact of Normal Weight Obesity in patients undergoing Transcatheter Aortic Valve Implantation	A Casirati (Italy)
12:50-13:00		Discussion and Q&A	
11:30-13:00 ACCEPTED SYMPOSIUM			
11:30-13:00		Treating to Target in Obesity Care: Evolving Approaches in Obesity Management	HALL 6
Chairs: C le Roux (Ireland), J Dunn (US)			
11:30-11:40		Changing the future for obesity care, achievements from IMI SOPHIA	D Ørsted (Denmark)
11:40-11:55		Proposed targets in Obesity Management based on an observational study	L Busetto (Italy)
11:55-12:15		Evidence for Treatment Targets from trials with Obesity pharmacotherapy	C le Roux (Ireland)
12:15-12:30		Evidence for Treatment Targets from bariatric surgery intervention	F Pattou (France)
12:30-12:45		Shaping the Future of Obesity management	D Ryan (US)
12:45-13:00		Panel Discussion	All Faculty



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11:30-13:00	EASO SESSIONS	
11:30-13:00	EASO - NNF 2025 Award Winners Review Session	ECN LOUNGE
	Chairs:	
13:30-14:30	LUNCH BREAK	EXHIBITION AREA
13:45-15:15	INDUSTRY SUPPORTED SESSION	
13:45-15:15	Industry Supported Session 12 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 1
13:45-15:15	Industry Supported Session 13 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 2
13:45-15:15	Industry Supported Session 14 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 3
13:45-15:15	Industry Supported Session 15 For further details please visit: https://eco2026.org/?p=industry-symposia	HALL 5
13:00-15:00	POSTERS VIEWING	EXHIBITION AREA
15:30-16:15	PLENARY LECTURE	
15:30-16:15	Track 4 Plenary Lecture The Growing Role of Artificial Intelligence in Obesity Management	HALL 1
	Chairs:	
15:30-16:15	The Growing Role of Artificial Intelligence in Obesity Management	U Sezerman (Türkiye)
16:00-16:30	COFFEE BREAK	EXHIBITION AREA



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16:45-18:15

ABSTRACT SESSIONS

16:45-18:15

T4 Abstract Session: Complications

HALL 1

Chairs:

16:45-17:00	AD17.01	Enhancing the Selection of Patients for Weight Management Treatment: Applying a Risk Prediction Model to Identify People with a High Risk of Developing Obesity-related Complications	M Weile (Denmark)
17:00-17:15	AD17.02	GLP-1 Receptor Agonists and Reductions of Disease Burden in Individuals with Asthma and either Overweight, Obesity or Type 2 Diabetes: A Nationwide Self-Controlled Study	K Håkansson (Denmark)
17:15-17:30	AD17.03	The effect of excess adiposity on cancer risk through insulin resistance and glucose control among adults without diabetes: a causal mediation analysis (China and UK)	X Lu (UK)
17:30-17:45	AD17.04	Inhospital Mortality and complications associated with obesity in patients hospitalized in Internal Medicine in Spain: Findings from the RECALMIN-Ob observational study	J Carretero Gomez (Spain)
17:45-18:00	AD17.05	Real-world effectiveness of tirzepatide is significantly enhanced by digital health programme engagement: a retrospective cohort study of 151,655 adults with obesity	H Johnson (UK)
18:00-18:15	AD17.06	CagriSema Reduces Predicted Atherosclerotic Cardiovascular Disease Risk in Adults With Overweight or Obesity: The REDEFINE 1 Trial	S Verma (Canada)

16:45-18:15

T2 Abstract Session: Trends and Disparities in Weight Change

HALL 2

Chairs:

16:45-17:00	AD16.01	Longitudinal associations between composite lifestyle behaviors and healthy weight maintenance	A Santalahti (Finland)
17:00-17:15	AD16.02	Midlife Weight-loss and Positive Ageing in the 1958 British Birth Cohort	C Bridger Staatz (UK)
17:15-17:30	AD16.03	Trajectories of breastfeeding in infancy and risks of obesity-related cancer in adulthood	D C Pedersen (Denmark)
17:30-17:45	AD16.04	Weight trajectories and cause-specific cancer risk: a pooled cohort study	A Nilsson (Sweden)
17:45-18:00	AD16.05	Prevalence Trends and Multidimensional Disparities in Among Younger Older Adults living with obesity in China: Analysis of Six National Physical Fitness Surveillance Data (2000-2025)	C Q Fan (China)
18:00-18:15	AD16.06	Equitable tirzepatide associated weight-loss across socioeconomic deprivation quintiles despite higher comorbidity burden in deprived communities: a retrospective analysis of 124,043 participants from a digital weight-loss service	H Johnson (UK)



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16:45-18:15	T1 Abstract Session: Diet, Body Composition and Cardiometabolic Complications		HALL 3
	Chairs:		
16:45-16:55	AD15.01	Postprandial dynamics of proglucagon-derived peptides in prediabetes and type 2 diabetes	E Tzeravini (Greece)
16:55-17:05	AD15.02	Ingestion of polystyrene nanoplastics promotes impaired glucose tolerance and fat accumulation in mice	P Jiménez López (Spain)
17:05-17:15	AD15.03	Higher Dietary Polyphenol Intake Is Associated with a Lower Risk of Short Telomeres: Evidence from the SUN Cohort Study	I Kury Guzmán (Spain)
17:15-17:25	AD15.04	Impact of chronic consumption of the artificial sweetener sucralose, as a substitute for sucrose, on vascular function following limb ischemia-reperfusion in lean or obese mice	F Pallot (France)
17:25-17:35	AD15.06	The effects of late time-restricted eating (ITRE) on energy intake, eating patterns and body composition in adults following a vegan and an unrestricted diet	Y Petkova (UK)
17:35-17:45	AD15.07	Epicardial Fat Attenuation on CT as a Predictor of Cardiovascular Mortality After Cardiac Surgery	D Tuccinardi (Italy)
17:45-17:55	AD15.08	Maternal high-fat diet shapes sex-specific metabolic responses in CCR2-deficient neonates	N Ferreira Mendes (Brazil)
17:55-18:15	Discussion and Q&A		
16:45-18:15	EASO SESSIONS		
16:45-18:15	EASO Guidelines Session		HALL 4
	Chairs:		
16:45-18:15	JOINT SESSION		
16:45-18:15	Joint Session: EASL		HALL 5
	Chairs:		
16:45-18:15	ACCEPTED SYMPOSIUM		
16:45-18:15	TBC		HALL 6
	Chairs:		



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18:15-19:45		INDUSTRY SUPPORTED SESSION	
18:15-19:45	<p>Industry Supported Session 16 For further details please visit: https://eco2026.org/?p=industry-symposia</p>	HALL 1	
18:15-19:45	<p>Industry Supported Session 17 For further details please visit: https://eco2026.org/?p=industry-symposia</p>	HALL 2	
18:00-19:05		POSTER VIEWING	
18:00-19:05	Track Specific Posters Networking Reception: Track 2 and Track 4	EXHIBITION AREA	
18:00-19:00	Track 2 - Screen A	Screen A	
Chairs:			
18:00-18:05	PO2.001	Systematic Scoping Review of Evidence Linking Weight Status and Labour Market Outcomes: Limitations in Establishing Causal Relationships	S Russell (UK)
18:05-18:10	PO2.002	Ultra-processed food consumption patterns in young adult women experiencing food insecurity: implications for BMI	G Ünal (Türkiye)
18:10-18:15	PO2.003	Information Quality and Content Characteristics of YouTube Videos on GLP-1 Agonists in South Korea	H Kim (South Korea)
18:15-18:20	PO2.004	UPDATE trial stage 2: a pre-post exploratory analysis of a behavioural support intervention to reduce ultra-processed food intake, increase minimally processed food intake, and increase physical activity in adults living with overweight or obesity	S J Dicken (UK)
18:20-18:25	PO2.005	Emotional Eating, Food Craving and Weight Loss Success in Adults in Weight Management	G D Traviss-Turner (UK)
18:25-18:30	PO2.006	Using photovoice to explore food temptations in the daily lives of socially vulnerable adolescents	L Stals (Belgium)
18:30-18:35	PO2.007	Marked under-recording of obesity in Spanish administrative health data: a 2022 multicenter analysis of hospital discharges and primary care records	A Lecube (Spain)
18:35-18:40	PO2.008	Obesity and Public Health Policy in Taiwan: Gaps Between Clinical Evidence, Cultural Norms, and Prevention Strategies	W Shen (Taiwan)
18:40-18:45	PO2.009	The WHO BMI classification system inflates the rates of overweight and obesity among adults in the general population: A public health study (18 - 98 years)	M El Ghoch (Italy)
18:45-18:50	PO2.010	External validation of available prediction models to estimate fat mass in adults from simple anthropometry in 30 countries	M T Hudda (Kuwait)
18:50-18:55	PO2.011	Comparative Analysis of the Zero Sugar Behavior Change Campaigns: 90-day (2024) vs 60-day (2025), Social Media Campaign, Uganda	K Daniel (Uganda)
18:55-19:00	PO2.012	Identifying binge eating disorder in obesity treatment: prevalence and screening tools	M M Kleppe (Norway)



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18:00-18:30		Track 2 - Screen B	Screen B
Chairs:			
18:00-18:05	LBP2.001	Association between the urban environment, parents' related concerns and perceptions, and childhood obesity and lifestyle in Barcelona, Spain	S Warkentin (Spain)
18:05-18:10	LBP2.002	Corporate political activity of the food industry in response to the development and implementation of unhealthy food marketing restrictions in Portugal: a qualitative deductive analysis	M Figueira (Portugal)
18:10-18:15	LBP2.003	Child requests for unhealthy products when food shopping: experiences of a nationally representative sample of parents in England (the PUSHED study)	M Muc (UK)
18:15-18:20	LBP2.004	Combination of Adherence to the Mediterranean Diet and Ultra-Processed Food Consumption in Relation to Body Composition: Longitudinal Analyses in Older Adults with Metabolic Syndrome	A Chávez-Zárate (Spain)
18:20-18:25	LBP2.005	Emotional Eating and Food Addiction in Women with Obesity: Associations with Anthropometric, Nutritional and Lifestyle Factors	Z S Cabadak (Türkiye)
18:25-18:30	LBP2.006	Spatial Contextual Determinants of Obesity: GIS-Based Analysis of Area-Level Exposures in Ghana	K Agyemang (Ghana)



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18:00-19:05		Track 4 - Screen A	Screen A
Chairs:			
18:00-18:05	PO4.001	Effects of early versus late time-restricted eating on body weight and body composition in adults with overweight and metabolic syndrome: a randomized controlled trial	M He (Netherlands)
18:05-18:10	PO4.002	Early Responders to Semaglutide 7.2 mg: A Post Hoc Analysis of the STEP UP Trial in Adults with Obesity	D Dicker (Israel)
18:10-18:15	PO4.003	Syndromic neurodevelopmental obesity: one-year effects of semaglutide 2.4 mg/week on eating behavior and body weight	E Guillon (France)
18:15-18:20	PO4.004	Effects of Time-Restricted Eating and Supervised Exercise on Hepatic Fat in Adults with Obesity: Preliminary Results from the TEMPUS Randomized Controlled Trial	A Clavero-Jimeno (Spain)
18:20-18:25	PO4.005	First-year BMI change after GLP-1-based treatment initiation and risk of subsequent adverse clinical outcomes	J Wilding (UK)
18:25-18:30	PO4.006	STEP UP: Final Dose Responder Analysis in Participants Randomised to Semaglutide 7.2 mg	J Hjelmæsæth (Norway)
18:30-18:35	PO4.007	Weight Loss and Blood Pressure Reduction With GLP-1 Receptor Agonists and Multi-Hormone Receptor Modulators in Overweight and Obesity: A Meta-Regression Analysis of Phase-3 Clinical Trials	M Muskiet (Netherlands)
18:35-18:40	PO4.008	CagriSema 2.4 mg/2.4 mg Improves Metabolic Syndrome in Adults With Overweight or Obesity, Without Type 2 Diabetes: A (Post Hoc) Analysis of REDEFINE 1	M Blüher (Germany)
18:40-18:45	PO4.009	Evaluating the Long-term Impact of Roux-en-Y Gastric Bypass and Tirzepatide for Weight Loss in a Population with Obesity in the United States: Initial Findings from a Patient-level Cost-utility Analysis	J M Morton (US)
18:45-18:50	PO4.010	Real-World Use and Dosing Patterns of Semaglutide for Weight Management in Denmark 2022-2025	A Pottegård (Denmark)
18:50-18:55	PO4.011	Semaglutide effects on insulin sensitivity and beta-cell function in patients with schizophrenia, prediabetes, and obesity treated with second generation antipsychotics - Findings from the HISTORI trial	A A Ganeshalingam (Denmark)
18:55-19:00	PO4.012	Real-world effectiveness and safety of semaglutide in obesity: early effects on weight loss and metabolic parameters	V Guglielmi (Italy)
19:00-19:05	PO4.013	Association Between Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) and Diabetic Complications in Individuals with Type 1 and Type 2 Diabetes: A Real-World Data Analysis	F Çetin (Türkiye)



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18:00-18:45	Track 4 - Screen B		Screen B
	Chairs:		
18:00-18:05	LBP4.001	Beyond weight loss: body composition during IVF preparation in women living with obesity receiving incretin-based therapy	D Mironova (Bulgaria)
18:05-18:10	LBP4.002	Simple anthropometric measures refine cardiac phenotyping beyond BMI in adults living with obesity	A Sanmartín-Sánchez (Spain)
18:10-18:15	LBP4.003	Distribution of Weight-Related Complications across Body Mass Index Categories in South and Southeast Asia: A Multinational, Cross-Sectional Study (WEIGHT DIVERSE)	N R Deshpande (India)
18:15-18:20	LBP4.004	Hepatic steatosis reflects fat quantity rather than body geometry in type 2 diabetes	I Vladu (Romania)
18:20-18:25	LBP4.005	Mild Hypercortisolism Identifies an Adverse Cardiometabolic Risk Phenotype in Individuals with Obesity	B Candemir (Türkiye)
18:25-18:30	LBP4.006	Relationship Between Relative Fat Mass and Stress Urinary Incontinence in Adult Women with Overweight and Obesity: Findings from NHANES 2011-2018	T Zhu (China)
18:30-18:35	LBP4.007	Short Stature in Adults with a History of Low Birth Weight Is Associated with Higher Fat Mass and Lower Muscle Mass: Findings from a 36-Year Rural Cohort Study	G I Nugraha (Indonesia)
18:35-18:40	LBP4.008	Pharmacological therapy for obesity in patients with end-stage renal disease	V Shkodkina (Russia)
18:40-18:45	LBP4.009	Beyond Cardiometabolic Complications: Multidimensional Phenotyping Reveals Under-Recognized Obesity Comorbidities Across Sex and Age	T Montoya Alvarez (Spain)



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18:00-18:45	Track 4 - Screen C		Screen C
	Chairs:		
18:00-18:05	LBP4.010	Higher bmi is associated with weight-promoting medication use: nationwide data from an evidence-based obesity screening tool	M H Huls (Netherlands)
18:05-18:10	LBP4.011	Obesity as a State of Impaired Energy Accessibility Rather Than Energy Excess: A Physiotherapy-Led Functional Gateway Study in Diet-Adherent Non-Responders with Central Obesity	S A Elsayed (Egypt)
18:10-18:15	LBP4.012	Metabolic health in response Duodenal Jejunal Bypass Liner treatment amongst different ethnicities. A retrospective analysis from an international registry	B MCGowan (UK)
18:15-18:20	LBP4.013	RES-010 is increasing GLP1-RA efficacy acting on metabolic remodeling and durable fat mass loss	R Panella (Italy)
18:20-18:25	LBP4.014	Differential Morpho-Functional and Visceral Fat Remodeling with Tirzepatide versus Semaglutide in Severe Obesity and HFpEF	M Jerez Arzola (Spain)
18:25-18:30	LBP4.015	Efficacy, tolerability and adherence to incretin-based treatment in patients with learning disability and autism spectrum disorder: real world data from a specialist weight management service	I Cruickshank (UK)
18:30-18:35	LBP4.016	Weight and Pregnancy Outcomes Before and After GLP-1 Receptor Agonist Exposure in Women of Reproductive Age	T Chukir (Qatar)
18:40-18:45	LBP4.017	Assessment of sarcopenic obesity risk in young adults with obesity	M U Çapar (Türkiye)



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08:30-09:15		SPECIAL PLENARY SESSION	
08:30-09:15	Neurobiological Drivers of Appetite and Reward		HALL 2
Chairs:			
	Neurobehavioural Drivers of Appetite and Reward		T Dalkara (Türkiye)
09:30-11:00		TOPIC SESSIONS	
09:30-11:00	T1 Topic Session: Central Control of Energy Balance		HALL 2
Chairs:			
09:30-09:45	Beyond Neurons: Decoding the Brain's Central Control of Energy Balance		C Garcia-Caceres (Germany)
09:45-10:00	TS15.01 A novel incretin-based quintuple Polyagonist for the Treatment of Obesity and Diabetes		T Müller (Germany)
10:00-10:15	TS15.02 A novel population of GLP-1-responsive GABAergic neurons in the arcuate nucleus		A Caron (Canada)
10:15-10:30	TS15.03 Rolipram, a Phosphodiesterase 4 Inhibitor, activates the sympathetic nervous system to attenuate diet-induced obesity		H V Raposo (Brazil)
10:30-10:45	TS15.04 A Multimodal Light-Sheet Rat Brain Atlas for Pharmacodynamic Mapping of Anti-Obesity Drugs		U Roostalu (Denmark)
10:45-11:00	Discussion and Q&A		
09:30-11:00	T2 Topic Session Obesity & Neurodiversity (inc. ADHD, Autism)		HALL 3
Chairs:			
09:30-09:55	TS16.01 Lessons and Recommendations from TIMESPAN: Optimizing Management of Co-occurring ADHD and Obesity		T R Quiroga (Spain)
09:55-10:20	TS16.02 Neurodevelopmental Issues in Childhood Obesity: EASO COMs Perspective		K Järsvholm (Sweden)
10:20-10:45	Patient Insights		TBC
10:45-11:00	TS16.03 Unmasking the Link: Prevalence of Undiagnosed ADHD in Women attending Obesity Clinic		R A Almuhammad (Iraq)



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09:30-11:00 ABSTRACT SESSIONS

09:30-11:00 T3 Abstract Session: Management Targets Beyond Weight in Children

HALL 4

Chairs:

09:30-09:40	AD18.01	Does the timing of physical activity across the day differ between 3-4-year-old children with normal weight or overweight?	K Uusitalo (Finland)
09:40-09:50	AD18.02	Sleep irregularity and body mass index in early childhood	E Engberg (Finland)
09:50-10:00	AD18.03	Enhancing Paediatric Lifestyle Treatment with Cognitive Training: Effects on Sleep, Quality of Life, Socio-Emotional Functioning, and Memory in Children with Overweight/Obesity	M Manco (Italy)
10:00-10:10	AD18.04	Cardiorespiratory fitness as a predictor of obesity-related morbidity in Slovak school-aged children	L Nechalová (Slovakia)
10:10-10:20	AD18.05	Lifestyle Intervention in Pediatric Obesity: Reflections on Key Determinants of Energy Balance and Leptin Sensitivity	G Furini (Italy)
10:20-10:30	AD18.06	Association of Sunlight Exposure With Gut Microbiota and Body Weight in Preschool Children: A Cross-Sectional Study	G He (China)
10:30-10:40	AD18.07	Neutral curiosity or emerging weight stigma? Preschool educators' perspectives on young children's engagement with bodies and weight	M Sjunnestrand (Sweden)
10:40-10:50	AD18.08	Smart Family Lifestyle Counselling In Childhood Obesity Prevention Is Modified By Parental Diet Quality And Weight Perception: Results From The Health4eukids Program	E Magripis (Greece)
10:50-11:00		Discussion and Q&A	

09:30-11:00 T4 Abstract Session: Pharmacotherapy-2

HALL 5

Chairs:

09:30-09:40	AD19.01	Eating less, but eating right? Dietary adequacy and meal patterns in GLP-1 RA users compared to non-users: an AI-powered real-world study	V Vinelli (Italy)
09:40-09:50	AD19.02	Beyond the Scale: Body Recomposition, Energy Expenditure, and Functional Preservation During Semaglutide Therapy in Routine Obesity Care	F Filippi Arriaga (Spain)
09:50-10:00	AD19.03	Efficacy and Safety of Semaglutide in Individuals Aged ≥65 Years: A Pooled Analysis of the STEP Trials	L Busetto (Italy)
10:00-10:10	AD19.04	Oral Semaglutide vs Orforglipron in Obesity – An Indirect Comparison	N Rathor (Denmark)
10:10-10:20	AD19.05	Relationship Between Mean CagriSema Dose and Weight Loss in the REDEFINE 1 Trial	W Garvey (US)
10:20-10:30	AD19.06	Characteristics, Attitudes and Experiences of Individuals Using Injectable Semaglutide for Obesity Management: An Interim Analysis of the OUTSTEP 1 Study	M Vallis (Canada)
10:30-10:40	AD19.07	Real-World Comparison of Short-Term Adverse Events, Treatment Persistence, and Efficacy of Tirzepatide and Semaglutide: A Nationwide Multicenter Study	A Sönmez (Türkiye)
10:40-11:00		Discussion and Q&A	



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09:30-11:00		ACCEPTED SYMPOSIUM	
09:30-11:00	From Guidelines to Person-Centred Integrated Care: Improving Outcomes for patients living with or at risk of Obesity-related HFpEF	HALL 6	
Chairs:			
09:30-09:50	AS06.01 Understanding the Interplay: Why Obesity Drives HFpEF	B Bozkurt (US)	
09:50-10:10	AS06.02 What the iCARDIO 2025 Guidelines Recommend: Diagnosis and Integrated Management	N Sattar (UK)	
10:10-10:30	AS06.03 Pharmacological Approaches in HFpEF Among People Living With Obesity: Current and Emerging Perspectives	M B Yılmaz (Türkiye)	
10:30-10:50	AS06.04 The challenge of diagnosis obesity-related HFpEF at primary care level	A M Cebrián Cuenca (Spain)	
10:50-11:00	Discussion and Q&A		
11:00-11:30	COFFEE BREAK	EXHIBITION AREA	
11:30-13:00		TOPIC SESSIONS	
11:30-13:00	T3 Topic Session: Obesity Treatment Across its Spectrum	HALL 2	
Chairs:			
11:30-11:55	TS17.01 Treatment of Monogenic and Syndromic Obesity: Current and Emerging Approaches	B Haliloğlu (Türkiye)	
11:55-12:20	TS17.02 From Primary Care to Society	L Sjögren (Sweden)	
12:20-12:45	TS17.03 The EASO childhood obesity framework: a Delphi consensus study to develop a European algorithm for diagnosis, staging and management	M Manco (Italy)	
12:45-13:00	Discussion and Q&A		



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11:30-13:00		ACCEPTED SYMPOSIUM	
11:30-13:00		New advances and insights in modelling childhood and adolescent obesity	HALL 3
		Chairs:	
11:30-11:45	AS08.01	Lifetime health care costs attributable to childhood obesity in England: a modelling study	O Onyimadu (UK)
12:15-12:30	AS08.02	Estimating heterogeneous BMI trajectories by socioeconomic status from childhood to adulthood using cross-sectional data	L Gray (UK)
11:45-12:00	AS08.03	New developments in modelling obesity among First Nations children in Australia	A Hayes (Australia)
12:00-12:15	AS08.04	Adapting a childhood obesity model to gain insights into the cost-effectiveness of obesity prevention among a high-risk, culturally diverse population	M Nure Alam (Australia)
12:30-12:45	AS08.05	Accounting for spillover effects of childhood obesity prevention initiatives on parents, caregivers and other family members in modelled health economic evaluations	P Walker (Australia)
12:45-13:00		Discussion and Q&A	
11:30-13:00		Neural circuit origins of obesity: From developmental wiring to pharmacological rewiring	HALL 4
		Chairs:	
11:30-11:55	AS07.01	Calories-to-Satiation Genetic Risk Score to Predict Differential Weight-Loss Response to Semaglutide and Phentermine-Topiramate	A Acosta (US)
11:55-12:20	AS07.02	How oxytocin wires appetite control: constructing melanocortin circuits for life	S G Bouret (France)
12:20-12:45	AS07.03	Topiramate unmasked: shutting down NPY/AgRP neurons to suppress hunger	N J Michael (Canada)
12:45-13:00		Discussion and Q&A	



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11:30-13:00 TOPIC SESSIONS

11:30-13:00	T4 Topic Session: CV Risk Stratification and Intervention in People Living with Obesity	HALL 5
	Chairs:	
11:30-11:55	Stratifying the CV Risk in People Living with Obesity: Is It Time to Include Obesity in Risk Calculators?	K C Kostinas (Greece)
11:55-12:20	Old and New CVOT Results	O Schnell (Germany)
12:20-12:45	TS18.01 Characterising patients in routine clinical practice to support use of the EASO algorithm for decision-making in obesity management	B McGowan (UK)
12:45-13:00	Discussion and Q&A	
11:30-13:00	JOINT SESSION	
11:30-13:00	Joint Session: AOASO	HALL 6
	Chairs:	
11:30-12:00	Obesity Guidelines - Lancet Commission vs EASO Framework	K K Kim (Korea)
12:00-12:30	Obesity Phenotypes - Clinical Relevance	B Mohan Makkar (India)
12:30-13:00	Asian Indian Phenotype/Sarcopenic Obesity	B Saboo (India)
13:00-13:45	EASO SESSIONS	
13:00-13:45	Closing Plenary Session	HALL 5
	Chairs:	
13:00-13:45	EASO-NNF Obesity Prize for Excellence Update Session	A Körner (Germany)
13:45-14:15	CLOSING CEREMONY	HALL 5



PLENARY LECTURES



PLENARY LECTURES

- PL1 **Machine Learning Approaches for Predicting Functional Consequences of Human Genetic Variants**
Yuval Itan
- PL3 **Double Burden of Underweight & Obesity in Children**
Jennifer Lyn Baker



EASO SESSION



EASO SESSION

- ES01.01** Scientific Overview of Trauma in Obesity
[Ladan Hashemi](#)
- ES01.02** Trauma-Informed Obesity Care: Translating Adverse Childhood Experiences and Weight Stigma Into Clinical Practice
[Robyn Pashby](#)
- ES01.03** Beyond Weight: A Trauma-Informed, Equity-First Whole-System Approach to Obesity in West Yorkshire, England
[Emmerline Irving](#)
- ES01.04** More Than Weight (2025) report
[Lisa Buchanan](#)
- ES01.05** Third wave psychological interventions in obesity treatment
[Amy R Beck](#)
- ES01.06** Scaling up 3rd Wave Approaches in Obesity Management: Beyond the Clinic
[Lara Palmeira](#)
- ES02.01** Childhood obesity in Turkey: prevalence and treatment landscape
[Abdullah Bereket](#)
- ES02.02** Medication-induced obesity: long-term strategies and management
[Edgar Gerardus Van Mil](#)
- ES02.03** What do we know about the role of intensity in physical activity?
[Cristina Cadenas-Sanchez](#)
- ES02.04** Transfer from Pediatric to Adult Care: Young Adults as an Underserved Group
[Erica van den Akker](#)
- ES04.01** Nutritional Foundations for Safe and Effective OMM Use
[Liisa Tolvanen](#)
- ES04.02** Ultra-Processed Foods as a Leverage Point in Obesity Prevention: From Evidence to Policy
[Neha Khandpur](#)
- ES04.03** Translating the Planetary Health Diet into Food-Systems Action for Obesity Prevention
[Marco Springmann](#)
- ES05.01** Current Insights on the Impacts of Physical Activity on Adipose Tissue Biology
[Cedric Moro](#)
- ES06.01** Mechanisms of lipid handling in muscle during positive and negative energy balance
[Yves Boirie](#)
- ES06.02** Prevalence of Sarcopenic Obesity in Adults with BMI ≥ 23 kg/m² and Its Association with Cardiometabolic and Lifestyle Factors: A DEXA-Based Analysis
[Gaurav Gupta](#)
- ES06.03** Obesity in older adults – a case study from a dietitian perspective
[Mette Svendsen](#)
- ES06.04** Obesity medications in older adults
[Rocco Barazzoni](#)



JOINT SESSION



JOINT SESSION

- JS2 **PCOS**
Bülent O. Yıldız
- JS7 **What are the cardiovascular complications of obesity?**
Naveed Sattar



TOPIC SESSION



TOPIC SESSION

- TS01.01 Role of brown adipose tissue in health and disease**
[Paul Cohen](#)
- TS01.02 Adipose composition during weight loss**
[Evan Rosen](#)
- TS01.03 High-throughput in vivo screening of visceral adipocytes to discover novel targets for safe weight loss**
[Joanne Hsieh](#), Jingshu Chen, Vinay Kartha, Shengping Wang, Daniel Fuentes, Linda Chio, Chris Carrico, Sam Hayward, Ian Driver, Lianna Fung, Arnav Gupta, Dmitry Popov, Hikaru Miyazaki, Dan Shao, Chase Bowman, Smitha Shambhu, Gavin Pharaoh, Sophia Ruiz, Jesi Nonora, Katie Doroschak, Arthi Vaidyanathan, Kelly Fagan, Amber Lim, Juana Cruz, Chris Towne, Francisco Leport, Martin Borch Jensen
- TS01.04 Extracellular vesicle secretion dynamics in human multipotent adipose-derived stem cells from donors with normal weight and obesity**
[Kenneth Verboven](#), Lisa Mennens, Jari Verbunt, Jocken Johan, Baharak Hosseinkhani, Ellen Blaak
- TS01.05 Detailed cytoarchitectural profiling of adipocyte stem and progenitor cells reveals novel functionally specialized polarization states**
[Maxi Albert](#), Claudia Ruffert, Sophie Weinbrenner, Amelie Geißler, Jens Stieler, Markus Morawski, Karsten Winter, Martin Gericke, Damien Ramel, Rémy Flores Flores, Dominique Langin, Matthias Blüher, Lucas Massier
- TS02.01 Obesity Stigma in Health Care Providers**
[Sean M. Phelan](#)
- TS02.02 Challenging stigma in obesity healthcare: Lessons learnt across disease states**
[Laura Nyblade](#)
- TS02.03 European Obesity Management Competency Framework**
[Francisca Contreras](#), Tak Ying Louise Ko, Carel Le Roux
- TS03.01 Feeding and eating disorders, obesity, and neurodevelopment: exploring associations in autistic children and young people with eating difficulties presenting at higher weight.**
[Rachel Bryant Waugh](#)
- TS03.02 Nutrition in Neurodiverse Populations**
[Anna S Olafsdottir](#)
- TS03.03 Weight and nutritional status in children with developmental and behavioural disorders: Implications for the need in providing multidisciplinary outpatient care**
[Kyra A Sim](#), Emily Arday, Lenina Chennariyal
- TS03.04 Longitudinal Evaluation of Complications of Excess Weight Clinics for children and young people living with obesity in England**
[Tayamika Zabula](#), Richard Mattock, Jamie Matu, Emma Madeley, Claire Griffiths, Catherine Homer, Louisa Ells, Adam Martin
- TS04.01 EASO/EFAD Position Statement on Nutritional Considerations for Incretin-Based Therapies in Obesity Management**
[Liisa Tolvanen](#)
- TS04.02 Metabolic Alliance Between Physical Activity and Obesity-Related Metabolic Modulators**
[Jonathan R Ruiz](#)
- TS04.03 High adherence to incretin-based therapy for obesity despite adverse events: Six-month results from the Roczen high engagement digital service in state-funded (NHS) patients**
Thomas Curtis, [Laura Falvey](#), Adrian Brown, Jonathan Nguyen Van Tam, Hywel Room, Siri Steinmo, Claudia Ashton, Dipesh Patel, Jonathan Kwan, Barbara McGowan
- TS04.04 Improved eating behaviours, quality of life, mental health, mobility and nutritional literacy after 9 months of Oviva digital UK Tier-3 weight management programme: a real-world data-analysis (n=1270)**
Dagmara Wozniak, Felix Schirmann, [Lucy Jones](#), Shaine Mehta, Waseem Majeed
- TS05.01 Liver-Heart Crosstalk in Cardiometabolic Diseases**
[Gabriele Schiattarella](#)
- TS05.02 The role of adipose tissue-derived extracellular vesicles in inter-organ crosstalk and metabolic regulation**
[Soazig Le Lay](#)

TOPIC SESSION

- TS05.03** **Oxytocin and leptin crosstalk is mediated by the supraoptic nucleus**
Chiara Galli, Georgia Colleluori, Simone Moretti, Stefano Di Bona, Valentina Cinquina, Roman Romanov, Jessica Perugini, Ilenia Severi, Gabriele Cruciani, Tibor Harkany, Antonio Giordano
- TS05.04** **GLP-1 receptor agonism in palmitic acid-stressed 3T3-L1 adipocytes regulates C2C12 myotube metabolism via adipocyte-myotube crosstalk**
Ece Eralp, Leonardo Matta, Nathalia Dragano, Kenneth Dyar, Martin Hrabec de Angelis
- TS05.05** **Microbial DNA in adipose tissue promotes adipocyte dysfunction in clinical obesity**
Shâmila Ismael, Carlos Vaz, Catarina Durão, Ana Tavares, Catarina Rodrigues, Maria João Almeida, Gilberto Maia Santos, Inês Castela, Francisco Cabral, Francisco Toscano, Luis Galindo, Martin Wabitsch, Diogo Pestana, João Ricardo Araújo, Marta P. Silvestre, Conceição Calhau, Ana Faria, Diana Teixeira, Cláudia Marques
- TS06.01** **Closing the policy adoption gap in obesity prevention: from evidence to action**
Peter von Philipsborn
- TS06.02** **IMproving Physical Activity policies and their impact on health eQuiTY: Learnings from six EU countries as part of the IMPAQT study.**
Catherine B. Woods, Kevin Volf, Enrique Garcia Bengoechea, Nicole Denbraver, Joanna Zukowska, Petru Sandu, Rasa Jankauskiene, Sven Messing
- TS07.01** **Bone and Muscle Considerations in Childhood Obesity Management**
Pawel Matusik
- TS08.01** **Defining Frailty and Risk of Disability in People Living with Obesity**
Alfonso Cruz Jentoft
- TS10.01** **Human Genetics of Obesity and Metabolic Diseases**
Sadaf Farooqi
- TS10.02** **Genetics of obesity: where do we stand and what's next?**
Philippe Froguel
- TS10.03** **Organ-Specific Ectopic Fat Content Is Associated with Distinct Gut Microbiota Profiles in Obesity**
Adrián Cortés Martín, Antonio Clavero-Jimeno, Alba Camacho-Cardenosa, Juan J. Martín-Olmedo, Marcos Molina Fernández, Balma Boira-Nacher, Patricia Morillo Moreno-Torres, Mara Concepción, Rafael Cabeza, Alejandro López Vázquez, Jose L. Martín Rodríguez, Jonatan Ruiz
- TS10.04** **Obesity independent of genetic effects associates with decreased metabolic flexibility in aging – a study on monozygotic twin pairs discordant for BMI**
Helena A. K. Lapatto, Jari Karppinen, Jesper Lundbom, Juho Kuula, Antti Hakkarainen, Per Henrik Groop, Jaakko Kaprio, Kirsi H. Pietiläinen, Sini Heinonen
- TS10.05** **Nutritional ketosis as a modulator of accelerated aging in obesity: an evidence-based hypothesis linking metabolic signals to the epigenetic clock**
Ana B Crujeiras, Andrea G Izquierdo, Paula M Lorenzo, Gemma Rodriguez Carnero, Ignacio Sajoux, Felipe F Casanueva
- TS11.01** **Compositional analysis of 24 hour movement behaviours (Physical Activity, Sedentary Behaviour and Sleep) and obesity**
Sebastien Fm Chastin
- TS11.02** **Microanalysis of movement patterns**
Tomas Vetrovsky
- TS11.03** **Empirical Dietary and Lifestyle Scores to Predict Hepatic Steatosis: Prospective Validation Using FibroScan CAP**
Ali Nikparast, batoul khoundabi, Elahe Etesami, Matin Ghanavati, Jalaledin Mirzay Razaz, Reza Homayounfar
- TS11.04** **Age-Specific Differences in Musculoskeletal Pain, Activity Limitation and Health-Care Utilization Among Women Living with Obesity**
Çilem Dikmen, Raziye Şavkın, Ummuhan Baş Aslan
- TS12.01** **Hyperphagia—Assessment and Treatment**
Erica van den Akker
- TS12.02** **Mapping the appetite control circuits in the human brain**
Giles Yeo



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- TS12.03 The Effect of Childhood Trauma on Body Weight, Eating Attitudes and Intuitive Eating Behaviors**
Ilknur Cimen, Indrani Kalkan
- TS12.04 Feeding as a first-time father – a qualitative study with fathers of children aged 10-24 months in Sweden**
Ylva Törner Le Priol, Nicklas Neuman, Eva Warensjö Lemming, Anna Ek, Paulina Nowicka
- TS13.01 Real World Evidence from Canada**
Sean Wharton
- TS13.02 Real-world evidence from Europe: a large-scale analysis of obesity drivers and clinical implications**
Elisabeth F.c. van Rossum
- TS13.03 European Delphi Consensus to Inform Screening for Obstructive Sleep Apnoea (DISC-OSA) in People with Obesity: A Mixed-Methods Modified Delphi Study**
Jason Gordon, Eva Lau, Kevin G Pollock, Melania Manco, Volkan Yumuk, Jennifer L Baker, Dror Dicker, Trygvi Helgason, Iskandar Idris
- TS14.01 Gender Concept - Female**
Emilia Huvinen
- TS14.02 Gender Concept - Male**
Giovanna Muscogiuri
- TS14.03 Gender Differences in Body Composition During Weight Loss and Maintenance**
Maria Cristina Gonzalez
- TS15.01 A novel incretin-based quintuple Polyagonist for the Treatment of Obesity and Diabetes**
Timo Müller
- TS15.02 A novel population of GLP-1-responsive GABAergic neurons in the arcuate nucleus**
Alexandre Caron, Olivier Lavoie, Natalie Jane Michael
- TS15.03 Rolipram, a Phosphodiesterase 4 Inhibitor, activates the sympathetic nervous system to attenuate diet-induced obesity**
Hellen Veida Raposo, Maria Amelia Montenegro, Patrik Zarpellon Barbosa, Luiza Mendonça Duarte, Michele Seixas, José Antunes Rodrigues, Ricardo Leão, Francisco José Albuquerque De Paula, Lucila Leico K Elias
- TS15.04 A Multimodal Light-Sheet Rat Brain Atlas for Pharmacodynamic Mapping of Anti-Obesity Drugs**
Sheyla Barrado Ballester, Katrine Skovgård, Heidi Kleven, Alexander Hamilton, Johanna Perens, Mario Corral Bolaños, Elena Espa, Hanna Vila Merkle, Rajmund Mokso, Carsten Gundlach, Maria Angela Cenci, Jacob Hecksher Sørensen, Anders Bjorholm Dahl, Tim B Dyrby, Trygve B Leergaard, Urmas Roostalu
- TS16.01 Lessons and Recommendations from TIMESPAN: Optimizing Management of Co-occurring ADHD and Obesity**
Josep Antoni Ramos-Quiroga
- TS16.02 Neurodevelopmental Issues in Childhood Obesity: EASO COMs Perspective**
Kajsa Järholm
- TS16.03 Unmasking the Link: Prevalence of Undiagnosed ADHD in Women attending Obesity Clinic**
Rana Abdulsalam Almuhammad
- TS17.01 Treatment of Monogenic and Syndromic Obesity: Current and Emerging Approaches**
Belma Haliloglu
- TS17.02 From Primary Care to Society**
Lovisa Sjogren
- TS17.03 The EASO childhood obesity framework: a Delphi consensus study to develop a European algorithm for diagnosis, staging and management**
Melania Manco, Jennifer Baker, Andrew Agbaje, Trygvi Helgason, Antje Körner, Paulina Nowicka, Grace O'malley, Cristina Cadenas Sanchez, Jason Gordon
- TS18.01 Characterising patients in routine clinical practice to support use of the EASO algorithm for decision-making in obesity management**
Barbara McGowan, Hironori Waki, Eva Lesén, Magnus Bjursell, Laura Davis, Deborah B. Horn



ACCEPTED
SYMPOSIUM



ACCEPTED SYMPOSIUM

- AS01.01** **The Nature Medicine Commission on Obesity: data-driven support for obesity prevention and management**
Paul Franks
- AS02.01** **Semaglutide Reduces Body Weight Regardless of Menopause Status: STEP and OASIS 4 Post Hoc Analysis**
Maria Daniela Hurtado Andrade, Rebecca Dunsmoor Su, Emilia Huvinen, Naveen Rathor, Nanette Santoro, Lauren Wilson, Sushmita Yaganti, Santiago Palacios
- AS02.02** **Impact of Semaglutide 2.4 mg and Oral Semaglutide 25 mg on QoL in Women With Obesity: A Post Hoc Analysis of the STEP and OASIS Programmes by Menopausal Status**
Maria Daniela Hurtado Andrade, Rebecca Dunsmoor-Su, Emilia Huvinen, Naveen Rathor, Nanette Santoro, Lauren Wilson, Sushmita Yaganti, Santiago Palacios
- AS02.03** **Semaglutide Improves Cardiometabolic Risk Factors in Menopausal Women Living with MASH: A Post Hoc Analysis of the ESSENCE Trial Part 1**
Manal F. Abdelmalek, Maria Teresa Arias Loste, Burak Demirel, Gema Frühbeck, Anja Geerts, Lise Lotte Gluud, Laura Ladron De Guevara, Ewa Janczewska, Ole Kleist Jeppesen, Claudia Oliveira, Mary E. Rinella, Giada Sebastiani, Anca Trifan, Thea Cæcilie Vestergaard, Elisabetta Bugianesi
- AS02.04** **Impact of Semaglutide 2.4mg on MACE in Perimenopausal and Postmenopausal Women With Obesity and Cardiovascular Disease**
Emilia Huvinen, Erin D. Michos, Deborah B. Horn, Søren Fjelstrup, Naveen Rathor, Andrea Traina, Lauren Wilson, Maria Daniela Hurtado Andrade, Ildiko Lingway
- AS02.05** **Body Weight Loss With Semaglutide 7.2 mg is Independent of Menopausal Status in Women With Obesity: A Post Hoc Analysis of the STEP UP Trial**
Emilia Huvinen, Christine Sofie Fuchs Jacobsen, Agnieszka Klimek Abercrombie, Hadar Milloh Raz, Megha Poddar, Lauren Wilson, Santiago Palacios
- AS02.06** **Associations of Semaglutide, Alone or With Concomitant Menopausal Hormone Therapy, With the Onset of Menopause-Related Symptoms in a Real-World Cohort**
Maria Daniela Hurtado Andrade, Cathrine Fønnesbech Hjorth, Nerissa Nance, Henrik Toft Sørensen, Altnai Satylganova
- AS03.01** **Low gestational weight gain and pregnancy outcomes, postnatal growth and breastfeeding in women with gestational diabetes**
Sarah Dib, Laura Caroline Kusinski, Richard Powell, Danielle Louise Jones, Emanuella De Lucia Rolfe, Roy Taylor, Claire Louise Meek
- AS03.02** **Low carbohydrate diets, nutritional adequacy, glycaemia and perinatal outcomes in women with gestational diabetes; A DiGest trial secondary analysis**
Sarah Dib, Ehtasham Ahmed, Danielle Louise Jones, Linda Oude Griep, Laura Caroline Kusinski, Claire Louise Meek
- AS03.03** **Energy restriction, weight loss, glycemia, and breastfeeding outcomes in gestational diabetes: a DiGest trial secondary analysis**
Sarah Dib, Laura Caroline Kusinski, Danielle Louise Jones, Nooria Atta, Suzanne Smith, Emanuella De Lucia Rolfe, Helen R Murphy, Roy Taylor, Claire Louise Meek
- AS03.04** **Experience and acceptability of a reduced-energy whole diet intervention in women with gestational diabetes; A qualitative study of the DiGest trial**
Laura Caroline Kusinski, Sarah Dib, Suzanne Smith, Danielle Louise Jones, Amy L Ahern, Claire Louise Meek
- AS03.05** **Reduced energy diet in women with gestational diabetes: the dietary intervention in gestational diabetes (DiGest) randomised clinical trial**
Laura Caroline Kusinski, Danielle Louise Jones, Nooria Atta, Elizabeth Turner, Suzanne Smith, Linda Oude Griep, Kirsten Rennie, Emanuella De Lucia Rolfe, Stephen J Sharp, Vern Farewell, Helen Murphy, Roy Taylor, Claire Louise Meek
- AS04.01** **Introducing the Eating Disorders In weight-related Therapy (EDIT) Collaboration**
Natalie Lister
- AS04.02** **Eating disorder risk during behavioural weight management for adolescents and adults (EDIT Collaboration): A systematic review and individual participant data meta-analysis**
Hiba Jebelle, Sol Libesman, Louise A Baur, Sarah P Garnett, Kylie E Hunter, Isabelle R Jardine, Rabia Khalid, Sasha J Lorien, Hannah Melville, David Nguyen, Anna L Seidler, Natalie B Lister



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- AS04.03** **Individual variability in eating disorder risk during behavioural weight management interventions for adolescents and adults: Findings from the EDIT Collaboration**
Hiba Jebeile, Sol Libesman, Louise A Baur, Sarah P Garnett, Kylie E Hunter, Isabelle R Jardine, Jie Kang, Rabia Khalid, Sasha J Lorian, Hannah Melville, David Nguyen, Anna L Seidler, Natalie B Lister
- AS04.04** **Predictors of change in eating disorder risk during behavioural weight management for adolescents and adults (EDIT Collaboration): Prognostic and prediction models with individual participant data**
Sol Libesman, Hiba Jebeile, Louise A Baur, Sarah P Garnett, Kylie E Hunter, Isabelle R Jardine, Rabia Khalid, Sasha J Lorian, Hannah Melville, David Nguyen, Natalie B Lister, [Anna L Seidler](#)
- AS04.05** **Reflections on findings from the EDIT Collaboration – The lived experience perspective**
[Fiona Quigley](#)
- AS04.06** **Expert Panel Discussion on the findings from the EDIT Collaboration**
Natalie Lister, Amy L Ahern, Louise A Baur, Yngvild S Danielson, Theodore K Kyle, Milan K Piya, Fiona Quigley, Anna L Seidler, Hiba Jebeile
- AS05.01** **SOPHIA and treatment targets in obesity Symposium proposal for ECO 2026**
[Carel Le Roux](#)
- AS06.01** **Understanding the Interplay: Why Obesity Drives HFpEF**
[Biykem Bozkurt](#)
- AS06.02** **What the iCARDIO 2025 Guidelines Recommend: Diagnosis and Integrated Management**
[Naveed Sattar](#)
- AS06.03** **Pharmacological Approaches in HFpEF Among People Living With Obesity: Current and Emerging Perspectives**
[Mehmet Birhan Yilmaz](#)
- AS06.04** **The challenge of diagnosis obesity-related HFpEF at primary care level**
[Ana María Cebrián Cuenca](#)
- AS07.01** **Calories-to-Satiation Genetic Risk Score to Predict Differential Weight-Loss Response to Semaglutide and Phentermine-Topiramate**
Michael Romanos, Jose Villamarin, Juan Martin Garcia Cordova, Juan Diego Pazmino Zurita, Mateo Alzamora, Timothy O'connor, Serban Ciotlos, Alison Mcrae, Maria D Hurtado, Donald Hensrud, Janet Olson, [Andres Acosta](#)
- AS07.02** **How oxytocin wires appetite control: constructing melanocortin circuits for life**
[Sebastien G Bourret](#)
- AS07.03** **Topiramate unmasked: shutting down NPY/AgRP neurons to suppress hunger**
[Natalie Jane Michael](#), Moein Mimbashi Moeini, Olivier Lavoie, Alexandre Caron, Kevin W. Williams
- AS08.01** **Lifetime health care costs attributable to childhood obesity in england: a modelling study**
[Olu Onyimadu](#), Stavros Petrou, Nerys Astbury, Mara Violato, Alison Hayes
- AS08.02** **Estimating heterogeneous BMI trajectories by socioeconomic status from childhood to adulthood using cross sectional data**
[Laura Gray](#), Penny Breeze
- AS08.03** **New developments in modelling obesity among First Nations children in Australia**
[Alison Hayes](#), Anagha Killedar, Kirsten Howard, Li Ming Wen, Mohammad Nure Alam, Louise Baur, Michelle Dickson, Simone Sherriff, Winnie Chen
- AS08.04** **Adapting a childhood obesity model to gain insights into the cost-effectiveness of obesity prevention among a high-risk, culturally diverse population**
[Mohammad Nure Alam](#), Anagha Killedar, Winnie Chen, Kirsten Howard, Alison Hayes
- AS08.05** **Accounting for spillover effects of childhood obesity prevention initiatives on parents, caregivers and other family members modelled health economic evaluations**
[Pippy Walker](#), Anagha Killedar, Vicki Brown, Kirsten Howard, Alison Hayes



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- AD01.01** **TRPA1 channel as a modulator of glucose and lipid metabolism in a diet-induced obesity model**
Cristhian David Sua Cespedes, Leticia Menezes Vasconcelos, Julia Santos Braulino, Miriane Avelino Da Silva, Giovanna Zanetti, José Thalles Lacerda, Ana Maria Castrucci
- AD01.02** **Insulin overstimulation drives obesogenic memory in mice**
Marianna Beghini, Oliver Koldyka, Julian Trummer, Cécile Philippe, Alexandra Kautzky Willer, Thomas Scherer, Clemens Fürnsinn
- AD01.03** **Adipocyte Morphology Is Associated with Circadian Gene Expression Patterns in Human Adipose Tissue**
Ivan Dozzani, María Rodríguez Martín, Marta Garaulet
- AD01.04** **Adipose Tissue in Obesity with Metabolic Complications Exhibits a Transcriptomic Signature Associated with Impaired Fat Storage**
Dimitrios Tsoumas, George Lagoumintzis, George Skroubis, Dionysios V Chartoumpakis
- AD01.05** **Subcutaneous adipose tissue transcriptomic and proteomic signatures differ in obesity with and without type 2 diabetes – A bariatric surgery study**
Ana Kontro Rosales, Jari E. Karppinen, James W. White, Seung Hyuk Tony Lee, Maheswary Muniandy, Birgitta van der Kolk, Matti Jänis, Tuure Saarinen, Neil G. Docherty, Päivi Pajukanta, Anne Juuti, Kirsi H. Pietiläinen, Sini Heinonen
- AD01.06** **Morphological signature of hypertrophic abdominal adipose tissues in patients with severe obesity**
Andre Tchernof, Catherine Thibodeau, Alicia Laganieri, Marie Frederique Gauthier, Felix Marcotte, Alexandre Caron, Simon Marceau, Laurent Biertho
- AD01.07** **Oral microbiota signatures are associated with an oral-adipose microbial axis and variability in weight loss after bariatric surgery**
Charlotte Thomas, Sylvie Lè, Matthieu Minty, Swann Diemer, Pascale Loubières, Thibault Canceill, Remy Burcelin, Géraud Tuyeras, Vincent Blasco Baque
- AD01.08** **Opposing transcriptional patterns of mitochondrial pathways in human subcutaneous adipose tissue following VLCD or bariatric surgery**
Matti Jänis, Jari E. Karppinen, Tuure Saarinen, Ulla Säiläkivi, Anne K. Penttilä, Seung Hyuk Tony Lee, Anne Juuti, Paivi Pajukanta, Kirsi H. Pietiläinen, Sini Heinonen
- AD02.01** **Cross-sectional associations of meal timing and frequency with anthropometrics, body composition and handgrip strength in a large French cohort (the NutriNet-Santé study)**
Viktoria Feit, Elena Obeid, Jérémy Vanhelst, Léopold K Fezeu, Alice Bellicha, Emma Guyonnet, Victor Desplats, Mathilde Tournier, Isabelle Mack, Jean Michel Oppert, David Jacobi, Norbert Schmitz, Bernard Srour
- AD02.02** **Uses of Artificial Intelligence in Diagnostics: a Systematic Review**
Liliane Said, Victoria Kurmanova, Veronika Golikova, Ekaterina Nikolaeva, Elina Magaramova
- AD02.03** **Trust in Lifestyle, Psychological, Medical, and 'Fad Diet' Weight Loss Methods among Finnish Adults**
Piia Jallinoja
- AD02.04** **Association between 24-hour movement behaviours and ectopic fat depots in men and women with overweight or obesity: a compositional data analysis**
Marcos Molina-Fernandez, Antonio Clavero-Jimeno, Jairo H. Migueles, Alba Camacho-Cardenas, Manuel Dote-Montero, Juan J. Martin-Olmedo, Balma Boira-Nacher, Adrián Cortés-Martín, José L. Martín-Rodríguez, Maddi Oses, Mara Concepción, María Medrano, Idoia Labayan, Jonatan R. Ruiz
- AD02.05** **Joint Associations of Physical Activity and BMI With Hepatic Steatosis and Liver Stiffness in U.S. Adults: NHANES 2011–2023**
Subin Jang, Deepali K Ernest, Azucena Herrera Chanca, Jackson Francis, Matthew S Mathew, Sophia Ngenge, Sarah E Messiah, Jaime P Almandoz
- AD02.06** **Screen Addiction and Its Relationship with Emotional Eating and Ultra-Processed Food Consumption among Young Adults**
Büşra Hökelek, Cigdem Bozkir
- AD03.01** **Identifying Clinical Predictors of Genetic Diagnosis in Children and Young People with Early-Onset and Severe Obesity**
Georgina Yan, Elizabeth Van Boxel, Nikki Davis

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- AD03.02 Clinical and Genetic Findings in Pediatric Patients with Early-Onset Severe Obesity from the ROAD Program**
Aylin Gunay, Ahmet Kahveci, Ilknur Kurt, Elif Kelestemur, Aylin Tugba Canbaz, Yunus Emre Gunes, Hulya Kahraman, Abdullah Bereket, Belma Haliloglu
- AD03.03 Real-world efficacy and safety of setmelanotide in German paediatric patients with Bardet-Biedl syndrome – changes in hyperphagia, body weight and lipid profile**
Tom Hühne, Josephine Holland, Emma Steidel, Lars Dinkelbach, Lars Pape, Metin Cetiner
- AD03.04 Semaglutide Treatment in Very Young Children with Monogenic Obesity due to ADCY3 and NCOA1 Variants**
Aylin Tugba Canbaz, Ahmet Kahveci, Ilknur Kurt, Senol Demir, Bilgen Bilge Geckinli, Abdullah Bereket, Belma Haliloglu
- AD03.05 X-Linked TRPC5 Mutation Associated with Familial Early-Onset Obesity and Behavioural Disturbances**
Ahmet Kahveci, Aylin Tugba Canbaz, Neslihan Gökçe Yazgılı Kahveci, Zeynep Munteha Baser, Abdullah Bereket, Belma Haliloglu
- AD03.06 Genetic subtypes of body composition have distinct biological and clinical features throughout life course**
Victor Svenstrup, Laura B. L. Wittemans, Yingchang (Kevin) Lu, Hanieh Yaghootkar, Daiane Hemerich, Roelof A. J. Smit, Zhe (ji) Wang, Siddhi Jain, Nathalie Chami, Tuomas O. Kilpelainen, Thouis R. Jones, Melina Claussnitzer, Karen L. Mohlke, Cecilia M. Lindgren, Claudia Langenberg, Ruth J. F. Loos
- AD03.07 Dykens' Hyperphagia Questionnaire as a Screening Test for Monogenic Obesity**
Ahmet Kahveci, Duygu Yilmaz, Selin Uzun Karazum, Ummahan Tercan, Behiye Sarikaya Ozdemir, Hatice Nursoy, Emre Sarikaya, Elif Evis, Baris Kolbasi, Hazal Canbaz Ozdemir, Abdullah Bereket, Elif Sagsak, Belma Haliloglu, National Monogenic Obesity Group
- AD03.08 Establishment of the International Genetic Obesity (iGO) Registry: Background and Structure**
Stefanie Zorn, Kim Ulrich, Laura Rupp, Erica Van Den Akker, Béatrice Dubern, Peter Kühnen, Jesús Argente, Sadaf Farooqi, Martin Wabitsch, Julia Von Schnurbein
- AD04.01 Lung function after 16 weeks of monlanabant in adults with obesity and metabolic syndrome: Exploratory analysis of oscillometry data from a phase 2 trial**
Glenn Crater, Oscar Birkhan, Ofir Frenkel, Filip K Knop, Luise Cederqvist, Karine Lalonde, Carolyn Morris, Anne Dixon
- AD04.02 Time to Weight Reduction Thresholds and Their Duration with Semaglutide 7.2 mg in Adults with Obesity: A Post Hoc Analysis of the STEP UP Trial**
Georgia Argyrakopoulou, Christine S. Fuchs Jacobsen, Swathi Gopal, Deborah B. Horn, Maria Quiroga, John B. Buse
- AD04.03 CagriSema and Achievement of BMI and Waist-to-Height Ratio Treatment Targets: REDEFINE 1**
Luca Busetto, Cynthia Karenina Osorto Contreras, Mikkel Hovden Christensen, Deborah Horn, Carel W. Le Roux, Barbara Mcgowan, Claire Prener Miller, W. Timothy Garvey
- AD04.04 REDEFINE 1: Effect of CagriSema 2.4 mg/2.4 mg on Body Composition, Muscle Strength and Physical Function**
Eric Ravussin, Cynthia Karenina Osorto Contreras, Gema Frühbeck, Christoffer Andersen Hagemann, Alexander Miras, John Morton, Niels Zeuthen, Carla M. Prado
- AD04.05 Body composition (DXA) changes during 6-month withdrawal from semaglutide and/or bimagrumab treatment of adults with obesity: The BELIEVE study extension**
Louis J. Aronne, Steven B Heysfield, Lloyd B Klickstein, Laura A Coleman, Kiran Dole, Susan Spruill, Megan H Murray, Kenneth M Attie
- AD04.06 Control of Eating With Semaglutide 7.2 mg in Adults With Obesity: The STEP UP Trial**
Sean Wharton, Suhas Bhat, Michelle Dalton, Jøran Hjelmæsæth, Ildiko Lingvay, Maria De Los Angeles Quiroga Peláez, Niklas Kahr Rasmussen, Julio Rosenstock, Jena S. Tronieri, W. Timothy Garvey
- AD04.07 Body Mass Index Polygenic Risk Score Does Not Predict Weight-Loss Trajectory in Patients Treated with Tirzepatide**
Juan Diego Pazmino Zurita, Jose Villamarin, Juan Martin Garcia Cordova, Michael Romanos, Mateo Alzamora, Alison Mcrae, Megan Schaefer, Jan B Egan, Hugues B Sicotte, Tony Luehrs, Maria D Hurtado Andrade, Timothy D O'connor, Robert A Vierkant, Michael Camilleri, Donald D Hensrud, Shulan Tian, Konstantinos N Lazaridis, Janet E Olson, Andres Acosta



ABSTRACT SESSIONS

- AD05.01** **Sex- and time-dependent regulation of hypothalamic extracellular matrix components during high-fat diet exposure**
Giovanna Ariozi Dos Santos, Larissa Da Silva Bergantini, Igor Vinicius Sousa Cavalheiro, Vinicius Stefanini Mantovan, Licio Augusto Velloso, [Natalia Ferreira Mendes](#)
- AD05.02** **Plasma lipid dysregulation reflecting cerebrospinal fluid profile predicts Alzheimer's disease progression**
[Nil Novau-Ferré](#), Laura Panisello, Pablo García González, Javier Mateu-Fabregat, Jose L. Cantero, Mercedes Atenza, Mercè Boada, Agustín Ruiz, Mónica Bulló
- AD05.03** **Glucagon may be extracted across the liver by glucagon-receptor dependent mechanism, and this is impaired in an animal model of fatty liver disease**
[Nicolai Jacob Wewer Albrechtsen](#), Cecilie C. N. Huynh, Josephine Fisker Andersen, Richard G. Kay, Bolette Hartmann, Jens J Holst, Lise Lotte Gluud, Fiona Gribble, Caroline Hansen, Marie Winther Sørensen
- AD05.04** **Targeting mitochondrial dysfunction with essential amino acids preserves gut function during obesity and inflammation**
Letizia Spataro, Ragni Maurizio, Alice Vetturi, Luca Canciani, Alessia Zanella, Michele Olivo Carruba, Alessandra Valerio, Enzo Nisoli, [Chiara Ruocco](#)
- AD05.05** **Low oxygen availability induces a metabolic shift towards enhanced glucose utilization in lean and lipid-loaded HepG2 cells**
[Geng Li](#), Ludwig Dubois, Rianne Biemans, Gijs Goossens, Ruth Meex
- AD05.06** **Age-Related alterations in lipid droplet morphology, subcellular localisation, and mitochondrial interaction are exacerbated by obesity**
[Paul Thomas Morgan](#), Jedd Pratt, Jonathan Quinlan, Benoit Smeuninx, Joachim Nielsen, Leigh Breen
- AD05.07** **Differentiation stage of intestinal epithelial cells IPEC-J2 determines their metabolic response to lipid overload**
[Gabriel Vimont](#), Mégane Bostöen, Gwénaëlle Randuineau, Gaëlle Boudry, Annaïg Lan
- AD05.08** **Obesity-associated T-cell immunosenescence is partially reversible after bariatric surgery: evidence from flow cytometry and immune-age modelling**
Florian Marquet, Elie Julien El Hachem, Christine Rouault, Christine Poitou, Pierre Bel Lassen, Judith Aron Wisniewsky, Véronique Mateo, Hedi Soula, Karine Clément, [Sébastien Andre](#)
- AD06.01** **Mapping the dynamics that drive unhealthy food environments: a case study of Dutch food retail**
[Cédric N H Middel](#), Chiara Colizzi, Wilma Waterlander, Coosje Dijkstra, Joline J W Beulens, Joreintje D Mackenbach
- AD06.02** **Spatial inequalities in walkability and food environments in Turkey: an OBCT study**
[Sultan Aslanhan](#), Nishit Patel, Jayashankaramma S Mohan Raju, Thao Minh Lam, Jeroen Lakerveld
- AD06.03** **Front-of-pack food labelling in the Netherlands: how a collaborative governance process shaped the Nutri-Score policy**
[Renée Lj Coppens](#), Luc L Hagenaaars, Joreintje D Mackenbach, Cédric Nh Middel, Herman Lelieveldt, Karien Stronks
- AD06.04** **Nutri-score labelling as an obesity policy in the out of home food sector: a randomised control trial in a UK restaurant setting**
[Amy Finlay](#), Andrew Jones, Rebecca Evans, Zoé Colombet, James Garbutt, Martin O'flaherty, Zoi Toumpakari, Nick Townsend, Eric Robinson
- AD06.05** **Modelling the health and economic impact of three potential targeted unhealthy food tax policies in the UK**
Katharine Pidd, Amelia Lake, Luke Wilson, Robert Pryce, Alan Brennan, Christian Reynolds, Helen J Moore, Rebecca Wells, Damon Morris, Andrea Burrows, Christina Vogel, [Penny Breeze](#)
- AD06.06** **The Public Health Index: Development of a Benchmarking Instrument to Assess the Implementation of Evidence-Based Public Health Policies and Its Application in 18 European Countries**
Carolin Kilian, Jakob Manthey, Peter Gelius, Ute Mons, Sophie Rabe, Katrin Schaller, Oliver Huizinga, [Peter von Philipsborn](#)
- AD07.01** **Neighborhood Food Environment in Pregnancy is Prospectively Associated with Childhood Obesity Risk**
[Rana F Chehab](#), Assiamira Ferrara, Amanda L Ngo, Yeyi Zhu
- AD07.03** **Distinct body mass index trajectories during childhood in girls with precocious puberty or premature adrenarche: a Danish nationwide register-based study**
[Grith Laerckholm](#), Pernille Falberg Rønn, David Horner, Rasmus Wibæk, Rikke Beck Jensen



ABSTRACT SESSIONS

- AD07.04** **Six decades of trends in BMI, thinness, overweight, and obesity among 210,927 Swedish children in different socioeconomic contexts**
Maria Bygdell, Klara Hemmed, Jari Martikainen, Carl Bonander, Lovisa Sjögren, Claes Ohlsson, Jenny M Kindblom
- AD07.05** **Longitudinal Analysis of Exposure Trajectories to Family-Based Weight Stigma and its Impact on Adolescent Psychological Well-being**
Dimitra Anastasiadou, Salomé Tárrega Larrea, Albert Fornieles, David Sánchez-Carracedo
- AD07.06** **The association between socioeconomic status and response to pediatric health behavior and lifestyle obesity treatment: A 3-year cohort study in Germany and Sweden**
Marie Auzanneau, Resthie R Putri, Martin Wannack, Pernilla Danielsson, Stephanie Brandt-Heunemann, Claude Marcus, Susann Weihrauch-Blüher, Stefanie Lanzinger, Emilia Hagman
- AD07.07** **Demographic, clinical and quality of life profiles of children and young people attending 35 NHS Complications of Excess Weight Clinics in England: an observational study**
Jamie Matu, Tayamika Zabula, Richard Mattock, Julian Hamilton Shield, Claire Griffiths, Emma Madeley, Catherine Homer, Louisa Ells, Adam Martin
- AD07.08** **Intergenerational effects in the associations between childhood BMI trajectories and early-onset type 2 diabetes in adulthood**
Julie Aarestrup, Elisabeth W. Andersen, Gilad Twig, Will Johnson, Allan A. Vaag, Lise G. Bjerregaard, Jennifer L. Baker
- AD07.09** **Trajectories of body mass index in childhood and childlessness in women**
Dorthe C. Pedersen, Julie Aarestrup, Lise G. Bjerregaard, Elisabeth W. Andersen, Allan Jensen, Susanne K. Kjaer, Petur Juliusson, Kathleen M. Rasmussen, Jennifer L. Baker
- AD08.01** **Digital programme engagement overcomes weight loss resistance in women with polycystic ovary syndrome (PCOS) treated with tirzepatide: a retrospective analysis of 9,066 participants from a UK digital weight loss service**
Hans Johnson, Ashley Kieran Clift, Dan Reisel, David Huang
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- AD13.05** **Clinical results of GLP-1 analogues and lifestyle interventions on weight, BMI and body composition in children and adolescents with obesity A prospective descriptive study**
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- AD13.06** **Changes in gut microbiota following supplementation with chitosan in adolescents with overweight or obesity: a randomized, double-blind clinical trial**
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- PO2.011** **Comparative Analysis of the Zero Sugar Behavior Change Campaigns: 90-day (2024) vs 60-day (2025), Social Media Campaign, Uganda**
Kamara Daniel, Edward Buzigi
- PO2.012** **Identifying binge eating disorder in obesity treatment: prevalence and screening tools**
Malin Mandelid Kleppe, Sigurd William Hystad, Hanna Flækøy Skjåkødegård, Øyvind Rø, Yngvild Sørrebø Danielsen, Paal Methlie
- PO3.001** **Eating Inventory and Its Associations with Adiposity and Cardiometabolic Risks in Adolescents**
Irena Aldhoon-Hainerova, Martin Hill, France Bellisle, Hana Zamrazilova, Radka Taxova Braunerova, Vojtech Hainer
- PO3.002** **Effects of Liraglutide therapy on mental health status of adolescents with morbid obesity**
Sophie Draxler-Dworzak, Laura Schaller, Manuela Neyer, Charlotte Nigmann, Katharina Mair, Susanne Greber-Platzer
- PO3.003** **Clinical and Genetic Characteristics of Patients with Bardet–Biedl Syndrome: Experience from the Endocrinology Research Centre**
Daria Kopytina, Евгения Атавина-Ермакова, Olga Vasyukova, Rita Khusainova, Ildar Minniakhmetov, Наталья Мокрышева
- PO3.004** **Health behavior clusters and their associations with central obesity among Finnish 9-12-year-olds**
Maryam Rastegar, Henna Vepsäläinen, Heli Viljakainen, Sohvi Lommi
- PO3.005** **Validation of anthropometric and bioelectrical impedance equations for the prediction of fat mass amongst South African children**
Mohammed Taqui Hudda, Elandi Van Niekerk, Caroline M Sedumedi, Lynn Moeng Mahlangu, Peter Haines Whincup, John J Reilly, Herculina Salome Kruger, Makama Andries Monyeki
- PO3.006** **Correlation between body fat percentage by DEXA (Dual-Energy X-ray Absorptiometry), anthropometric indices, and metabolic comorbidities in a cohort of pediatric patients living with obesity: predictive capacity and optimal cut-off points**
Fanny Del Carmen Ospina, Eduard Mogas, Maria Clemente, Diego Yeste, Norma Garcia, Paula Martinez, Cristina Aguilar, Laura Sayol, Elda Lucrecia Zamora, Maria Carolina Isaza
- PO3.007** **Resting energy expenditure and metabolic adaptation in adolescents with obesity treated with liraglutide: a controlled cohort study**
Margarita Ustiuzhanina, Olga Kovtun, Kira Zaslayskaya, Viktor Dikmanov
- PO3.008** **Obesity Prevalence Among High School Students Across Socioeconomic Groups**
Aylin Tubga Canbaz, Elif Sude Uzun, Yunus Erarslan, Metin Ege Gorgulu, Goktug Haymana, Mahmut Batman, Seyhan Hidiroglu, Abdullah Bereket, Pinar Ay, Belma Haliloglu

GUIDED POSTERS

- PO3.009** **Recombinant Growth Hormone Improves Central Component of Sleep Apnea and Fat-Free-Mass-Index, predominant in deletion subtype of Prader-Willi syndrome children – 12 Months Outcome**
Pritam Biswas, Pranab Kumar Sahana, Subhankar Chowdhury, Nilanjan Sengupta
- PO3.010** **Setmelanotide in Bardet-Biedl syndrome: A 52-week indirect comparison of Phase 3 trial participants aged 2-5 years with a natural history cohort from the international Clinical Registry Investigating Bardet-Biedl Syndrome**
Ismaa Sadaf Farooqi, Jesús Argente, Jan Luca Schorfheide, Nicolas Touchot, Caroline Huber, Urs Wiedemann, Jeremy Pomeroy
- PO3.011** **Childhood body mass index trajectories and educational attainment, income and labor market attachment - a population-based prospective cohort study**
Lise G Bjerregaard, Elisabeth W Andersen, Jennifer L Baker
- PO3.012** **GLP-1 Receptor Agonist use in Children and Young People with Severe and Complicated Obesity in 35 Specialist Weight Management Clinics in England**
Emma Madeley, Richard Mattock, Tayamika Kamwanja, Jamie Matu, Claire Griffiths, Catherine Homer, Louisa Ells, Adam Martin
- PO4.001** **Effects of early versus late time-restricted eating on body weight and body composition in adults with overweight and metabolic syndrome: a randomized controlled trial**
Mingqian He, Yixuan Zheng, Wenzhi Zhu, Qian Liang, Antonio Clavero Jimeno, Patrick Rensen, Hui Guo, Yanan Wang, Bingyin Shi
- PO4.002** **Early Responders to Semaglutide 7.2 mg: A Post Hoc Analysis of the STEP UP Trial in Adults with Obesity**
Dror Dicker, Deborah B. Horn, Christine S. Fuchs Jacobsen, Swathi Gopal, Maria Quiroga, Sean Wharton
- PO4.003** **Syndromic neurodevelopmental obesity: one-year effects of semaglutide 2.4 mg/week on eating behavior and body weight**
Emilie Guillon, Sarah Chalopin, Pierre Bel Lassen, Mariam Hamouali, Djedjiga Silem, Karine Clément, Béatrice Dubern, Pauline Faucher, Christine Poitou
- PO4.004** **Effects of Time-Restricted Eating and Supervised Exercise on Hepatic Fat in Adults with Obesity: Preliminary Results from the TEMPUS Randomized Controlled Trial**
Antonio Clavero Jimeno, Alba Camacho-Cardenosa, Juan J. Martin-Olmedo, Balma Boira-Nacher, Marcos Molina-Fernández, Adrián Cortés-Martin, Carlos Hernández-Martinez, Alejandro López Vázquez, Francisco J. Amaro-Gahete, Rocio Cupeiro, Alejandro De-la-O, Rocio Martín-Márquez, Mara Concepción, Patricia Virginia García Pérez, Rafael Cabeza, José L. Martín-Rodríguez, Manuel Muñoz-Torres, Jonatan R. Ruiz
- PO4.005** **First-year BMI change after GLP-1-based treatment initiation and risk of subsequent adverse clinical outcomes**
John Wilding, Laura J. Anderson, Raleigh Malik, Brandon Bellows, Tyler Sagendorf, Paul Druzniewski, Jeanine Cordova, Paul Muntner
- PO4.006** **STEP UP: Final Dose Responder Analysis in Participants Randomised to Semaglutide 7.2 mg**
W. Timothy Garvey, Joran Hjelmsoeth, Kristoffer Jensen Kolnes, Shilpa M., Niklas Kahr Rasmussen, Julio Rosenstock, Ildiko Lingvay
- PO4.007** **Weight Loss and Blood Pressure Reduction With GLP-1 Receptor Agonists and Multi-Hormone Receptor Modulators in Overweight and Obesity: A Meta-Regression Analysis of Phase-3 Clinical Trials**
Marcel Muskiet, Massimo Nardone, Luxcia Kugathanan, Lauren Daunt, Ethan Parikh, Hao Yuan River Zhang, Ayodele Odotayo, David Cherney
- PO4.008** **CagriSema 2.4 mg/2.4 mg Improves Metabolic Syndrome in Adults With Overweight or Obesity, Without Type 2 Diabetes: A Post Hoc Analysis of REDEFINE 1**
Matthias Blüher, Kasper Adelborg, Melanie J. Davies, Ildiko Lingvay, Christian Bøge Lyndgaard, Rasmus Sørrig, John P. H. Wilding, Ania M. Jastreboff
- PO4.009** **Evaluating the Long-term Impact of Roux-en-Y Gastric Bypass and Tirzepatide for Weight Loss in a Population with Obesity in the United States: Initial Findings from a Patient-level Cost-utility Analysis**
John M. Morton, Tobias Muench, Youssef Ahmed, Juliane Hafermann, Rhodri Saunders
- PO4.010** **Real-World Use and Dosing Patterns of Semaglutide for Weight Management in Denmark 2022–2025**
Emma Simonsen, Martin Thomsen Ernst, Maja Bramming, Lise Gehrt Cardél, Anton Pottegård

GUIDED POSTERS

PO4.011	Semaglutide effects on insulin sensitivity and beta-cell function in patients with schizophrenia, prediabetes, and obesity treated with second generation antipsychotics - Findings from the HISTORI trial Ashok Ainkaar, Ganeshalingam, Nicolai Uhrenholt, Sidse Arnfred, Peter Gæde, Andreas Kristian Pedersen, Niels Bilenberg, Jan Frystyk
PO4.012	Real-world effectiveness and safety of semaglutide in obesity: early effects on weight loss and metabolic parameters Maria Eugenia Parrotta, Ilaria Milani, Elena Gintoli, Francesco Franco, Marianna Chinucci, Emanuele Franzò, Paolo Sbraccia, Danila Capoccia, Valeria Guglielmi
PO4.013	Association Between Metabolic Dysfunction–Associated Steatotic Liver Disease (MASLD) and Diabetic Complications in Individuals with Type 1 and Type 2 Diabetes: A Real-World Data Analysis Ferhat Çetin, Dila Güzel, Hulya Yalın Turna, Efe Onganer, Emel Üren, M. Temel Yilmaz
LBP2.001	Association between the urban environment, parents' related concerns and perceptions, and childhood obesity and lifestyle in Barcelona, Spain Fabiola Solà De Sardi, Sandra Márquez, Genís Según Mercader, Santiago Felipe Gómez, Sami Petricola, Antònia Valentín, Aidan Watmuff, Martine Vrijheid, Sarah Warkentin
LBP2.002	Corporate political activity of the food industry in response to the development and implementation of unhealthy food marketing restrictions in Portugal: a qualitative deductive analysis Marta Figueira, Magdalena Muc, Silke Cnockaert, Pedro Graça, Stefanie Vandevijvere, Maria João Gregório
LBP2.003	Child requests for unhealthy products when food shopping: experiences of a nationally representative sample of parents in England (the PUSHED study) Emma Boyland, Anna Coates, Magdalena Muc, Sarah Muir, Mimi Tatlow-Golden, Christina Vogel, Meghan Boyes, Melisa Campbell, Bimpe Oki, Anne Rose, Paul Christiansen
LBP2.004	Combination of Adherence to the Mediterranean Diet and Ultra-Processed Food Consumption in Relation to Body Composition: Longitudinal Analyses in Older Adults with Metabolic Syndrome Airin Chávez-Zárate, Ariadna Curto Tirado, Dora Romaguera, Jadwiga Konieczna, Jordi Salas-Salvadó, Vicente Martín, Ramon Estruch, Josep Vidal Cortada, Miguel A. Martínez-González, J. Alfredo Martínez
LBP2.005	Emotional Eating and Food Addiction in Women with Obesity: Associations with Anthropometric, Nutritional and Lifestyle Factors Tuğba Tatlısöz, Fitnat Şule Şakar, Zeynep Sude Cabadak
LBP2.006	Spatial Contextual Determinants of Obesity: GIS-Based Analysis of Area-Level Exposures in Ghana Kingsley Agyemang
LBP3.001	Holistic Support for Children Living with Complications of Excessive Weight A Safeguarding-Led Perspective from the Under 11's Project Aleena George
LBP3.002	Pancreatic fat content and associations with cardiometabolic health indices in children and adolescents included in obesity treatment Marie Helene Schmidt, Louise Aas Holm, Axel Illeris Poggi, Elizaveta Hansen, Maria Martens Fraulund, Cilius Esmann Fonvig, Jens-Christian Holm
LBP3.003	Point-of-Care Transient Elastography in Routine Paediatric Weight Management Clinics: Real-World Detection of MASLD and Metabolic Risk Pon Ramya Gokul, Anand Ramakrishnan, Jennifer Parkinson, Senthil Senniappan
LBP3.004	Adolescent body mass index status and multi-morbidity in adult life among males Dominique Searle, Elisabeth Wreford Andersen, Dorthe Corfitzen Pedersen, Lise Geisler Bjerregaard, Julie Aarestrup, Jennifer L. Baker
LBP3.005	Adiposity measured by bio-impedance is not superior to anthropometry for detection of impaired cardiometabolic health in Danish children and adolescents Louise Aas Holm, Irene Campillo Pereda, Axel Illeris Poggi, Maria Martens Fraulund, Yun Huang, Steven Brantlov, Cilius Fonvig, Torben Hansen, Jens-Christian Holm

GUIDED POSTERS

- LBP3.006** The effect of metformin in children and adolescents with severe obesity: a real-world study
Eline E.P.L. van der Walle, Hilal Taner, Judith Van Eck, Mariëtte Boon, Joelle E. Oosterman, Elisabeth F.c. van Rossum, Cornelis J. de Groot, Erica L.t. van den Akker
- LBP3.007** A Toolbox for dietary counselling during nutrient-stimulated hormone therapies in children and adolescents living with obesity
Alina Oberauer, Jana Brauchmann, Clare Collins, Sabine Geiersberger, Julian Gomahr, Jeanne Jabbour, Katja Knab, Irina Kovalskys, Sandra Laimer, Julia Lischka, Natalie Lister, Veronica Luque, Edyta Luszczki, Katharina Mörwald, Liisa Tolvanen, Daniel Weghuber, Gabriel Torbahn
- LBP3.008** Urban exposome and adolescent sleep and weight outcomes: A multi-cohort European study
Sarah Warkentin, Sandra Márquez, Parisa Montazeri, Esmée Essers, Mònica Guxens, Sandra Andrusaityte, Regina Grazuleviciene, Wen Lun Yuan, Barbara Heude, Kyriaki Papantoniou, Emmanouil Symvoulakis, Gunn Marit Aasvang, Norun Hjertager Krog, Marta Cirach, Mark Nieuwenhuijsen, Martine Vrijheid
- LBP3.009** Patterns of Trimethylamine N-Oxide and Vascular Remodeling in Obesity Across the Lifespan
Monica Simina Mihuta, Denisa Pescari, Camil Mihuta, Andreea Bena, Corina Paul, Dana Stoian
- LBP3.010** Mapping the Determinants of Metabolic Health and Mental Wellbeing: A Profile of the Flemish Adolescent Metabolome (FAME) Cohort
Emile Callemeyn, Matthijs Vynck, Tiffany De Troyer, Kimberly De Windt, Nathalie Michels, Stefaan De Henauw, anja geerts, Ruth De Bruyne, Sander Lefere, Karolien Van De Maele, veronique Beauloye, Peter Marckx, Laure Joachim, Nele Baeck, Daniel Klink, Els Ide, Ellen De Paepe, Lynn Vanhaecke
- LBP3.011** Impact of Physical Activity Specialists on Play Implementation and Children's Psychological Readiness in Daycare Centers
Eun Byoul Lee, Min Hwa Suk, Kyung Do Han, Jae Hyuk Lee, Sang Youl Rhee, Jung Hwan Park, Sochung Chung, Yong Hee Hong
- LBP4.001** Beyond weight loss: body composition during IVF preparation in women living with obesity receiving incretin-based therapy
Desimira Mironova, Elena Bangeeva, Desimira Mironova
- LBP4.002** Simple anthropometric measures refine cardiac phenotyping beyond BMI in adults living with obesity
Alicia Sanmartín-Sánchez, Laura Vidal Bonet, María Villaplana García, Gabriela Noemi Nicola Orejas, María Jesús Nigorra Acero, María Yolanda García Ávila, Ramón Zafra Jiménez, Alejandro De La Cruz Bonilla, María Úbeda Dilme, Andreu Campos Peris, María Teresa Colomar Ferrer, Rosa María Ruiz López, Marta Regis Crespi, Francisca Caimari Palou, Iñaki Argüelles Jiménez, José Ignacio Sáez De Ibarra Sánchez, Josefina Olivares Alcolea
- LBP4.003** Distribution of Weight-Related Complications across Body Mass Index Categories in South and Southeast Asia: A Multinational, Cross-Sectional Study (WEIGHT DIVERSE)
Neeta Rohit Deshpande, Mia Fojas, Hoang Van Lam, Syed Abbas Raza, Cyrus Pasamba, Kiran Warriar, Margaret Yoong
- LBP4.004** Hepatic steatosis reflects fat quantity rather than body geometry in type 2 diabetes
Adina Mitrea, Diana Cristina Protasiewicz Timofticiuc, Diana Clenciu, Ionela Mihaela Vladu, Anca Pantea Stoian, Adela Gabriela Ștefan, Delia Viola Reurean Pintilei, Alina Liliiana Popa, Maria Magdalena Roșu, Theodora Claudia Radu Gheonea, Bianca Florentina Pirvu, Mihaela Larisa Bicu, Ștefania Liana Nicolescu, Beatrice Elena Vladu, Albert Ștefan Georgescu, Alexandra Burticală, Claudia Rădulescu, Cristina Dica, Maria Mo a
- LBP4.005** Mild Hypercortisolism Identifies an Adverse Cardiometabolic Risk Phenotype in Individuals with Obesity
Burcu Candemir, Neşe Ersöz Gülçelik
- LBP4.006** Relationship Between Relative Fat Mass and Stress Urinary Incontinence in Adult Women with Overweight and Obesity: Findings from NHANES 2011–2018
Tingting Zhu
- LBP4.007** Short Stature in Adults with a History of Low Birth Weight Is Associated with Higher Fat Mass and Lower Muscle Mass: Findings from a 36-Year Rural Cohort Study
Gaga Irawan Nugraha, Salsabila Shofa Putri, Siti Nur Fatimah, Eko Fuji Ariyanto, Anna Alisjahbana
- LBP4.008** Pharmacological therapy for obesity in patients with end-stage renal disease
Victoria Shkodkina, Tatiana Markova, Anzhela Ushakova, Anna Nasibova, Alena Orlova, Sabina Muradova

GUIDED POSTERS

- Beyond Cardiometabolic Complications: Multidimensional Phenotyping Reveals Under-Recognized Obesity Comorbidities Across Sex and Age**
LBP4.009 Teresa Montoya Alvarez, Sebastian Mas-Fontao, Jesry Jair Cárdenas Salas, Bogdana Luiza Lucaa, Irene Hoyas Rodriguez, Isabella Mantellini González, Roberto Sierra Poyatos, Francisco Arrieta Blanco, Adriana Pascual Martínez, Marta Del Olmo Rodríguez, Clotilde Vázquez
- Higher bmi is associated with weight-promoting medication use: nationwide data from an evidence-based obesity screening tool**
LBP4.010 Marc H.j. Huls, Renate E.H. Meeusen, Mariëtte R. Boon, Maya Petkova, Erica L.t. Van Den Akker, Elisabeth F.c. van Rossum
- Obesity as a State of Impaired Energy Accessibility Rather Than Energy Excess: A Physiotherapy-Led Functional Gateway Study in Diet-Adherent Non-Responders with Central Obesity**
LBP4.011 Sara Aziz Elsayed
- Metabolic health in response Duodenal Jejunal Bypass Liner treatment amongst different ethnicities. A retrospective analysis from an international registry**
LBP4.012 Robert Elford John Ryder, Iskander Idris, Julian Teare, Marek Benes, Rainer Stengel, Jurgen Stein, Harry Frydenberg, James Patrick Bryne, Stephanie A Amiel, Barbara McGowan
- RES-010 is increasing GLP1-RA efficacy acting on metabolic remodeling and durable fat mass loss**
LBP4.013 Riccardo Panella, Anna Altieri, Arianna Cuomo, Alessandra Masticci, Giuseppe Petito, Rosalba Senese, Sakari Kauppinen
- Differential Morpho-Functional and Visceral Fat Remodeling with Tirzepatide versus Semaglutide in Severe Obesity and HFpEF**
LBP4.014 Maria Elena Jerez Arzola, Yolanda Zambrano Huerta, Alvaro Mauricio Chavez Villegas, Ricardo Moya Medina, Covadonga Rodriguez Mangas
- Efficacy, tolerability and adherence to incretin-based treatment in patients with learning disability and autism spectrum disorder. real world data from a specialist weight management service**
LBP4.015 Irena Cruickshank, Dr Julia Thomas, Dr Isy Douek, Prof Rob Andrews, Dr Rhodri King
- Weight and Pregnancy Outcomes Before and After GLP-1 Receptor Agonist Exposure in Women of Reproductive Age**
LBP4.016 Tariq Chukir, Hubaib Haider, Shaunak Sarkar, Rami Kokash, Siddhand Nair, Odette Chagoury, Shahrad Taheri
- Assessment of sarcopenic obesity risk in young adults with obesity**
LBP4.017 Mehmet Umut Çapar, Volkan Demirhan Yumuk



POSTER SESSION



POSTER SESSION

- PO1.010 Redefining Obesity in Arab populations: model derivation using fat percentage by DEXA scan and external validation using electronic health records**
Amira Nasser AlKharusi, Fahad Zadjali, Maha Alriyami
- PO1.011 Correlation between erythritol and metabolic dysfunction-associated steatotic liver disease in overweight/obesity**
Jing Ma, Tao Tan, Jiang Yue, Yicheng Qi, Minglan Yang
- PO1.012 Abdominal MRI for quantification of adipose tissue and skeletal muscle volumes: scan-rescan repeatability and inter-analyst variability**
Charlie Diamond, Allie Schneider, Shona Cumming, Rashmi Vashisth, Marine Keime, Luis Felipe Cardiel, Magdalena Nowak
- PO1.013 Visceral and subcutaneous adipose tissues, liver fat fraction and cancer risk: the UK Biobank MRI imaging cohort study**
Lee Malcomson, Michelle Harvie, Matthew Sperrin, Emma J Crosbie, Andrew G Renehan
- PO1.015 Beyond BMI: Assessing Obesity Profiles Using the EASO Framework and Ultrasound-Based Adiposity Measures in the COPLANT (Cohort on Plant-Based Diets) Study - Preliminary Analysis**
Catharina Johanna Candussi, Christine Dawczynski, Antje Dammis, Ina Danquah, Beate Fischer, Michael Leitzmann, Ute Nöthlings, Cornelia Weikert, Karl Heinz Wagner, Martina Gaggl, Maria Wakolbinger
- PO1.016 Dose-Dependent Effects of Herbaceous monthbfeit on High-Energy-Diet–Induced Fat Accretion and Dyslipidemia in Sprague–Dawley Rats**
Ke Hsin Huang, Chia Jung Chen, Chi Chang Huang
- PO1.017 Understanding adipose tissue fibrosis: LRG1 as a mediator in the crosstalk between adipocytes and macrophages**
Maria M Malagon, Olga García Ruiz, Carmen Soler Vázquez, Ana Gordon, Elena Salido Martínez, Rocio Guzman Ruiz
- PO1.018 Obesity and chronic kidney disease: circulating adipocytokines, miRNAs, and adipose tissue gene expression**
Rocio Vila Bedmar, Marina Martín Taboada, Borja Lanzón, Ignacio González De Pablos, Elías Rodríguez Cuellar, Enrique Morales, Gema Medina Gómez
- PO1.019 Visceral Fat Distribution Relates to Glycemia Beyond BMI in People With Severe Obesity: CT Evidence Using VSR and %VFA**
Po-Jen Yang, Chih-Horng Wu, Chi-Ling Chen, Chung-Chen Hsiao, Hsiao-Ching Nien, Po-Chu Lee, Chiung-Nien Chen, Ming-Tsan Lin
- PO1.020 An ALK7 siRNA developed by GenSci adipose delivery platform showed excellent activity in pre-clinical studies**
Li Xia, Shi Chen, Jing Ma, Yuanfeng Xia, Wenqiang Zhai, Fanglong Yang, Siqin Wang, Lei Jin
- PO1.021 Serum osteocalcin has inverse relation with pericardial adipose tissues**
Myeongjin Shin, Nam-Seok Joo, Beom-Hee Choi
- PO1.022 Impact of short-term and long-term dietary sweetener sucralose consumption on adipose tissue bioaccumulation and inflammation in lean or obese mice**
Florian Pallot, Isabelle Lachaise, Julien Astier, Melissa Tonnelier, Tristan Walgenwitz, Christine Bothuan, Flavie Sicard, Doria Boulghobra, Jean François Landrier, Guillaume Walther
- PO1.023 From Damage to Protection: How FLASH Radiotherapy Prevents Radiation-Driven Lipodystrophy**
Gaia Scabia, Giulia Asero, Giulia Furini, Alice Usai, Riccardo Berutti, Jessica Milia, Claudia Kusmic, Roberta Di Pietro, Emanuela Guerra, Stefano Lattanzio, Tonia Luca, Fabiola Paiar, Fabio Di Martino, Saverio Cinti, Margherita Maffei
- PO1.024 Infrared Thermography for the Detection of Active Brown Adipose Tissue In Humans**
Flora Ilse Kartnig, Oana C. Kulterer, Robert Walsberger, Rita Horodecki Tucheslau, Elaine M. Khoshmehr, Rodrig Marculescu Ferrari, Alexandra Kautzky Willer, Florian W. Kiefer
- PO1.025 Fatty acid esters of hydroxy fatty acids (FAHFA) and surrogate FAHFA hydrolysis activity are altered following bariatric surgery-induced weight loss**
Sze Min Ong, Daniel Zhi Wei Ng, Javis Fung, Chew Kiat Heng, Yung Seng Lee, Asim Shabbir, Eric Chun Yong Chan, Delicia Shu Qin Ooi



POSTER SESSION

- PO1.026 Adipocyte Spheroids: A novel strategy to explore obesity-induced dysfunction and fibrosis of the adipose tissue**
Beatriz González Alméjija, Beatriz Farinha, Maria Gonzalez Ruiz, Ariadna Caballero Sicilia, Oriol Alberto Rangel-Zuñiga, Jose Lopez-Miranda, Antonio Membrives, José A. González-Reyes, MCarmen Soler-Vázquez, Rocío Guzmán Ruiz, Maria M Malagon, Ana Gordon Bermúdez-Coronel
- PO1.027 MSCs from subcutaneous adipose tissue of pediatric subjects represent a Valuable *in vitro* experimental model to study obesogenic memory features**
Clarissa Berardo, Marko Dardi, Maxime Bonnet, Letizia Messa, Gerson Capelo, Gloria Pelizzo, Valeria Calcaterra, Stephana Carelli, Gianvincenzo Zuccotti
- PO1.028 Loss of adenosine A3 receptor protects mice against high-fat diet-induced obesity**
Melinda Rostás, Krisztina Köröskényi, Zsuzsa Szondy
- PO1.029 The effect of dietary-induced weight loss on the homeostatic motivation to eat and energy intake: a systematic review and meta-analysis**
Niamh Kirk, Junyi Guo, Clarissa Dakin, Kristine Beaulieu, James Stubbs, Mark Hopkins
- PO1.030 Hyperphagia and resting-state functional connectivity of the hypothalamus in Prader-Willi Syndrome**
S. Sanaz Hosseini, Anthony J. Holland, Stephanie S. G. Brown
- PO1.031 Cereblon regulates lysosomal degradation of the leptin receptor and acute leptin responsiveness in hypothalamic neurons**
Dookyung Kim, Soojeong Kim, Seho Jeong, Jaemin Lee
- PO1.032 Impact of Intranasal Oxytocin Administration on Cafeteria Diet-Induced Obesity in Wild-Type and RAGE-/- Female Mice**
Andrej Feješ, Emil Bečka, Veronika Borbélyová, Katarína Sebeková
- PO1.033 Acute effect of exercise on post-meal appetite, appetite-regulatory hormones, and energy intake in healthy men**
Sultan Alenezi, Sultan Alenezi, Christine Edwards, James Dorling
- PO1.034 Postprandial GLP-1 and PYY dynamics and their implication for subjective appetite and energy intake: A cluster analysis**
Jia Jiet Lim, Catherine Gibbons, Graham Finlayson, John Blundell, Mark Hopkins
- PO1.035 Impact of Proteins from Edible Insects and Microalgae on Satiety, Food Preference, Liver Fat, and Intestinal Microbiota in People with Overweight: The CIPROMED Project**
Sofia Collini, Federica Perazza, Michele Tosti, Erica Bensmail, Rosalba Roccatallo, Elisa Sprio, Federico Ravaoli, Matilde Tura, Ilario Ferrocino, Uberto Pagotto, Alessia Tessari, Tullia Gallina Toschi, Maria Letizia Petroni
- PO1.036 Plasma Oxytocin Measured by LC-MS/MS Varies by Life Stage, Sex, and Obesity in Mice: A Potential Driver of Female Resilience to Diet-Induced Obesity**
Georgia Colleluori, Chiara Galli, Simone Moretti, Stefano Di Bona, Ilenia Severi, Jessica Perugini, Edoardo Scopini, Gabriele Cruciani, Antonio Giordano
- PO1.037 Unraveling differences in glucocorticoid regulation between South Asians and Europids**
Johanneke E. Oosterman, Ceyda Ilhan, Robin Lengton, Carlijn A. Hoekx, Lisa B.D. Brinkman, Patrick C.N. Rensen, Elisabeth F.C. van Rossum, Mariëtte R. Boon
- PO1.038 A Novel KSR2 Gene Variant in Two Siblings with Severe Obesity: Clinical and Metabolic Evidence**
Raffaella Cancellò, Chiara Assoni, Federica Sileo, Alessandra Mihalich, Anna Maria Di Blasio, Alberto Battezzati, Simona Bertoli
- PO1.039 Prevalence of Genetic Variants Related to Energy Metabolism in Patients with Severe Obesity Resistant to Dietary Interventions**
Raffaella Cancellò, Chiara Assoni, Federica Sileo, Alessandra Mihalich, Anna Maria Di Blasio, Alberto Battezzati, Simona Bertoli
- PO1.040 Rest-activity rhythms are associated with prevalent overweight and obesity and are more disrupted in South Asian and Black than White ethnic groups in the UK Biobank**
Drusus A. Johnson, Louise M Goff, Cameron Razieh, Francesco Zaccardi, Thomas Yates, Alex V Rowlands, Joseph Henson

POSTER SESSION

- PO1.041** **Chronotypical differences in ad libitum energy intake and appetite depending on the time of day: an exploratory sub-analysis of the TIMEX randomised controlled cross-over trial**
Daria Borislavova Borisova, Natja Launbo, Mark Hopkins, Tommi Suviava, Lea Jalking, Marie Møller Jensen, Marina Kjærgaard Gerstenberg, Martin Bæk Blond, Kristine Færch, Louise Groth Grunnet, Graham Finlayson, Jonas Salling Quist, Kristine Beaulieu
- PO1.042** **Histone Deacetylase Inhibition Reduces Anxiety and Binge-Like Palatable Food Intake in Models of Obesity and Binge Eating Disorder**
Giacomo Einaudi, Luca Botticelli Botticelli, Emanuela Micioni Di Bonaventura, Zuzanna Koziara, Clemens Zwergel, Antonello Mai, Lara Coppi, Elena Conte, Maurizio Crestani, Carlo Cifani, Maria Vittoria Micioni Di Bonaventura
- PO1.044** **Differential effects of semaglutide, tirzepatide and survodotide on energy expenditure in obese mice under thermoneutrality**
Simone Bossi, Michele Cavalera, Line Fisker Zachariassen, Henrik Hansen, Marco Tozzi
- PO1.045** **Impact on lipid oxidation analysed for indirect calorimetry in obesity**
Lorena Medeiros Batista, Carlos Alberto Nogueira De Almeida, Rocio San Martin, Julio Sergio Marchini
- PO1.046** **Incremental Value of Adiposity Measures, Including CT-Derived Visceral Fat, for Predicting Resting Metabolic Rate Beyond Fat-Free Mass**
Kristof Van Dessel, An Verrijken, Christophe De Block, Eveline Dirinck
- PO1.047** **The usefulness of computed tomography for the estimation of resting energy expenditure and advanced phenotyping in obesity**
Fiorella Palmas, Cora Oliver, Fernanda Mucarzel, Raul Cartiel, Miguel Casanova, Aitor Rodriguez, Ana Maria Rodriguez, Guillermo Cardenas, Marta Comas, Albert Puig, Ros Burgos, [Andreea Ciudin](#)
- PO1.048** **Resting Energy Expenditure in Morbid Obesity: Limitations of Predictive Equations Based on Body Composition**
Anastasia A. Averkina, Olga V. Vasyukova, Manushak G. Rafaelyan, Raisat M. Guseinova, Yulia V. Burmitskaya, Daria A. Kopytina, Vera A. Romanova, Evgenia P. Atavina Ermakova, Pavel L. Okorokov, Natalia G. Mokrysheva
- PO1.049** **Mechanisms of adaptive thermogenesis during weight regain: a role for skeletal muscle hypothyroidism and a risk for sarcopenic obesity**
Abdul Dulloo
- PO1.050** **NQO1-AMPK axis regulates energy balance and metabolic health in diet-induced obesity**
[Jae-Han Jeon](#), Min Ji Kim, In-Kyu Lee
- PO1.051** **Shifting paradigms in exercise-based obesity management: a bibliometric analysis of research trends and emerging themes**
[Young Ung Kim](#), Hye Jung Shin, Eun Mi Kim, Yun A Shin
- PO1.052** **Gender-Specific study to assess the impact of metabolic endocrine disruptors on Metabolic Syndrome Risk in Lucana Population (LucAS Project)**
Beatrice Scazzocchio, Massimo D'archivio, Lucia Coppola, Rosaria Vari, Valentina Monteleone, Mauro Esposito, Matteo Melisi, Pasquale Gallo, Gabriele Lori, Giulia Zanchi, Alessia Tammara, Francesca Maranghi, Roberta Tassinari, Benedetta Martorano, Gianluca Frustagli, Cinzia La Rocca
- PO1.053** **Vitamin D Supplementation and Inflammatory Biomarkers Are Associated with Circulating REG3a across Adiposity Categories: An Exploratory Analysis**
[Theocharis Koufakis](#), Dimitrios Kouroupis, Areti Kourti, Paraskevi Karalazou, Katerina Thisiadiou, Ioannis Georgiadis, Omar Mustafa, Giuseppe Maltese, Luca Busetto, Djordje S. Popovic, Olga Giouleme, Kalliopi Kotsa, Michael Doumas, Kati Makedou
- PO1.054** **Krill Oil Superior to Fish Oil in Boosting Intestinal Lipid Flux and Hepatic Cholesterol Balance in Omega-3-Treated Mice with Obesity**
[Olga Horakova](#), Petra Kroupova, Evert Van Schothorst, Jaap Keijer, Martin Rossmeisl
- PO1.055** **Circulating levels of fasting PYY, Ghrelin and GIP in patients living with Type 1 Diabetes with or without obesity**
Stamatia Simati, Georgia Argyrakopoulou, Konstantinos Stefanakis, Ioanna Anastasiou, Carel Le Roux, Alexander Kokkinos, Christos Mantzoros



POSTER SESSION

- PO1.056** **The effect of levothyroxine on thyroid function by body mass index**
Ivana Škrlec, Snježana Džijan, Marko Bebek, Zrinka Biloglav, Cecilija Rotim, Kristina Bosak, Darko Katalinić
- PO1.057** **Metabolic and inflammatory alterations associated with the AGE-RAGE axis in adults living with metabolic syndrome from northwestern Mexico**
Josue Camberos Barraza, Alejandro Camacho Zamora, Ángel Radamés Rábago Monzón, Laura Delgado-Díaz, Alberto Kousuke De La Herran-Arita, Alma Marlene Guadron-Llanos
- PO1.058** **Spatial distribution of CXCR4 in the hypothalamus and regulation by high-fat diet**
Igor Vinicius Sousa Cavalheiro, Licio Augusto Velloso, Natália Ferreira Mendes
- PO1.059** **Adipocyte's secretome from patients with type 2 diabetes after bariatric surgery exhibited reduced proinflammatory response in comparison with semaglutide therapy**
Iurii Stafeev, Margarita Agareva, Anastasia Voznesenskaya, Ekaterina Zubkova, Alina Tomilova, Ekaterina Shestakova, Maria Sineokaya, Yelena Parfyonova, Marina Shestakova
- PO1.060** **Associations Between Immune Markers and Bone Health 10 Years Postpartum: A Secondary Analysis of the ROLO Study**
Grace Mealy, Sophie Callanan, Patrick J. Twomey, Mark T. Kilbane, Alexander Douglass, Fionnuala M. McAuliffe
- PO1.061** **Endothelial HIF1 α deletion triggers sex-specific neurovascular regulation in the hypothalamus and systemic metabolic outcomes**
Vinicius Stefanini Mantovan, Igor Vinicius Sousa Cavalheiro, Nicolly Porto Marin, Larissa Silva Bergantini, Licio Augusto Velloso, Natália Ferreira Mendes
- PO1.062** **PTM-Fetuin-A: A Missing Link in the Early Detection of Diabetic Kidney Disease?**
Evelina Zlatanova, Miroslava Benkova-Petrova, Alexandur Petrov, Petur Petrov, Svetla Staykova
- PO1.063** **Plasticity of the human sperm genome in obesity**
Marie Charlotte Dumargne, Emil Andersen, Lars Roed Ingerslev, Romain Barrès
- PO1.064** **Survodutide, a novel dual GLP-1 receptor/glucagon receptor agonist, improves kidney health in a mouse model of advanced diabetic kidney disease**
Henrik H Hansen, Maria Ougaard, Max Hahn, Urmas Roostalu, Robert Augustin, Besnik Bajrami, Alexander Hamilton, Michael Christensen, Thomas Klein
- PO1.065** **Renal cortical glucose metabolic responses to acute cold exposure are associated with adiposity**
Syeda Erum Zaidi, Teemu Saari, Milena Monfort Pires, Juho Raiko, Olli Eskola, Pirjo Nuutila, Kirsi Virtanen, Mueez U Din
- PO1.066** **The risk of chronic kidney disease in relation to anthropometric measures of obesity: A Swedish cohort study**
Ensieh Memarian, Peter M Nilsson, Izac Zia, Anders Christensson, Gunnar Engström
- PO1.067** **Glomerular Hyperfiltration as an Early Metabolic Complication of Obesity**
Daniilo Lazarevski, Danka Jeremic, Dusan Zivanovic, Nevena Radic, Djurdjina Dronjak, Milica Vojnovic, Snezana Polovina, Mirjana Sumarac Dumanovic
- PO1.068** **Integrative strategies for MASLD: screening, staging, and treatment in persons living with obesity**
Mona Hegazy
- PO1.069** **World's Highest MASLD Prevalence in Egypt: A Genetic-Dietary Nexus, and artificial intelligence data Forging a Healthier Future**
Mona Hegazy, Mona Fathy, Omar Ashoush, Samah Abdelshay, Dalia Abdelfatah, Samar Saad, Sawsan Abd El Moniem, Wesam Ibrahim, Osama Ashraf, Shereen Saleh, Tarek Ahmed, Ragab Adly, Ali Abdel Wahab, Shadia Hussein, Ahmed Osman, Ahmed Abdelghani
- PO1.070** **Modeling steatohepatitis in mice using two Western-type diets of similar macronutrient composition: linking adiposity to the trajectory of disease development**
Martin Rossmels, Olga Horakova, Isaiah Sabinari, Kristijan Skok, Agnieszka Karkucinska Wieckowska, Veronika Kleinova, Barbara Pakula, Patrycja Jakubek Olszewska, Karoline Lackner, Mariusz R. Wieckowski
- PO1.071** **Body appreciation, exercise motives, and sexuality: a hierarchical regression analysis among men with normal weight, overweight, and obesity**
Kamila Czepczor-Bernat, Justyna Modrzejewska, Adriana Modrzejewska, Paweł Matusik



POSTER SESSION

- PO1.072** **The effect of canagliflozin 300mg on beta-cell function in people without diabetes after bariatric surgery**
Gráinne Whelehan, Dimitris Papamargaritis
- PO1.073** **Inhibition of Nicotinamide N-methyltransferase (NNMT) as a novel, non-incretin-based, treatment option for obesity and its co-morbidities**
Matthijs J Van Haren, Joost M Lambooi, Bruno Guigas, Nathaniel I Martin
- PO1.074** **Time-restricted feeding restores the circadian rhythm of circulating corticosterone and energy expenditure in male mice fed a high-fat, high-sucrose diet**
María Del Mar Romero, Mar Grasa, Jiahui Zhang, Laura Molar, Ana Corral, Shrestha Mohopatra, Leonardo Ortega, Siyu Li, Yanzhao Zhang, Claudia Vales Villamarín, Marijana Todorcevic, David Sebastián, Laura Herrero
- PO1.075** **Slow uptitration vs. no uptitration of semaglutide results in similar body weight loss in diet-induced obese rats**
Rune E Kuhre, Sanaz Gabery, Carel W Le Roux, Filip K Knop
- PO1.076** **Applications of GLP-1 receptor imaging in type 2 diabetes and obesity**
Sevilay Tokgöç, Marti Boss, Rick I. Meijer, Laura Deden, Theodorus J.P. Jansen, Cornelis Tack, Bastiaan de Galan, Martin Gotthardt
- PO1.077** **One-Hour Post-Load Glucose Is Associated with Obesity-Related Complications in Individuals with Obesity without Type 2 Diabetes**
Ioanna Mixaki, Michalis G. Prokopakis, Georgios Dimakopoulos, Theodosios Filippatos, Kalliopi Kotsa, Theocharis Koufakis
- PO1.078** **Effect of vitamin D on antioxidant defense in an experimental rat model of diabetes mellitus: preventive and therapeutic approaches**
Nino Sakhanberidze, Nino Charkviani, Manana Namoradze, Maia Mantskava
- PO1.079** **Is there a diet associated with a healthy gut and vaginal microbiome in early pregnancy?: Insights from the MicrobeMom study**
Aoife Davis, Sophie Callanan, Gillian A. Corbett, Conor Feehily, Sai Ravi Chandra Nori, Alexander P. Douglass, Eileen C. O'Brien, Douwe Van Sinderen, Paul D. Cotter, Fionnuala M. McAuliffe
- PO1.080** **Differences in microbiota-dependent intestinal epithelial barrier dysfunction but not cell metabolism are associated with differences in systemic metabolic alterations between males and females in mice under high-fat diet**
Gabriel Vimont, Elise Gieryga, Mégane Bostöen, Patricia Leroyer, Gwénaëlle Randuineau, Vincent Cziezelski, Régis Janvier, Patrice Dahirel, Annaig Lan, Gaëlle Boudry
- PO1.081** **Gut microbiota in lipodystrophies and obesity: a common signature?**
Luca Colanaghi, Adelaide Teofani, Alessandro Desideri, Silvia Biocca, Teresa Pacifico, Maria Eugenia Parrotta, Veronica Fertitta, Paola Fortini, Giovanni Ceccarini, Silvia Magno, Caterina Pelosini, Ferruccio Santini, Giuseppe Novelli, Paolo Sbraccia, Valeria Guglielmi
- PO1.082** **No effect of Semaglutide on gut bacterial microflora in Wistar rats with experimental model of obesity**
Yenelin Denchev, Dimitar Vassilev, Peter Ivanov, Tanya Kadiyska, Gergana Djikova, Valentin Kuzmanov, Georgi Bogdanov, Teodora Handjieva-Darlenska
- PO1.083** **Gut microbiota profile and microbial metabolites in patients with metabolic dysfunction-associated steatotic liver disease in Serbia**
Biljana Bursac, Sofija Ignjatović, Miloš Vratarić, Bojana Mičić, Uroš Gašić, Ivana Božić Antić, Jelica Bjekić Macut, João Marcos G. Barbosa, Daniel Duberg, Anh Hoang Nguyen, Mark Davids, Amir Alizadeh Bahmani, Tuulia Hyötyläinen, Matej Orešič, Max Nieuwdorp, Ana Djordjević, Danijela Vojnović Milutinović, Nataša Veličković
- PO1.084** **Once-Weekly Subcutaneous CagriSema Does Not Affect the Exposure of Atorvastatin or Warfarin in People Living With Overweight or Obesity**
Valdemar Funch Uhr, Niels Peter Becker, Katrine Kirkeby, Michal Tomasz Marzec, Gaetano Morelli, Louise Witten
- PO1.085** **Cagrilintide Does Not Affect the Exposure of the Combined Oral Contraceptive Ethinylloestradiol/Levonorgestrel or Gastric Emptying as Measured by the Paracetamol Absorption Test**
Jennifer Van Der Horst, Niels Peter Becker, Julie B. Hjersted, Katrine Kirkeby, Michal Tomasz Marzec, Gaetano Morelli, Louise Witten

POSTER SESSION

- PO1.086** **CVN293 induces weight loss with preservation of lean mass through selective inhibition of THIK-1**
Louisa Christie, Samuel Russell, Jenna R M Harvey, Keith Page, Daniel Barker, Heleen Vat't Spijker, Andrew Stott, Emily Moverly Foster, Richard Hower, Xiao Xu, Justin Powell, Christian Madry, Mark B Carlton, Nigel Ramsden, Nicola L Brice, Bernardino Ossola
- PO1.087** **Co-Administration of Thyroid Hormone Receptor-beta Agonist ALG-055009 and Incretin Receptor Agonists Leads to Synergistic Weight Loss and Modulation of Molecular Pathways Underlying Adipocyte Dysfunction in Diet-Induced Obese Mice**
Jieun Song, Kusum Gupta, Peter Althoff, Lillian C Adame, Dinah L Misner, Tse I Lin, Lawrence M Blatt, Julian A Symons, Sushmita Chanda, [Xuan G Luong](#)
- PO1.088** **Decoupling Weight Loss from Muscle Loss: CycloZ-Based Combination Therapy with GLP-1 Agonists Validated by Preclinical Myopenia Models and Supported by U.S. Phase 2a/2b Obesity Trials**
[Hoe Yune Jung](#), Dohyun Lee, Jongsu Jeon, Seoyeong Baek, Daehun Kim, Xiaoxu Li, Johan Auwerx
- PO1.089** **Safety and pharmacokinetics of AZD9550, a GLP-1R/GCGR dual agonist, in a first-in-human study**
[Petra Sulentic](#), Sarah Will, Jacqueline Naylor, Elijah Weber, Hongtao Yu, Karin Nelander, Elin R Carlsson, Akiko Sekikawa, David Hornigold, Lars Hansen
- PO1.090** **Development of a multimodal pipeline to identify novel 14-3-3zeta inhibitors that can block adipogenesis to treat obesity**
Sabri A Rial, Sami C El Khakani, Siyi He, Sanjeev Sharma, Mary N Teruel, [Gareth Lim](#)
- PO1.091** **Changes in Diet Quality from Early Pregnancy through 6 Years Postpartum among Women with Overweight and Obesity**
[Husna Kaya Kacar](#), Janina Hieta, Lotta Saros, Kirsi Laitinen
- PO1.092** **Long-term serum 25-hydroxyvitamin D levels and body composition, including visceral fat area and body fat percentage: The prospective HUNT Study**
[Xiaomei Mai](#), Thea Wøyen Hamford, Yiqian Sun
- PO1.093** **Effects of Wholegrain Pasta Consumption on AGEs, Glycaemic Control and Metabolic Flexibility in Adults with Overweight**
Fabiano Cimmino, Barbara Paolini, Carmela Bagnato, Maria Grazia Carbonelli, Paolo Di Berardino, Annalisa Maghetti, Pietro Losignore, Gina Cavaliere, Giovanna Trinchese, [Maria Pina Mollica](#)
- PO1.094** **Short-term refined carbohydrate intake promotes weight gain and reduces phenylephrine-induced vascular reactivity via oxidative stress in female rats**
[Karolini Zuqui Nunes](#), Emanuelle Coutinho de Oliveira, Andressa Bolsoni Lopes
- PO1.095** **Hipertriglyceridemia associated with FTO rs 1558902 in Indonesian women with obesity**
[Etika Ratna Noer](#), Faizah Fulyani, Rachma Purwanti, Meita Hendrianingtyas, Harry Freitag Luglio, Adriyan Pramono
- PO1.096** **Differential Metabolic and Gastrointestinal Responses to Oral Sucrose, Glucose, and Fructose in Healthy Humans**
[Anita Altstädt](#), Emilie Flad, Veronika Walhöfer, Jens Rehfeld, Jens Juul Holst, Bolette Hartmann, Lukas Van Oudenhove, Bettina Wölnerhanssen, Anne Christin Meyer-Gerspach
- PO1.097** **Exploring the effects of intermittent fasting in patients with obesity**
[Marcos Dos Santos Gil](#), Anna Prats, Francesa Filippi, Josep A. Villena, Júlia Hernández, Mercè Abad, Anna Peiró, Elina Vidal, Marta Comas
- PO1.098** **Baseline lung function in adults with obesity and metabolic syndrome: Exploratory analysis of oscillometry data from a phase 2 trial**
[Glenn Crater](#), Oscar Birkhan, Ofir Frenkel, Filip K Knop, Luise Cederqvist, Karine Lalonde, Carolyn Morris, Anne Dixon
- PO1.099** **How does the planetary health diet correlate with pregnancy outcomes in women with a raised BMI?**
[Aoife Davis](#), Sophie Callanan, Gillian A. Corbett, Eileen C. O'brien, Alexander P. Douglass, Fionnuala M. McAuliffe
- PO1.100** **Impact of Cardiometabolic Syndrome and metabolic Parameters on Arterial Stiffness in Drug-Naïve Healthy Subjects**
[Seung Hwan Han](#), Albert Youngjwo Jang, Me Seung Shin, Jin We, Jeonggeun Moon



POSTER SESSION

- P01.101 Association Between Obesity and Sarcopenia in Adults Attending a Tertiary University Hospital**
Judith Fernández García, Claudia Lozano Aida, Lucia Fernández Álvarez, Clara García Solares, Álvaro Aguiar Crespo, Elsa Villa Fernández, Carmen Lambert Goltia, Ana Victoria Garcia Gomez, Lorena Suarez Gutierrez, Ceferino Martinez Faedo, Elias Delgado Alvarez, Edelmiro Menéndez Torre
- P01.102 An amino acid-based supplement, enriched with Krebs cycle intermediates, ameliorates MASLD and anxiety-like behavior in mice with diet-induced obesity**
Alice Vetturi, Agnese Segala, Gaia Favero, Emanuela Bottani, Alessia Zanella, Chiara Ruocco, Maurizio Ragni, Rita Rezzani, Enzo Nisoli, Alessandra Valerio
- P01.103 Prevalence of Hypertension in Prediabetic States Among Subjects With Obesity**
Hocine Nour Ouassila, Tebaibia Ammar, Hamchaoui Farida
- P01.104 Obesity in the pregnancy and risk of pre eclampsia**
Renata Galvao Cintra, Nayara Santos Silva, Rayanni Prado De Lima, José Carlos Peraçoli
- P01.105 Cafeteria and fast-food diets induce different cardiometabolic outcomes but a similar neuroinflammation and social impairments in female rats**
Katarína Šebeková, Andrej Feješ, Petronela Sušienková, Radana Gurecká, Veronika Borbélyová
- P01.106 Association between BMI and efficacy of neoadjuvant chemo-immunotherapy in operable triple-negative breast cancer patients**
Yubo Shi, Yuxin Deng, Zhijun Liu, Jieqiong Liu
- P01.107 Superior efficacy and clinical translatability of CagriSema compared to Cagrilintide and Semaglutide in the diet-induced obese rat**
Ioannis Evangelakos, Nina Sonne, Anitta Kinga Sárvári, Marco Tozzi, Michael Feigh, Henrik H. Hansen
- P01.108 Association Between Variants in Genes Involved in the Metabolism of Uric Acid and the Risk of Type 2 Diabetes in participants with obesity or overweight**
Xanthippi Tsekmekidou, Theocharis Koufakis, Fotis Tsetsos, Marianthi Georgitsi, Nikolaos Papanas, Dimitrios Papazoglou, Peristera Paschou, Kalliopi Kotsa
- P01.109 The Effect of Vitamin D Levels on the Prevalence of Biochemical Osteomalacia in Young Adults**
Yagmur Izgi, Feray Akbas
- P01.110 Circulating cfDNA and Klotho-FGF axis biomarkers identify biologically distinct obesity phenotypes beyond BMI**
Diana Ariadel Cobo, Brisamar Estébanez González, Elena González Arnáiz, Diana García Sastre, María José Cuevas González, María Pilar García Pérez, María Dolores Ballesteros Pomar
- P01.111 Galectin-3: A Potential Marker in Patients with Type 2 Diabetes**
Monika Klimek-Tulwin
- P01.112 Increased glucocorticoid receptor sensitivity in individuals with obesity compared with lean individuals using an in vitro bioassay**
Robin Lengton, Mariëtte R. Boon, Anand M. Iyer, Mostafa Mohseni, Ceyda N. Ilhan, Jordy Renes, Willem A. Dik, Eliane F.e. Wenstedt, Eline S. Van Der Valk, Sjoerd A.a. Van Den Berg, Jenny A. Visser, Elisabeth F.c. Van Rossum
- P01.113 Comparison of Serum Leptin and Adiponectin levels in Adults with Metabolically Healthy and Metabolically Unhealthy Obesity**
Maha Z. AlRiyami, Razan Al Zadjali, Amira Al Kharusi, Jumana Saleh, Tahani K. Al Shuaili
- P01.114 Obesity in art history**
Michael Yafi, Mona Eissa
- P01.115 One- and Five-Year Incidence of Diabetes Mellitus and Its Determinants in Patients with Acute Pancreatitis**
Yelda Kocuyigit, Feray Akbas
- P01.116 Sensitivity of a food preference questionnaire to hunger variations following a standardised breakfast: validation study of a french version in the canadian population**
Élodie Jutras, David Larose Larose, Graham Finlayson, Juliette Lemay, Raphaëlle Jacob, Andréanne Michaud, Angelo Tremblay, Vicky Drapeau

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- PO1.117 Weight-Adjusted Waist Index: A Prominent Emerging Obesity Marker in Sarcopenic Obesity Screening**
Denizler Sezer, Serdar Özkök, Neslihan Hazel Önür, Tuğba Erdoğan, Şirin Zelal Şahin Tırnova, Şebnem Sıdika Güven, Deniz Seyithanoğlu, Mehmet Akif Karan, Gülistan Bahat
- PO1.118 Quantitative 3D high-resolution imaging of skeletal muscle morphology in aged lean and diet-induced obese mice**
Henrik H Hansen, Max Hahn, Nicolas Eskesen, Alex Addinsall, Anitta K Särväri, Estrid Pedersen, Kasper Andersen, Marco Tozzi, Urmaz Roostalu
- PO1.119 Metabonomic Determinants of Sarcopenia Incidence: A 14-year Prospective Study of 33,797 Participants**
Sehong Kim, Juhye Chung
- PO1.120 Osteosarcopenic adiposity and body composition alterations in apparently healthy postmenopausal women: A pilot study in academic employees**
Snjezana Petrovic, Biljana Pokimica, Danijela Ristic Medic, Anđelija Cukic, Aleksandra Arsic, Mina Muslic, Vesna Vucic
- PO1.121 Which Adiposity Marker Is Independently Associated with Muscle Strength in Obese Older Adults?**
Şebnem Sıdika Güven, Serdar Özkök, Cihan Kılıç, Şirin Zelal Şahin Tırnova, Denizler Sezer, Damla Gül Çetin, Deniz Seyithanoğlu, Huzeyfe Arıcı, Hümeyra Özalp, Tuğba Erdoğan, Gülistan Bahat Öztürk, Mehmet Akif Karan
- PO1.122 In vitro efficacy of an essential amino acid mixture in muscle atrophy development**
Letizia Spataro, Chiara Ruocco, Maurizio Ragni, Luca Canciani, Alessia Zanella, Michele Olivo Carruba, Alessandra Valerio, Enzo Nisoli
- PO1.123 Comparison of alternative indices in cardiovascular risk groups according to SCORE2 in women with obesity**
Safak Yigit, Fulya Calikoglu Barbaros, Ilhan Satman, Buket Akinci
- PO1.124 Losses of Fat-Free Mass, Skeletal Muscle Mass, and Organ Mass After Weight Loss: A Systematic Review and Meta-analysis**
Junyi Guo, Niamh Krik, Jia Jiet Lim, Kristine Beaulieu, R James Stubbs, Mark Hopkins
- PO2.013 Combinations of lifestyle behaviours and diabetes incidence: A Bayesian MAIHDA survival analysis of 259,448 UK Biobank participants**
Anuman Swain, Natalie Pearson, Scott Willis, George Leckie, Axel Finke, William Johnson
- PO2.014 Beyond Compliance: How a good communication drives better health outcomes**
Verónica Vázquez Velázquez
- PO2.015 Birth weight and diabetes risk in adulthood: Evidence from the 1970 British Cohort Study**
Mahdieh Shojaa, Shantanu Sharma, Norbert Schmitz
- PO2.016 Body weight awareness and sUpport for Mums during Pregnancy (BUMP2.0): a feasibility study**
Moscho Michalopoulos, Susan Jebb, Stella Haffner, Lucy Mackillop, Yuan Chi, Nerys Astbury
- PO2.017 Disordered Eating Support for Men: A Pilot Programme**
Asiye Busra Sirin Ayva, Nadine Heywood, Sophie Edwards, Paul Gately
- PO2.018 One Year Changes in Social Experiences after Bariatric Surgery**
Daniela Melitta Pfabigan, Fatemeh Asgari, Marius Svanevik, Jens Kristoffer Hertel, Uta Sailer, Jøran Hjeltnes
- PO2.019 AI-Driven Virtual Reality Simulation Training to Reduce Weight Stigma in Healthcare Communication**
Evelyne Mirjam Aubry, Caroline Heuberger, Ninetta Scura
- PO2.021 The effect of behavioural sleep interventions on glycated haemoglobin, HbA1c, in people with poor sleep health: a systematic review and meta-analysis of randomised controlled trials**
Samiul Mostafa, Wasim Hanif, Mamunur Rashid, Andreas Karwath, George Balanos, Krishnarajah Nirantharakumar, Jason Ellis, Abd Tahrani
- PO2.022 Later Meal Timing and Shorter Meal-Sleep Intervals Are Associated With Adverse Metabolic Profiles in the Korean Population: Evidence from KNHANES 2021**
Young Ah Choi, Jee-Hyun Kang

POSTER SESSION

- PO2.023** **Weight-neutral interventions for people with higher weight: systematic review of randomised controlled trials**
Petek Eylül Tanerî, Linda Wargers, Yang Guo, Jan Hindemit, Brenda Bongaerts, Maria Inti Metzendorf, Jane Noyes, Rainer Peelen, Rasmus Køster Rasmussen, Lene Meyer, Ralph Möhler, Juan V A Franco
- PO2.024** **Body weight changes in users of the Dietary Diary App, a mobile application promoting pro-healthy eating habits**
Lidia Wadolowska, Monika Jablonska, Beata Stasiewicz, Joanna Kowalkowska, Ewa Niedzwiedzka
- PO2.025** **Awareness and Adherence to Physical Activity Recommendations for Cancer Prevention in Malta**
Petra Jones, Rebecca Camenzuli
- PO2.026** **Beyond calorie tracking: a behaviour-change-informed feature checklist for weight-loss apps from systematic review evidence**
Muhammad Iqbal, Milca E Vidal, Michelle Morris, Janet Cade
- PO2.027** **Digital Game Addiction and Its Association with Abdominal Obesity in Young Adults**
Özge Esgin, Gökçe Ünal, Nurgül Kırıcı
- PO2.028** **How to Disrupt Harmful Corporate Political Activity? Comment on "Corporate Political Activity: Taxonomies and Model of Corporate Influence on Public Policy"**
Luc Louis Hagenaars, Joreintje Dingena Mackenbach
- PO2.029** **Association of obesity risk with changes in memory and processing speed among older adults**
Sang Joon An, Mi Hyang Jung, Choongki Kim, Min Jeong Kim, Youngchan Ahn, Chuljin Lee, Hyo Jin Ju
- PO2.030** **Ten years of insights on monitoring the corporate political activity of the food and beverage industry: a literature review**
Cédric N H Middel, Lorien Laville, Joreintje D Mackenbach, Melissa Mialon
- PO2.031** **Pouring Rights Contracts Between Soda Companies and Public Universities: An Institutional Barrier to Sugar-Sweetened Beverage Reduction**
Luc Louis Hagenaars, Jennifer Falbe, Laura Anne Schmidt
- PO2.032** **Effects of almond consumption on myeloid and lymphoid innate and adaptative immune cells: a randomized controlled trial**
Javier Mateu Fabregat, Laura Panisello, Nil Novau Ferré, Melina Rojas Criollo, Sara Martínez, Cristina Toda Ferran, Xavier Escoté, Mireia Barberà, David Garcia, Pierre Arcelin, Hamza Mostafa, Jose Moisés Laparra, Francisco Martín Luján, Mónica Bulló
- PO2.033** **Differences in dietary intake by sex and geographic macroregions among Chilean adult**
Camila Henríquez, Mirta Crovetto, María José Silva Montenegro, Sofia Mical Coñuecar Silva, Carla Sanguinetti Carvajal
- PO2.034** **Mediterranean Diet Adherence and Metabolic Health in Adults: A Pilot Study on Associations with Metabolic Syndrome, Obesity Phenotypes, Dietary Intake-Derived Indicators, and Inflammatory Biomarkers**
Merve Seylan, Gizem Deniz, Şule Arslan
- PO2.035** **Examining the structure of visual analogue scales to capture motivation to eat in fasting and post-meal conditions**
Amy Louise Perry, Clarissa A Dakin, Christina Duarte, Kristine Beaulieu, Nicola Buckland, Michelle Dalton, Anna Myers, Catherine Gibbons, Mark Hopkins, Graham Finlayson, Molly Blakemore, James Stubbs
- PO2.036** **Snack preferences among Chinese school-aged children: evidence from discrete choice experiments**
Wenwen Du, Chang Su, Huijun Wang
- PO2.037** **Economic evaluation of cognitive behavioural therapy in obesity and eating disorders: a systematic review**
Filip Mustać, Martina Matovinić, Darko Marčinko, Dinko Vitezić, Andrej Belančić
- PO2.038** **The Interplay of Picky Eating and Psychological Distress in Adults: Assessing the Mediating Role of Mindful Eating and Diet Quality**
Beyza Nur Kocabas
- PO2.039** **Relationships between ultra-processed food consumption, food addiction, psychological status, and obesity: a cross-sectional study in Turkish adults**
Meral Nur Kubilay, Tutku Tuncali Yaman

POSTER SESSION

- PO2.040** **Ultra-Processed Food Consumption, Impulsivity, and Difficulties in Emotion Regulation as Predictors of Food Addiction in Women**
Aliye Özenoğlu, Gökçe Ünal, Miray Akkaya Altunay
- PO2.041** **An Investigation of the Relationship between Food Neophobia, Orthorexia Nervosa Tendencies, Eating Attitudes, and Anthropometric Measurements in Adults**
Nedime Gündüz Kıl
- PO2.042** **Problematic eating behavior and gut dysbiosis in binge eating disorder and obesity**
Catarina Gomes, Alondra Abigail González Colunga, Maria Clara Guimarães Dantas, Sofia Amoedo, Clarisse Nobre, Eva Conceição
- PO2.043** **Traumatic circumstances during childhood and later use of benzodiazepines in women with obesity**
Filip Mustać, Martina Matovinović, Dinko Vitezić, Andrej Belančić, Darko Marčinko
- PO2.044** **Emotional appetite and eating behaviour characteristics in relation to BMI among adults**
Merve Pehlivan, Şeyma Nur Özten
- PO2.045** **Association between Fatty iver Index and Incident Hypertrophic Cardiomyopathy: A Nationwide Population-Based Cohort Study**
Mi-Hyang Jung, Sang Joon An, Choongki Kim, Min Jeong Kim, Youngchan Ahn, Chuljin Lee
- PO2.046** **Optimal BMI cut-offs associated with cardiometabolic risks in Arab and Middle Eastern populations: a systematic review and meta-analysis**
Salim Al Busaidi, Juhaina Al Maqbali, Jawahar Al Nou'mani, Thuraiya Al Harthi, Abdullah Al Alawi, Amira Nasser Al Kharusi
- PO2.048** **Adiposity and age-specific mortality among middle-aged Koreans in the Health Examinees Study**
Sooyoung Cho, Aesun Shin, Ji Yeob Choi, Jong-koo Lee, Daehee Kang
- PO2.049** **Healthy Weight Management Index: Development and Associations with Biological Aging in a Cross-Sectional Study**
Outi Rahikkala, Gabin Drouard, Leonie-Helen Bogl, Miina Ollikainen
- PO2.050** **New-onset Type 2 Diabetes And Obesity-related Cancer Risk: A Matched Cohort Study In UK Biobank With Proteomic Insights Into Biological Pathways**
Owen Tipping, Mengying Wang, Richard Martin, Matthew Sperrin, Andrew Renehan
- PO2.051** **Implications of novel definitions on the epidemiology and unmet need for care for obesity in South Africa**
Itai M'yambo Magodoro, Jennifer Manne-Goehler, Ronel Sewpaul, Mark Siedner, Lisa Micklesfield, Ntobeko A.B. Ntusi, Julia Goedecke
- PO2.052** **BMI, WHR, WC, VAT and colorectal cancer risk: comparison of associations within the UK Biobank full cohort with those from a select imaging sub-cohort**
Lee Malcomson, Michelle Harvie, Matthew Sperrin, Emma J Crosbie, Andrew G Renehan
- PO2.053** **Association of Sarcopenic Obesity with Cardiometabolic Multimorbidity among Older Adults**
Soo Lim
- PO2.054** **Neck-to-Waist Ratio as a Meaningful Proxy Indicator of Insulin Resistance Irrespective of Metabolic Risk Variables**
kyu rae lee, Ki Dong Ko, Heuy Sun Suh, Kyung Kon Kim, In Cheol Hwang
- PO2.055** **Beyond BMI: intersectional inequalities in its association with adiposity**
Joseph Hutchinson, Rebecca Hardy, Natalie Darko, David Webb, Francesco Zaccardi, William Johnson
- PO2.056** **Changes in body weight and adiposity, and their associations with cardiometabolic risk over 10 years: the Kaunas Cardiovascular Risk Cohort Study**
Asta Baskilienė, Janina Petkevicienė, Lina Šnipaitienė, Vaiva Lesauskaitė, Vilma Kriaucionienė
- PO2.057** **Association between adherence to the Mediterranean diet and inflammatory indices in adults with overweight and obesity: A Cross-Sectional Study**
Francesca Menichetti, Silvia Gallosti, Ramona De Amicis, Andrea Foppiani, Federica Sileo, Simona Bertoli, Alberto Battezzati, Alessandro Leone



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- P02.058 Neck circumference as a proxy for insulin resistance**
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- P02.059 Association between obstructive sleep apnea risk and obesity phenotypes in Korean adults: nationwide population-based study**
Sang Yong Kim, Young Sang Lyu
- P02.060 Association between lipoprotein(a) and new-onset metabolic syndrome in young and middle-aged Korean adults**
Byung Jin Kim, Jaehoon Chung
- P02.061 Metabolic health beyond body mass index: prevalence and determinants of metabolically unhealthy obesity in an urban Indian adult cohort**
Dr Vinayak Hiremath
- P02.062 Long-term Cortisol and Cortisone Levels as Predictors of Metabolic Syndrome Component Trajectories: a 7-Year Longitudinal Study**
Susanne Kuckuck, Nina Van Gerwen, Robin Lengton, Erik J. Giltay, Mariëtte R. Boon, Brenda W. J. H. Penninx, Elisabeth F. C. Van Rossum
- P02.063 Sex Differences in Cardiometabolic Profile and Metabolic Syndrome Prevalence Across BMI Categories: Kardioviez Brno Follow-up Study**
Robert Prosecky, Sarka Kunzova, Lucie Buresova, Vendula Kachlik
- P02.064 The Relationship Between Triglyceride–Glucose Index, Neck-to-Waist Ratio, and Insulin Resistance in Adults With Overweight and Obesity**
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- P02.065 Ten-Year Body Weight Trajectories in Maltese Adults: Patient-Centred Evidence from a Health Examination Sub-Cohort Across the COVID-19 Period**
Elizabeth Grech, Neville Calleja, Sarah Cuschieri
- P02.066 Relationship Between Obesity and Climacteric Symptoms in a Uruguayan Population**
Romina Cigarán, Julieta Laens, Julieta Paredes, Sofia Perez, Nicoll Piaggio, Catalina Ramirez, Mercedes Piñeyro, Clara Casella, Patricia Aguero
- P02.067 Prevalence of obesity and associated comorbidities in El Trebol, Santa Fe, Argentina**
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- P02.068 The rising prevalence of obesity in Finland: Trends and forecasts, 2000-2040**
Anniina Ojanen, Tuija Jääskeläinen, Tarja Palosaari, Jaakko Reinikainen, Suvii Parikka, Annamari Lundqvist
- P02.069 Comparing Machine Learning Algorithms and SHAP-Based Feature Importance for Diabetes Risk Prediction in Tunisia**
Mariem Zribi, Firas Zaier, Hajer Aounallah Skhiri
- P02.070 Frailty and Adiposity Phenotypes in Internal Medicine Inpatients: Evidence from a One-Month Hospital Census**
Theocharis Koufakis, Nikolaos Devrikis, Frideriki Karanikola, Anastasia Sarvani, Konstantinos Stavropoulos, Dimitrios Patoulias, Olga Giouleme, Michael Doumas
- P02.071 Trends in Anthropometric Measurements from Early Adolescence to Late Adulthood: Kaunas Cardiovascular Risk Cohort Study**
Lina Snipaitiene, Janina Petkeviciene, Asta Raskilienė, Vilma Kriauciūnienė
- P02.072 Obesity in Croatia: Updated Epidemiological Data from the EH-UH 2 Study**
Andrej Belančić, Ivan Pećin, Mihaela Marinović Glavić, Matea Bilobrk, Lovorka Bilajac, Mirjana Fuček, Ana Jelaković, Martina Matovinović, Maja Baretić, Kristina Paponja, Juraj Jug, Rea Levicki, Luka Prgomet, Zrinka Šmuljić, Ida Štimac, Helena Polanščak, Davor Štimac, Sanja Klobučar, Bojan Jelaković
- P02.073 Temporal Trends in Ischemic Heart Disease Mortality in Tunisia: Evidence from the National Causes-of-Death Information System (2020–2023)**
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- P02.074** **Effect of the smoking, regular physical exercise and BMI on heart rate and blood pressure in Hungary's Comprehensive Health Screening Program based on data published in 2015-2019**
Eszter Halmy, Gergely Dankovics, Istvan Barna, András Paksy
- P02.075** **Alcohol Consumption: Associations with Obesity-Related Anthropometric and Body Composition Indicators**
Ezgi Altay, Eda Keskin
- P02.076** **Evaluation of nutrition and health claims and contributions to protein requirements of high-protein snacks sold in Türkiye**
Sude Murat, Hilal Hizli Güldemir
- P02.077** **Critical Evidence Gaps on Obesity–Climate Dynamics in small countries: A Systematic Review**
Sarah Cuschieri, Kristina Marie Scerri, Nicholas Sammut, Clara Joy Grech Enriquez, Matthew Sheridan, Nicole Chetcuti, Raffaele Sigona, Michael Farrugia, Conor Shaw, Nikolas Camilleri, Desiree Sant, Andrea Cuschieri
- P02.078** **Strategies and tactics to support the adoption of food environment policies: Systematic review and best-fit framework synthesis**
Kerstin Sell, Alicia Durán Egaña, Stefanie Vandevijvere, Jule Marie Schmitz, Carmen Klinger, Ben Goedons, Nora Anton, Greet Cardon, Peter von Philipsborn, Eva Rehfuess
- P02.079** **Salt and sugar reformulation of food and beverages: results of a five-year national agreement in Portugal**
Inês Castela, Diana Lopes, Inês Figueira, Joana Carriço, Marta Figueira, Maria João Gregório
- P02.080** **Evaluation of sugar and energy content of sugar-sweetened beverages in Türkiye: a cross-sectional market survey**
Kawther Hashem, Berra Bilden
- P02.081** **Poverty, Food Insecurity, and Hunger in Chronically Sick Lebanese Adults post-2019**
Nicole Fakhouri Sayegh, Joyce El Zailah, Nour El Helou, Tatiana Papazian, Mireille Harmouche Karaki, Nathalie Yaghi
- P02.082** **Sex-Specific Associations Between Body Mass Index and Vascular and Cardiometabolic Diseases: Evidence from 233,730 Patients in Germany**
Ximena Orozco Ruiz, Susanne Van Der Beck, Sarah Rickwood, Olivia Meadowcroft, Karel Kostev
- P02.083** **Estimating the Hospitalization Burden of Obesity in Europe: Evidence from the European Health Interview Survey (EHIS) Wave 3**
Muhammad Adzran Che Mustapa, Noah Larvoe, Marwan El Ghoch, Zein Kallas
- P02.084** **Clinical and economic burden of obstructive sleep apnea: cardiovascular outcomes, mortality, and health-care resource utilization in a nested matched case-control analysis, United Kingdom**
Brendan M Milanes, Heather Fitzke, Elisa Allen, Helene Vioix, Eva Lau, Kevin G Pollock
- P02.085** **Predicting Long-Term Employment After Bariatric Surgery Using Pre- and Post-Surgery Predictors**
Andreas Wacher Fuglsang, Nicolai Damslund, Carsten Dirksen, Kirstine Nyvold Bojsen Møller, Kim Rose Olsen
- P02.086** **Evaluating the local impacts of HFSS advertising restrictions on health, economics, and inequality in England: A case study of Sheffield**
Esther Zvikomborero Chanakira, Penny Breeze, Chloe Thomas, Charlotte Rose Head, Duncan Gillespie, Colin Angus, Alan Brennan
- P02.087** **Age-Specific Associations Between Body Mass Index and All-Cause Mortality in Adults: Implications for Obesity Assessment Across the Lifecourse**
Wan Yi Shen
- P02.088** **Body Mass Index and Disease Onset in Ageing Populations in Europe**
Shaea Alkahtani, Rizwan Qaisar, M Azhar Hussain
- P02.089** **Sleep and Interpersonal Functioning, Not BMI, Drive Somatic Symptom Burden in Young Adults: A Multivariable Analysis**
Monika Bak-Sosnowska
- P02.090** **Beyond weight loss: A photovoice study on positive health after bariatric surgery**
Laura Verbeyst, Liese Stals, Marte Wuyts

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- PO2.091** **Body size perception among adults with obesity: Differences between bariatric surgery candidates and noncandidates**
Victor Suárez Aragonés, Santiago Magallanes Santos, Gemma Parramon Puig, Josep Antoni Ramos-Quiroga, María Sonsoles Cepeda Díez, Andreea Ciudin Mihai
- PO2.092** **Beyond weight loss: A qualitative study on how bariatric surgery shapes daily life and well-being from a positive health perspective**
Laura Verbeyst, Liese Stals, Marte Wuyts
- PO2.093** **Evaluation of the relationship between ultra-processed food consumption and emotional state in adult women: preliminary results**
Gökçe Sueda Aydoğdu, Nazan Erenoğlu Son
- PO2.094** **Dietary inflammatory potential shapes immune and proteomic signatures in people with obesity: obesity-dependent and -independent effects**
Pierre Emmanuel To Volard, Rosalie Delvert, Hedi Soula, Sébastien Andre, Véronique Mateo, Karine Clément
- PO2.095** **Global patterns of food-away-from-home consumption: a cross-sectional study of nationally representative surveys from 65 countries**
Mubarak Ayodeji Sulola, Michaela Theilmann, Global Health And Population Project On Access To Care For Cardiometabolic Diseases (hpacc) Collaborators, Sang Gune K Yoo, David Flood, Till Bärnighausen, Maja Emilia Marcus, Jennifer Manne Goehler, Sebastian Vollmer
- PO2.096** **Front-of-pack food labelling as a public health tool to support healthier choices and obesity prevention: evidence from Malta**
Shania Cardona, Nairong Zhang, Kimberly Galea, Sarah Cuschieri
- PO2.097** **Chronotype and its relationship with sleep quality and dietary habits among academics**
İdil Alpat Yavaş, Aysun Yüksel
- PO2.098** **Association Between Peripheral Metabolic Signals of Appetite and Eating-Behaviour Traits: Secondary Analysis of a Randomised Controlled Trial**
Bothinah Jurabi, Dalia Malkova, James Dorling
- PO2.099** **Factors influencing purchase intention and willingness-to-eat moringa-modified bread: a sensory acceptance study**
Aishat Mary Momodu, Ada Garcia, Emilie Combet
- PO2.100** **Investigation of the Relationship Between Ultra-Processed Food Consumption and Anthropometric Measurements**
Sanem Güven, Ebru Eker, Hatice Gül, Tuba Tunca, Vesile Yağmur Çelik, Pınar Kural Enç, Şefika Aydın Selçuk
- PO2.101** **Pregnancy as a Critical Window: An Integrative Review of Nutrition and Food Safety Knowledge and Attitudes**
Nina Zahra, Petra Jones, Georgette Spiteri
- PO2.102** **Association between fruit and vegetable intake, foods and beverages with added sugars, and dental caries in children aged 2–12 years**
Yajaira Acosta Romo, Ana Lilia Armendariz Anguiano, Diana Bueno Gutierrez, Glenda Diaz Ramirez, Naysin Yaheko Pardo Buitimea, Oscar Omar Ramos Lopez
- PO2.103** **Feasibility, acceptability, and behavioural predictors of adherence to low-carbohydrate, intermittent energy restriction, and intermittent carbohydrate-restricted diets**
Hayriye Biyikoglu, Adam L Collins
- PO2.104** **Analysis of the Prevalence Characteristics and Influencing Factors of Different Obesity Indicators Among Adult Residents in Beijing in 2022**
Jiali Duan
- PO2.105** **Adipose tissue and adherence to the Mediterranean Diet: key factors for sleep quality in PCOS?**
Martina Galasso, Ludovica Verde, Annamaria Colao, Luigi Barrea, Giovanna Muscogiuri
- PO2.106** **Dietary profile and its association with nutritional status and the presence of non-communicable diseases in Chilean adults**
Mirta Crovetto, Camila Henríquez, Sofia Mical Coñuecar Silva, María José Silva Montenegro, Carla Sanguinetti Carvajal

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- PO2.107** **Dietary Quality, Nutrient Intake, and Serum Vitamins A and E in Metabolic Dysfunction–Associated Steatotic Liver Disease (MASLD): A Nationwide Population-Based Study**
Yeong Sook Yoon
- PO2.108** **Gender-based differences in eating patterns and lifestyles among students in primary and secondary schools**
Beatrice Scazzocchio, Annalisa Silenzi, Letizia Giona, Alessia Tammaro, Giulia Zanchi, Valentina Monteleone, Carmela Santangelo, Massimo D'archivio, Rosaria Vari
- PO2.109** **Pre-Pregnancy BMI and maternal nutrition across gestation: Lessons from a Brazilian cohort**
Mainara Abdel Nour, Nicolly Porto Marin, Daiane Sofia De Moraes Paulino, Fernanda Garanhani De Castro Surita, Marina Maintinguer Norde, Natalia Ferreira Mendes
- PO2.110** **Could emotional eating and food addiction cope academic tension of studying medicine? A cross-sectional study in Egypt**
Mira Maged Abu Elenin, Mohamed Qudaih, Isen Ahmed Elshora, Esraa Mohamed Elshora
- PO2.111** **Body Image and Nutrient Intake Among Adults: A Cross-Sectional Evaluation**
Beysanur Çamlıbel, Ceren İşeri, Elif Öztürk, Merve Kızıl, Sude Melis Şahin, Gamze Akbulut
- PO2.112** **Analysis of Milk Consumption and Associated Factors among Primary and Secondary School Students in Beijing**
Liyu Huang
- PO2.113** **Obesity Paradox Revisited: The Role of Muscle in the Link Between Body Composition and Depression in Aging**
Ezgi Pinar, Serdar Özkök, Özge Can Ceylan, Zeynep Fetullahoğlu, Emine Aşçı civelek, Şebnem Sıdıka Güven, Denizler Sezer, Şirin Zelal Şahin Tırnova, Tuğba Erdogan, Mehmet Akif Karan, Gulistan Bahat
- PO2.114** **Body Fat Percentage Modulates the Sex-Specific Dose-Response Relationship Between Cardiorespiratory Fitness and Cognitive Function in Older Adults: A cross-sectional analysis of 48,770 participants from China**
Chao Qun Fan, Kai Kai Xu, Zong Hao Sun
- PO2.115** **The Study of How Adiposity in Pregnancy has an Effect on outcomes (SHAPES) Cohort: Evaluating Early Pregnancy Adiposity Measures for Predicting Gestational Diabetes Mellitus (GDM) risk**
Giang T Nguyen, Moha Shojaei, Raya Vinogradov, Dawn Teare, Janine Smith, Luke Vale, John Allotey, Nicola Heslehurst
- PO2.116** **The perception of obesity by physicians trained as obesity specialists**
Dilek Yazıcı, Abdüsselam Sekerci, Kemal Ozan Lüle, Betül Doğanekin, Fatih İleri, Burak Özbaş, Esra Özsoy Karaokay, Özge Özer, Ercan Yiğit, Nurgül Bilger, Volkan Yumuk
- PO2.117** **Clustering individuals varying in BMI on multidisciplinary factors related to body weight to identify risk profiles for obesity**
Jikke Hesen, Eva Vanbrabant, Codrin Mironiuc, Suzan Jordan, Lotte Lemmens, Yuliya Shapovalova, Gijs Goossens, Anne Roefs
- PO2.118** **Orthostatic Autonomic Adaptation in Healthy Adults: Age, Sex and Visceral Adiposity Outweigh Psychosocial Factors**
Ivan Majercak, Ivana Jochmanova, Milos Slepceky, Antonia Kotianova, Michal Kotian, Jan Prasko, Marta Zatkova
- PO2.119** **Exploring experiences and support needs in weight management: Insights from service and non-service users**
Sara Jalali Farahani, Tracey Johns, John Day, Sofia Psoma, Mariachiara Di Cesare
- PO2.120** **Public Perceptions of Obesity in the UK are Changing: A National Survey Shows a Decline in Blame Narratives and Growing Recognition of Obesity as a Disease**
Zoe Griffiths, Rebecca A Jones, Harriet Allner
- PO2.121** **The non-high-density lipoprotein cholesterol to high-density lipoprotein cholesterol ratio as a predictor of cardiovascular and all-cause mortality in patients with metabolic dysfunction-associated steatotic liver disease: evidence from NHANES III**
Zongliang Yu, Lingling Li, Rui Gao
- PO2.122** **Longitudinal associations between lifestyle patterns and health-related quality of life in adults with type 2 diabetes and obesity**
Qian Zou, Rafael Ogaz González, Gerton Lunter, Eva Corpeleijn

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- P02.123 Obesity as an Independent Predictor of Dyspnea-Related Emergency Department Revisits: A Retrospective Cohort Study**
Mi Seung Shin, Joonpyo Lee, Alber Youngwoo Jang
- P02.125 The perception of obesity by patients followed by obesity specialists**
Dilek Yazıcı, Abdüsselam Şekerci, Kemal Ozan Lüle, Betül Doğanekin, Fatih Ileri, Burak Özbaş, Esra Özsoy Karaokay, Özge Özer, Ercan Yiğit, Nurgül Bilger, Volkan Yumuk
- P02.126 Higher cardiorespiratory fitness is associated with lower metabolic syndrome burden and prevalence in 39,197 UK adults**
Scott A Willis, Daniel J Cuthbertson, Kevin Deighton, Christopher Goodwin, Shelley E Keating, Jonathan G Stine, Christopher Ja Pugh, Gael Ennequin, David J Stensel, Guruprasad P Aithal, Thomas Yates, James A King
- P02.127 Changes in Physical Activity Levels in Ireland over time: Differences by Education and across Body Mass Index groups**
Gintare Valentelyte, Samira B. Jabakhanji, Edward E. Gregg
- P02.128 Identifying Optimal Obesity-Related Indicators for Hypertension Prediction and Their Dose-Response Relationships in a National Survey of 110,000 Chinese Adults**
Jingjing Wang, Chenglong Wang
- P02.129 Clinical Obesity among Chinese Adults: Prevalence, Multi-morbidity Burden, and Associations with Physical Activity**
Zhuoren Wang, Changchang Su, Wenwen Du, Huijun Wang
- P02.130 Joint association of physical activity and body mass index with work ability in the Finnish adult population**
Jouni Lahti, Tuija Jääskeläinen, Annamari Lundqvist
- P02.131 Effectiveness of a 6-month Land-Based and Water-Based Exercise Intervention on Body Composition and Physical Fitness in Women with Fibromyalgia: The al-Andalus Quasi-Experimental Study**
Luis Enrique Bañuelos-Terés, Inmaculada C. Álvarez Gallardo, Blanca Gavilán Carrera, Víctor Segura-Jiménez, Fernando Estévez-López, Pedro Acosta-Manzano, Ana Carbonell-Baeza, Manuel Delgado-Fernández, Jonatan R. Ruiz
- P02.132 Long-term effect of attending sports school compared to conventional schools on attained fat mass, body mass index and waists circumference in early adulthood**
Mina Nicole Händel, Andreas Kristian Pedersen, Susanne Nemholt, Berit Lilienthal Heitmann, Bo Abrahamson, Niels Wedderkopp
- P02.133 Impact of resistance training by electromyostimulation on glycemic and lipid metabolisms of Tunisian diabetic pilot**
Amel Souissi
- P02.134 Effect of whole-body electromyostimulation (WB-EMS) on muscle strength and body composition in people with a sedentary lifestyle and prediabetes**
Mahdieh Shojaa, Norbert Schmitz, Katharina Knaub
- P02.135 Enacting healthy checkout policies: lessons from Berkeley and Perris, California, the first two cities in the world to enact such policies**
Luc Louis Hagensaars, Laura Anne Schmidt, Jennifer Falbe
- P02.136 Public support on food and nutrition public policy to prevent obesity: a national representative study in portuguese population**
Inês Figueira, Diana Lopes, Joana Carriço, Tiago Durães, Inês Castela, Pedro Graça, Maria João Gregório
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Georgia Colleluori, Eugenia Romano, Federico Serra, Iris Zani, Melania Manco, Silvio Buscemi, Paolo Sbraccia, Luca Busetto
- P02.138 Giving fruits and vegetables a tax break: lessons from a Dutch attempt**
Luc Louis Hagensaars, Joreintje Dingena Mackenbach
- P02.139 Randomised controlled trials examining the impact of alcohol calorie labelling on alcohol and energy consumption in the out-of-home food sector: an effective obesity policy?**
Thomas Gough, Rebecca Evans, Jane Brealey, Amy Finlay, Andrew Jones, Rachel Pechey, Peter Scarborough, Eric Robinson

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- P02.140** **Joint effect of living arrangement and BMI on all-cause mortality in Korean middle-aged and older adults: the double burden of social isolation and underweight**
JaeHyuck Lee
- P02.141** **What should we be saying to policy makers and the community about non-sugar sweetened beverages?**
Caroline Miller, Joanne Dono, Kerry Ettridge, Enola Kay
- P02.142** **Insights from the ELPA European Liver Screening Week 2025**
Richard Hall, Jacques Schuurman, Lydie Moreaux, Julie Odienne, Marko Korenjak, Milan Mishkovikj, Veronika Vsetickova, Beatrice Credi
- P02.143** **A Multi-Sectoral, Integrated Health System Strategy for Population Weight Management in Macau: Bridging Clinical, Community, and Policy Initiatives**
Hio Wai Leong, Monica Pon, Lam Lam, Hou Ng
- P02.144** **Obesity as a "background condition": why obesity in older adults remains undertreated in high-access health systems**
Yuan Hsin Liu
- P02.145** **Are Public Health Policies on obesity a priority at spanish congresses on endocrinology, nutrition and obesity? Analysis of the presence of related presentations between 2020 and 2025**
Rosa Gómez Almendros
- P02.146** **Mapping Türkiye's obesity journey: awareness, behaviors, and financial impact**
Toker Erguder, Hulya Sirin, Cagri Emin Sahin
- P02.147** **Why we struggle to make progress in obesity prevention and how we might overcome policy inertia: Lessons from the complexity and political sciences**
Luc Hagenaars, Laura Schmidt, Joost Oude Groeniger, Marleen Bekker, Fleur ter Ellen, Evelyne de Leeuw, Frank van Lenthe, Karen Oude Hengel, Karien Stronks
- P02.148** **Title: Beyond Clinical Care: China's Population-Level Strategies in Obesity Prevention and Control**
Yueyi Tong
- P02.149** **Knowledge and Perceptions of Bariatric Surgery in Poland: a national cross-sectional study**
Michał Bystram, Monika Proczko-Stepaniak, Marlena Robakowska, Anna Koelmer
- P02.150** **Comprehensive multidisciplinary treatment of obesity within the National Health Fund**
Aleksandra Puch Walczak, Katarzyna Szymgel, Michal Hoffmann, Tomasz Stefaniak, Jaroslaw Kobiela, Agata Wojciechowska, Monika Proczko Stepianiak, Justyna Bigda, Michal Szymanski, Maciej Wilczynski
- P02.151** **Hungary's Comprehensive Health Screening Program. Analysis of metabolic parameters of (NACOHESP-HU) 2010-2020-2030**
István Barna, Eszter Halmy, Ede Kékes, Gergely Dankovics
- P02.152** **Educational-level differences in the association between obesity and work ability among Finnish women and men**
Tuija Jääskeläinen, Annamari Lundqvist, Jouni Lahti
- P02.153** **Wegovy demonstrates inherent socioeconomic equity: no deprivation gradient in clinically significant weight loss achievement across 56,585 adults in a UK digital weight loss service**
Hans Johnson, Ashley Kieran Clift, Dan Reisel, David Huang
- P02.154** **Climate Vulnerability and Obesity Among Adults: The Role of Income Inequality in a Longitudinal Cross-Country Analysis**
Furkan Alp Eren
- P02.155** **Socioeconomic Inequalities in Mean BMI Across Age, Periods, and Cohorts: A Synthetic Cohort Study of Portuguese Adults (1998–2019)**
Berta Valente, Joana Araújo
- P02.156** **Sustaining Confidence Beyond the Scale: A Longitudinal Intervention to Reduce Weight Stigma Among Adults Living With Obesity**
Priti Chawla Karunakaran, Sandra Elia, Sandy Van

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- P02.157** **The influence of health literacy and self-stigmatisation on health seeking behavior in people living with obesity**
Hanne Vandeveldde, Lucas Schreurs, Diederik De Cock, Miche De Meyer
- P02.158** **Internalised Weight Bias and Healthcare Avoidance Among UK Adults: Evidence from a National Survey Using the Weight Bias Internalisation Scale**
Zoe Griffiths, Rebecca A Jones, Harriet Allner
- P02.159** **Women's intersectional experiences of weight stigma across the life course: findings from an international qualitative study**
Shelina Visram, Claudia Luck-Sikorski, Marie Bernard, Jordyn Cox, Jennie Sofia Portice, Angela Alberga, Amy Alex, Elizabeth Evans, Ruth Graham, Nicola Heslehurst, Judith Rankin, Ximena Ramos Salas, Mark Rubin, Taniya Nagpal
- P02.160** **Healthcare professionals also experience weight stigma: evidence on lived stigmatizing experiences in Brazil**
Paula Victoria Sozza, Eva Penelo, Maria Fernanda Laus, Telma Maria Braga Costa, Sebastião Almeida, David Sánchez-Carracedo
- P02.161** **Experiences and impact of diabetes-related stigma in adults with type 2 diabetes: a mixed-methods systematic review**
Ellen Victoria Hopwood, Clare L Gillies, Sonia Khavere, Bernie Stribling, Kamlesh Khunti, Melanie J Davies, Michelle Hadjiconstantinou
- P02.162** **Physical Health Issues Associated with Weight Bias and Stigma in Adults living with Obesity: Preliminary Results**
Nour Barati, Vladyslav Shapoval, Torsten Bohn, Wafa Troudi, Ghalia Eltaif, Houbeb Rmadi, Ximena Ramos Salas, Hanen Samouda
- P02.163** **Stigmatization and Its Effects in Individuals With Obesity**
Cagatay Selcuk Var, Feray Akbas
- P02.164** **Associations Between Preferences for Weight-Related Terminology and Weight Self-Stigma**
Berta Valente, Elizabeth Baldéon, Joana Araújo
- P02.165** **Investigation of Obesity Stigma and Associated Factors Among Nutritional Science Students: A Cross-Sectional Questionnaire Study**
Takehiro Nozaki, Yurina Uemura, Ken Ichiro Koyama, Honoka Yoshida, Masaki Kato, Hisaya Kawate
- P02.167** **Examining the Impact of Digital Nutritional Literacy on Self-Stigma and Eating Awareness: A Pilot Study**
Kübra Demir, Sultan Aslanhan, Serap Andac
- P02.168** **Green Eating Behaviors, Mediterranean Diet Adherence, and Diet Quality: A Cross-Sectional Study Among University Students**
Göksu Tabak, Gözde Arslanbulut, Mürvet Erdem, Feyza Nur Başarır Sivri, Yasemin Çakır Gökçürt
- P02.169** **Beyond Calories: Mapping Bidirectional Impacts of the Obesity and Unsustainability**
Seyyed Reza Sobhani, Mehran Zareian, Zahra Namkhah
- P02.170** **The relationship between food inflation's impact on nutritional behavior and sustainable food consumption among generation z students**
Sevinç Eser Durmaz, Cansu Ergenç Özdaş
- P02.171** **Improving Weight Monitoring and Metabolic Risk Identification for People with Learning Disabilities Prescribed Antipsychotic Medication: A Quality Improvement**
Irem Deniz, David Prior, Hannah Style, Hilary Evans, Nicole Eady
- P02.172** **Nutritional Status and Sociodemographic Characteristics in Individuals with Severe Mental Disorders (SMD): A Comparative Analysis with the General Population**
Lidija Šoher, Martina Pavlič, Milica Cvijetić Stokanović, Daniela Čačić Kenjerić
- P02.173** **Investigation of the Relationship Between Serum Ferritin Levels, Nutrition, and Obesity in Postmenopausal Women**
Fatmanur Ozyurek Arpa, Gülgün Ersoy
- P02.174** **Empowering women to Breastfeed and Sustaining Exclusive Breastfeeding in a High Cesarean Section Population: Results from Health4Eukids project**
Emmanuella Magripis, Giannelou Giannelou, Eleni Papachatzí, Niki Myrintzou, Apostolos Vantarakis



POSTER SESSION

- P03.013** **Adult-based polygenic scores for physical activity and sedentary behaviour in children and adolescents – Associations with physical activity, sedentary behaviour, adiposity and cardiometabolic risk factors**
Axel Illeris Poggi, Yun Huang, Louise Aas Holm, Maria Martens Fraulund, Cilius Esmann Fonvig, Torben Hansen, Jens-Christian Holm
- P03.014** **Clinical and genetic studies of children with mutations in genes associated with Bardet-Biedl syndrome: a case series**
Victoria Voinova, Olga Groznova
- P03.015** **Associations of selected lifestyle risk factors with overweight/obesity among Lithuanian adolescents: a cross-sectional study**
Virginija Dulskienė, Renata Kučienė, Ieva Blauzdė, Jūratė Medžionienė
- P03.016** **Tailoring Integrated Support and Care for Overweight and Obesity to Adolescents living in The Netherlands: Perspectives of Adolescents and Health Care Professionals**
Bibian van der Voorn, Nanda Van Der Poel, Renée Ijzerman
- P03.017** **Evidence of PCOS in teenagers with obesity and type 2 diabetes**
Michael Yafi, Sadaf Faiz, Khubaib Ahmed, Michael Wassef
- P03.018** **Overweight and obesity status among first grade students across ten Lithuanian counties: results from the 2023 growth surveillance study**
Aurelija Salomskiene, Ausra Petrauskiene, Vita Speckauskiene
- P03.019** **Depression in Adolescents with Severe Obesity: A Population Comparison**
Michael Yafi, Mohammad Abdulmonem, Syed Hashmi, Mona Eissa
- P03.020** **Harnessing Youth Voice and Parent/Carer Wisdom to Shape a New Transition Service for Holistic, Community-based Weight Management**
Georgina Yan, Jasmine Hindle, Nikki Davis
- P03.021** **Pediatric obesity and TSH levels**
Michael Yafi, Sadaf Faiz, Khubaib Ahmed
- P03.022** **How early life factors and growth trajectory shape epicardial adipose tissue volume in young adults**
Karine Aouchiche, Bénédicte Gaborit, Ines Abdesselam, Monique Bernard, Frank Kober, Patricia Ancel, Umberto Simeoni, Elisabeth Jouve, Rachel Reynaud, Anne Dutour
- P03.023** **A personalized recommendation system framework for the prevention and management of overweight and obesity in childhood and adolescence: The case of BIO-STREAMS Clinical Intervention Study**
Penio Kassari, Vasiliki Papageorgiou-Anagnostou, Valerios Chatzianastasiou, Sofia-Maria Genitsaridi, Eleni Ramouzi, Stamatis Romas, Marina Papadopoulou, Christos Nikitas, Izidor Mlakar, Marios Prasinou, Anastasios Gogos, Stavros Pitoglou, Marianna Panagiotidou, Eleni Georga, Elena Politi, Michael Georgoulis, Meropi Kontogianni, Eleftheria Vellidou, Evangelia Charmandari, on behalf of BIO-STREAMS Consortium
- P03.024** **A randomised feasibility trial to assess the use of a digital intervention to treat excess weight in adolescents**
Melissa Little, Susan Jebb, Sarah Wane, Paul Aveyard
- P03.025** **Semi-Digital Care Versus Standard In-Person Care for Childhood Obesity: A Randomized Non-Inferiority Trial**
Terese Torstensson, Josefine Roswall, Jari Martikainen, Marie Löf, Jenny M Kindblom, Lovisa Sjogren
- P03.026** **Birthweight and young adult BMI and the risk of early-life stroke**
Lina Lija, Erik Bülow, Klara Hemmed, Jari Martikainen, Jenny Kindblom, Maria Bygdell
- P03.027** **Prospective breastfeeding history in early childhood: national data among children aged 6–8 years in Ukraine**
Yulija Kotykovych, Olena Zaporozhska, Yuliia Arabska, Vladyslav Zbanatskyi, Andrii Skipalskyi, Tetyana Skapa, Oleksandr Yurchenko, Olga Gvozdzetska
- P03.028** **Childhood Obesity as a Predictor of Adult Physical/Functional Mobility; a Protocol for Systematic Review**
Muhammad Abu Bakar, Nicholas Clarke, Clodhna McGowan, Edward Gregg, Killian Ross Walsh, Grace O'malley
- P03.029** **Childhood body mass index trajectories and the risk of endometrial cancer subtypes: A cohort study**
Julie Rose, Jennifer L. Baker, Elisabeth W. Andersen, Louise Baandrup, Susanne K. Kjær, Julie Aarestrup



POSTER SESSION

- P03.030** **Profile of the pediatric population of a nutritional outpatient clinic in São Paulo - Brazil: there is successful intervention without new strategies?**
Renata Maria Galvão De Campos Cintra, Thataba Koester Weber, Luiza Cristina Godim Domingues Dias, Julia Cury Cunha, Maria Beatriz Dotigatti Marcelino
- P03.031** **Sleep duration and recommendations in relation to body fat levels in children and adolescents in Kraków (Poland)**
Lukasz Kryst, Magdalena Żegleń, Weronika Dagmara Bogusz, Julia Badzińska, Małgorzata Kowal, Mariola Agnieszka Woronkowicz
- P03.032** **From evidence to action: practice-oriented recommendations for prevention and treatment of overweight and obesity in children and adolescents**
Renée IJzerman, Anne Krijger, Nanda van der Poel, Koen Joosten, Bibian van der Voorn
- P03.033** **Step-up: evaluation of a pilot family-based programme to support healthy weight management in children and young people**
Georgette Alayyan, James Barratt, Lizzy Chalk, Nikki Davis, Lauren Kelly, Laura Malone, Carrie Miller, Tayla Roberts, Vasiliki Vasileiou
- P03.034** **Harmonising sociodemographic variables and behavioural outcomes for individual participant data meta-analysis: a case study in early childhood obesity prevention**
Kylie E Hunter, David Nguyen, Sol Libesman, Jonathan Williams, Jannik Aagerup, Brittany J Johnson, Anna Lene Seidler
- P03.035** **Overweight and obesity among children with autism spectrum disorder: challenges within families and (pre-)schools – a mixed-methods study for enhanced understanding and improved support strategies**
Clara Onell, Kajsa Järholm
- P03.036** **The importance of authentic caregiver involvement to improve measurement within early childhood obesity prevention research**
Dimity Dutch, Moira Duffy, Eibhlin Looney, Karen Matvienko Sikar
- P03.037** **Differences in Nutritional and Bioactive Profile of Human Milk from Mothers with Lower vs Higher Body Fat: A Case-Control Study**
Monika Anna Zielinska Pukos, Jadwiga Hamulka, Joanna Bryś, Małgorzata Tańska, Sylwester Czaplicki, Magdalena Orczyk Pawilowicz, Anita Froń, Joanna Frąckiewicz
- P03.038** **Evaluation of outcome measurement instruments used to measure caregiver feeding practices, feeding environment, diet, and weight-related outcomes in infants to support standardised measurement in early childhood obesity prevention interventions**
Dimity Dutch, Moira Duffy, Eibhlin Looney, Karen Matvienko Sikar
- P03.039** **Adiposity Rebound or Fat-Free Mass Anabolism in Children – Challenging a 42-Year-Old BMI puzzle with Waist-to-Height Ratio**
Andrew Agbaje
- P03.040** **Parental Practices in Infant Feeding as a Mediator Between Mindful Parenting and Infant Feeding Behaviors**
Iris N Perez-Garcia, Yolanda Flores-Peña, María C Rodríguez-Alejo, Mayela Rios-Ponce
- P03.041** **Changes in carotid extra-media thickness (EMT) in adolescents with obesity during a multidisciplinary care for with severe obesity**
simon_mazeaud, Claire Lise Gay, Gael Metzler, Delphine Masson, Magalie Garcia, Agnes Vinet, Sophie Antoine-Jonville
- P03.042** **Differing Cardiometabolic Risk Predictive Ability of Waist-to-Height Ratio and Body Mass Index in Youths with Severe Obesity**
Mahidere W. Ali, Douglas R. Corsi, Eugene Enimah, Adele Bondesan, Diana Caroli, Laura Abbruzzese, Alessandro Sartorio, Andrew O. Agbaje
- P03.043** **Identifying Cardiometabolic Risk in Childhood Obesity: A Phenotypic Clustering and Machine Learning Approach**
Nadirah Ghenimi, Ali Othman Albaji, Elhadi H Aburawi

POSTER SESSION

- P03.044** **Comparison of metabolic profile according to ultra-processed food consumption in children with and without excess weight**
Cecília Lacroix De Oliveira, Jorge Mateus Dos Reis Teixeira, Cecília Noronha De Miranda Carvalho, Elisabeth De Amorim Machado, Isabel Rey Madeira, Beatriz Louise Costa Themistocles, Fernanda Mussi Gazolla Jannuzzi, Paulo Ferrez Collett-Solberg
- P03.045** **Relationships of Overweight and Obesity With Hypertension in Lithuanian Children and Adolescents: A Cross-Sectional Study**
Ieva Blaudžė, Renata Kučienė, Virginija Dulskienė, Jūratė Medžionienė
- P03.046** **Prevalence of insulin resistance and polycystic ovary syndrome in a cohort of pediatric patients living with severe obesity**
Elda Lucrecia Zamora Talento, Eduard Mogas Viñals, Maria Clemente León, Diego Yeste Fernández, Norma Garcia Reyna, Paula Martinez, Laura Sayol Torres, Fanny Ospina Ospina, Cristina Aguilar Riera
- P03.047** **Evaluation Of The Annual Physically Change In Tri-Ponderal Mass Index In Adolescents Aged 9-15 Years In Zonguldak, Western Black Sea Region Of Türkiye**
Taner Bayraktaroglu, Tevfik Cem Akalin, Mustafa Gumus, Meliha Esra Bilici
- P03.048** **Reversibility of Obesity-Related Genomic Damage in Adolescents: A Scoping Review of Interventional Evidence**
Arshiya N. Siddique, Maria Woloshynowych, Moonisah Usman, Emaneula V. Volpi
- P03.049** **Body Composition Changes During GLP-1 Receptor Agonist Therapy in Pediatric Obesity: Preservation of Muscle Mass During Weight Loss**
Bogdan Mihai Pascu, Irina Bogoja, Constantin Pavel Pascu
- P03.050** **Characteristics and Activity Participation of Children with Obesity in a Community-Based Municipal Lifestyle Programme: The HOME Study**
Terese Torstensson, Anne Borjesson, Maria Bygdell, Lovisa Sjogren
- P03.051** **Empowering Young People in Weight Management Services to Increase Physical Activity and Community Engagement**
Jasmine Hindle, Jennifer Pelling
- P03.052** **Refining an infant feeding intervention for childhood obesity prevention: Supporting Positive Infant Nutrition and Growth (SPRING)**
Karen Matvienko Sikar, Eibhlin Looney, Moira Duffy, Dimity Dutch, Helen Ahern Galvin, Molly Byrne, Rebecca Golley, Catherine Hayes, Tony Heffernan, Aisling Jennings, Brittany Johnson, Patricia Kearney, Colette Kelly, Patricia Leahy Warren, Marian McBride, Sheena Mchugh, Kate O Neill, Sarah Redsell, Anna Lene Seidler, Elaine Toomey
- P03.053** **Appetite toolbox: a pilot trial to enhance eating self-regulation skills among children living with overweight and obesity**
Xin You Freda Giam, Yu Jun Lee, Delicia Shu Qin Ooi, Yung Seng Lee, Yvonne Yijuan Lim, Keri Mccrickerd
- P03.054** **Uisce Cliste- Healthy Hydration for Dublin: increasing access to drinking water to support change behaviour**
Farzana Ferdous, Desire Naigaga, Joanna Kelly, Angela Hickey, Suzanne McDonough, Lisa Mellon, Alan Byrne, Maria Kelly, Grace O'malley
- P03.055** **Effect of Semaglutide-Behavior Combined Therapy in an Egyptian Cohort of Adolescent Prader-Willi Syndrome**
Peter Erian
- P03.056** **Integrating Clinical Hypnosis into Specialist Services for Children and Young People with Severe Obesity**
Matthew Selman, Amanda Peacock, Nikita Kohli, Dan Shenck, Aylish Elliott Horn, Alice Walley, Erin Wesley
- P03.057** **Impact of an intensive lifestyle camp on anthropometry and quality of life in vulnerable children A 3-year follow-up of a nonrandomized clinical trial**
Jens M Bruun, Loa Clausen, Lea Brader, Kajsa Jarvholm, Henrik Støvring, Dorte D Pauls
- P03.058** **Body mass index, mammographic density and post-menopausal breast cancer risk: a mediation analysis**
Benoit Jauniaux, Michelle Harvie, Matthew Sperrin, Susan Astley, Lee Malcomson, Gareth Evans, Andrew Renehan
- P03.059** **Weight Variability and the Risk of Metabolic Dysfunction-Associated Steatotic Liver Disease: A Longitudinal Study from the Kangbuk Samsung Health Study**
Eun Jung Rhee, Da Yeon Lee, Sun Joon Moon, Hyemi Kwon, Se Eun Park, Won Young Lee



POSTER SESSION

- P03.060** **Early clinical experience with semaglutide treatment in adolescents with severe obesity**
Ana Marcela Zapata Castellon, Eduard Mogas Viñals, Maria Clemente León, Diego Yeste Fernández, Laura Sayol Torres, Paula Martínez, Norma García Reyna, Cristina Aguilar Riera
- P03.061** **Weight management in a pediatric patient with Leptin Receptor Deficiency – a case report**
Manuela Neyer, Charlotte Nigmann, Sophie Draxler Dworzak, Katharina Mair, Gabriele Skacel, Daniela Pertl, Susanne Greber Platzer
- P03.062** **Clinical characteristics of 2 to 5-year-old patients with hyperphagia and obesity secondary to melanocortin-4 receptor pathway diseases and 1-year response to setmelanotide**
Jesús Argente, Charles F. Verge, Uzoma Okorie, Ilene Fennoy, Megan Kelsey, Casey Cokkinias, Cecilia Scimia, Guojun Yuan, Jill C. Garrison, Ismaa Sadaf Farooqi
- P03.063** **Starting Semaglutide Groups - Parent and Young Person Experience**
Christine Desmond, Emma Lee, Elizabeth Van Boxell, Nikki Davis
- P03.064** **Cerebral Palsy and Obesity: Exploring the Potential Role of GLP-1 Receptor Agonists - A Case Report and Review of the Literature**
Alessandra Bedin-Pochini, Luciana Figueira Pegorer, Guilherme Giorelli
- P03.065** **Genotype-phenotype correlation of ophthalmic, renal/genitourinary, neurological and neurodevelopmental manifestations in published cases of Bardet-Biedl syndrome**
Mauro Longoni, Patrick Sleiman, Paul Park, Gian Sepulveda, Taylor Sells, Gauri Malthankar
- P03.066** **Analysis of quality of life and eating behavior in a cohort of pediatric patients with obesity after a multidisciplinary intervention**
Eduard Mogas Viñals, Ariadna Vives-Lopez, Diego Yeste, Maria Clemente, Norma Irene García Reyna, Paula Martínez, cristina aguilar-riera
- P03.067** **Early personalized nutritional intervention in Prader-Willi Syndrome with obesity and obstructive sleep apnea**
Oana Mădălina Rosu, Oana Raluca Temneanu, Alexandra Sidoreac, Lucica Baranga, Mihaela Oros
- P03.068** **Impact of lifestyle intervention on muscle function and body composition in children with obesity**
Nicoletta Gianni, Francesco d'Aniello, Maria Alessia Rea, Denny Menghini, Alessia Aureli, Elena Madonna, Valentina Russo, Gabriele Scozia, Margherita Maffei, Stefano Cianfarani, Danilo Fintini, Melania Manco
- P03.069** **Experience with Semaglutide in Hypothalamic Obesity Following Optic Glioma**
Aylin Tugba Canbaz, Busra Gurpinar Tosun, Didem Helvacioğlu, Abdullah Bereket, Belma Haliloglu
- P03.070** **Is Setmelanotide therapy indicated in children with proven MC4R pathway defects before obesity onset?**
Elena Frolova, Nina Makretskaya
- P03.071** **Beyond Weight Loss: Body Composition Outcomes of GLP-1 Receptor Agonist Therapy in Adolescents With Obesity in Kuwait – A 12-Month Real-World Study**
Amna Ali Shaghoul, Haneen Abdulrazaq Hamdan, Greshma Gireesan
- P03.072** **Efficacy and safety of setmelanotide in acquired hypothalamic obesity: Results from a double-blind, multicentre, placebo-controlled, randomised phase 3 trial**
Susan A. Phillips, Hanneke M. Van Santen, Jill Hamilton, Ashley Shoemaker, Shana E. McCormack, M. Jennifer Abuzzahab, Martin Wabitsch, Mehul T. Dattani, Tomohiro Tanaka, Cecilia Scimia, Guojun Yuan, Hermann L. Müller, Christian L. Roth, Jennifer Miller
- P03.073** **Evaluation of the effectiveness of liraglutide therapy in pediatric patients with acquired hypothalamic obesity**
Alexey Kalinin, Anastasia Bitarova, Natalia Strebkova, Chugunov Igor
- P03.074** **Treatment of obesity in Bardet-Biedl syndrome - case report**
Aleksandra Puch Walczak, Katarzyna Szmygel, Michał Hoffmann
- P03.075** **Promoting Comfort and Health Benefits: An Analysis of Commercial Milk Formula Marketing on German-Speaking Social Media**
Brigitte Naderer, Eva Winzer, Camilla Goschin, Fabian Sitz, Robin Eidner, Philipp Von Sicherer, Maria Wakolbinger



POSTER SESSION

- P03.076** **Effect of methylphenidate on body mass index in children and adolescents in relation to baseline weight status**
Julia Izsak, Elin E Kimland, Jari Martikainen, Elin Dahlén, Linda Halldner, Jenny M Kindblom
- P03.077** **Reciprocal relationships between adiposity and trait positive and negative affect across middle childhood: a longitudinal analysis of the Gemini twin cohort**
Emma Young, Alice Kininmonth, Jason Halford, Clare Llewellyn, Alison Fildes
- P03.078** **Food approach among children and adolescents with overweight and obesity in the context of different levels of external eating: a preliminary study**
Kamila Czepczor Bernat, Olga Świderek, Dominika Zoremba, Michał Kopec, Mikołaj Romaniuk Demonchaux, Julia Lasok Tlołka, Kaja Sobieszczok, Alicja Kazik, Agnieszka Kędzior, Zuzanna Jakubiak, Błażej Gryczka, Julia Jabłońska
- P03.079** **Identification of Predictive Biomarkers in Adolescent Patients with Morbid Obesity and Depressive Symptoms**
Charlotte Nigmann, Schanzer Andrea, Karner-Metz Thomas, Neyer Manuela, Draxler-Dworzak Sophie, Scharinger Christian, Schmelzle Nicolas, Zeyda Maximilian, Greber-Platzer Susanne, Plener Paul
- P03.080** **Pushed Too Far? Balancing Weight-Loss Goals, Parental Pressure and Disordered Eating Risk in Pediatric Care**
Emma Magyar, Kinga Gangl, Zsófia Tarr, Zsófia Gács
- P03.081** **Attention deficit/hyperactivity problems impair weight loss in family-based behavioural treatment for youth with severe obesity**
Vilde Aabel Skodvin, Hanna Flækøy Skjåkødegård, Helge Molde, Denise Wilfley, Rachel Kolko, Petur Benedikt Juliusson, Yngvild Sørebo Danielsen
- P03.082** **Antipsychotic Treatment and BMI Changes in Children and Adolescents: A Retrospective Study**
Marjetka Švigelj, Maja Drobnič Radobuljac, Primož Kotnik, Anja Turin
- P03.083** **Associations between chronotype and time-of-day specific dietary intake among children**
Reetta Lehto, Mirrka Maukonen, Henna Vepsäläinen, Jenna Rahkola, Ilse Tillman, Anna Ruokolahti, Josefine Björkqvist, Majjaliisa Erkkola, Eva Roos
- P03.084** **Integrated Nutritional Management in Children and Adolescents Treated with GLP-1 Receptor Agonists: A Multidisciplinary Clinical Protocol**
Ema Claudia Margineanu, Anca Balanescu, Bogdan Pascu
- P03.085** **Adherence to Mediterranean lifestyle is associated with lower likelihood of metabolic dysfunction-associated steatotic liver disease in children and adolescents with overweight and obesity**
Athanasia Kyrkili, George Petsoukis, Roxane Tenta, Varvara Evangelou, Aikaterini Vourdoumpa, Diamanto Koutaki, George Paltoglou, Marina Papadopoulou, Christina N. Katsagoni, Maria Rogalidou, Alexandra Papadopoulou, Penio Kassari, Evangelia Charmandari, Meropi D Kontogianni
- P03.086** **Sex Differences in Overweight, Obesity and Selected Environmental Factors among 7-year-old Schoolchildren in Bulgaria**
Vesselka Duleva, Ekaterina Chikova-Iscener, Lalka Rangelova, Plamen Dimitrov
- P03.087** **Building Georgia's Evidence Base for Childhood Obesity Prevention: Pilot Study of Commonly Consumed Foods and Central Adiposity in Primary-School Children**
Teona Nutsubidze, Mariami Bakhtadze, Ketevani Obolashvili, Elene Giorgadze
- P03.088** **Quality of life, diet quality, and eating behavior in pediatric patients with obesity: a descriptive study**
Eduard Mogas Viñals, Ariadna Vives-Lopez, Diego Yeste, Maria Clemente, Norma Irene Garcia Reyna, Paula Martinez Santin, cristina aguilar-riera
- P03.089** **Parental BMI and familial education level effects on ultra-processed food consumption of preschoolers: The mediating role of the diverse screen-based sedentary behaviors**
Aristides M. Machado-Rodrigues, Helder Miguel Fernandes, António Stabelini Neto, Josep A Tur, Cristina Padez, Daniela Rodrigues
- P03.090** **Associations Between Personality Traits and Dietary Behaviors in Korean Children and Adolescents with Obesity**
Eunsol Yoo, Eunju Sung, Hyunsoo Kim, Jihyun Nam, Kyunghae Park

POSTER SESSION

- P03.091 Nutritional Behaviors and Meal Frequency Patterns Among Adolescent Girls Across Varying BMI Percentiles**
Ljiljana Plavsic, Goran Mitrovic, Biljana Alimpic, Bojan Trosic
- P03.092 Evaluation of the Ingredients of Spoon-Fed Baby Food and Ready-Made Supplementary Foods Sold in Türkiye**
Selin Eroglu, Hilal Hizli Güldemir
- P03.093 Childhood obesity and breastfeeding in Brazil from 2024 to 2025**
Raphaela Ronconi, Alessandra da Rocha Bueno Ronconi
- P03.094 Attitudes towards nutrition and obesity among Hungarian youth aged 11–18**
Emese Antal, Csenge Hargittay, Peter Torzsa, Robert Pilling
- P03.095 Comparison of the key modifiable factors in the first 1000 days predicting subsequent overweight and obesity in pre-school children in Tehran: a case-control study**
Farzad Shidfard, Farzaneh Mardali, Fatemeh Sadat Hosseini Baharanchi, Afsaneh Dehnad, Saeed Mohammadi, Mihnea Alexandru Găman
- P03.096 Nutritional Status of School-Aged Children in Braga: Characterization and Comparison Between Articulated and Regular Education**
Joana Russell Sampaio, Maria João Gregório, Juliana Martins, Ana Duarte, Maria Silva, Cláudia Augusto, Miguel Caldas, Rafaela Rosario
- P03.097 Feasibility and Reliability of Caregiver-Administered Remote Anthropometric Assessments Across Pediatric Age Groups**
Emily Ho, Berivan Ece, Zutima Tuladhar, Anne Zola, Magdalena Ewa Kupczyk, Linda Adair, Richard Gershon
- P03.098 Childhood Obesity in Malaysia: Prevalence and Key Predictors Among Primary School Children**
Zubaidah Nor Hanipah, Zubaidah Nor Hanipah, Muhammad Zul Aizzat Baharuddin, Rosliza Abdul Manaf, Firdaus Mukhtar
- P03.099 Comparing obesity classification by body mass index, body fat percentage, waist circumference, and waist-to-height ratio in children ages 5–17**
Caroline A. Clingan, Berivan Ece, Anne Zola, Zutima Tuladhar, Traci Beckelman, Richard Gershon, Emily Ho
- P03.100 Gastroenteritis due to *Arcobacter butzleri* in paediatric patient**
María Nancy Orlando, Verónica Rodrigo, Macarena Uranga, Jazmín Ayelén Cowes
- P03.101 Lessons learned from engaging young people with neurodiversity and psychosocial vulnerabilities in commercial research**
Helen Dewar, Susan Burke, Georgina Yan, Nikki Davis
- P03.102 Clinical and metabolic characterization of children and adolescents living with obesity in a multidisciplinary care unit**
Fanny Del Carmen Ospina, Eduard Mogas, Maria Clemente, Diego Yeste, Norma Garcia, Paula Martinez, Cristina Aguilar, Laura Sayol, Elda Lucrecia Zamora, Maria Carolina Isaza
- P03.103 Psychological Approach Model within a Multidisciplinary Pediatric Obesity Unit**
Paula Martínez Santin, Norma García Reyna, Cristina Aguilar Reina, Ariadna Campos, María Clemente, Diego Yeste, Gemma Parramon, Eduard Mogas
- P03.104 Association of the Tri Ponderal Index (TPI) as a Predictor of Anxiety in Pediatric Patients with Obesity**
Paula Martínez Santin, Norma García Reyna, Cristina Aguilar Riera, Jenniffer López, Victor Suárez, Jose Antonio Ramos, Gemma Espanyol, Eduard Mogas
- P03.105 Obesity and lean body mass in children: how adiposity impacts muscular strength**
Bogdan Mihai Pascu, Ana Maria Alexandra Cula, Ema Margineanu, Anca Balanescu
- P03.106 Effects of interrupting sedentary behaviour with "exercise-snacks" on physical fitness, body composition and vascular health in adolescents with severe obesity: the SNACKEX randomized controlled trial**
Simon Mazeaud, Claire Lise Gay, Gael Metzler, Delphine Masson, Magalie Garcia, Agnes Vinet, Sophie Antoine-Jonville
- P03.107 Machine learning-based model for predicting metabolic dysfunction-associated steatotic liver disease using non-invasive parameters in young adults**
Yujin Kwon, Kyungchul Song

POSTER SESSION

- P03.108** **Assessing the effectiveness of healthy weight interventions in the early years of childhood: A systematic review and meta-analysis of evidence from high-income countries**
Disha Dhar, Lucy Karwatowska, Maria Sifaki, Semina Michalopoulou, Claire Stansfield, Jessica Packer, Simon Russell
- P03.109** **Overweight and obesity among university residence students in Algiers: prevalence and associated factors**
Amar Tebaibia, Abderrezak Bouamra, Hakim Brahimi, Nora Laouche, Sana Bouchaib, Soumia Belalia, Sarra Choulet
- P03.110** **Development of the Childhood Obesity Ready Reckoner to Estimate Population Level Health Impacts of Reducing Childhood BMI in England**
Jessica Packer, John Rahilly, Oliver T Mytton
- P03.111** **COSI Portugal (2008-2022) – informing and shaping public health policies to address childhood obesity**
Ana Rito, Fatima Martins, Matilde Vicente, Raquel Henriques, Alexandra Bento, Cristina Abreu Santos
- P03.113** **Underdiagnosis of Obesity in School- age children**
Nina Petricevic, Zrinka Puharic
- P03.114** **Digital Exposure and Its Role in Childhood Obesity Risk**
Elisa Domi
- P03.115** **Association between childhood obesity prevalence and health inequalities in marginalised and deprived communities, in the Mid-West, for children under five years: an ecological study**
Nehal Nour, Leah Evans, Sol Evans, Evanglin Samraj, Dervla Kelly, Patrick O'donnell, Anne Dee
- P03.116** **Weight Bias Internalization as a Prospective Predictor of Disordered Eating and Unhealthy Weight Control Behaviors in Adolescents**
Clara Almazán, Salomé Tárrega Larrea, Albert Fornieles Deu, David Sánchez Carracedo
- P03.117** **Adolescents' experiences of weight-related bullying in the school setting – a qualitative study**
Kajsa Järholm, Emelie Andersson, Nicole Mpatsiaris Riboe
- P03.118** **Developing An Interprofessional Competency Framework For Child And Adolescent Obesity Management: A Mixed-methods Approach**
Grace O'Malley, Nehal Nour, Jessica Mcgirr, Sarah Taaffe, Grainne Dowdall, Lois Mccrea, Deirdre English
- P04.014** **Metabolomic characterization of clinical obesity and metabolically unhealthy obesity phenotypes and their remission after bariatric surgery**
David Benaiges, Aleix Sala Vila, Juan Pedro Botet, Albert Goday, Anna Casajoana, Belen Deza, Beisani Marc, Karla Alejandra Perez, Elida Alechaga, Montserrat Villatoro, Iolanda Lázaro, Pau Nebot, Carme Serra, Óscar Pozo
- P04.015** **The association between food literacy and weight loss after metabolic bariatric surgery**
Lin-Lin Yessica Yeh, Anne Jacobs, Leontien Nijland, Ruben Van Veen, Ronald Liem, Hanno Pijl, Maria Hopman, Mireille Serlie, Jan Karregat, Valerie Montpellier
- P04.016** **Early Identification of Patients at Risk for Disproportional Loss of Fat-Free Mass Following Metabolic Bariatric Surgery**
Bente M. De Roos, Valerie M. Montpellier, Malou A. H. Nuijten, Thijs M. H. Eijvogels, Maria T. E. Hopman, Jan H. M. Karregat
- P04.017** **Longitudinal changes in eGFR and albuminuria following Metabolic Surgery in people living Chronic Kidney Disease**
Ángel José Rosales Rojas, Maya Sánchez, Karla Mariaca, Federico Vazquez, Guillem Sociés, Mariona Martin, Albert Caballero, Jordi Tarascó, Pau Moreno, José María Balibrea, Silvia Pellitero
- P04.018** **Adipose tissue-derived stem cells obtained from patients 5 years after bariatric surgery exhibit lipolytic metabolism but have reduced proliferation and adipogenesis**
Margarita Agareva, Iurii Stafeev, Ekaterina Shestakova, Anastasiya Voznesenskaya, Mariya Sineokaya, Yelena Parfyonova, Marina Shestakova
- P04.019** **Predictive value of the FIB-4 score for 5-year weight loss outcomes after bariatric surgery**
Albert Lecube, Aaron Switzer Rodríguez, Andreea Ciudin, Assumpta Caixàs, Núria Vilarrasa, Marta Bueno, Josep León Mengibar, Marta Zorzano Martínez, Núria Mestres

POSTER SESSION

- PO4.020** **Impact of Socioeconomic Status on Outcomes Following Bariatric Surgery: A Single-Centre Experience from Ireland**
Aoife Courtney, Derbhla Brannigan, Helen Cotter, Helen Heneghan, Donal O'shea, Jean O'Connell
- PO4.021** **Metabolic Effects of Bariatric Surgery in Adults living With Type 1 Diabetes Mellitus: A Retrospective Cohort Study**
Asma Aljaberi, Mohammed Alshmeili, Manal Alkhanbashi, Nadirah Ghenimi
- PO4.022** **Protein requirements and intake in pregnant women living with obesity and after bariatric surgery: the BariaProG study**
Magalie Miolanne, Mélanie Pouget, Claire Isabelle Chevalier, Anne Retivat, Véronique Bonnet, Bruno Pereira, Amélie Delabaere, Denis Gallot, Christelle Guillet, Yves Boirie
- PO4.023** **Influence of the OBEGEN score on long-term efficacy of bariatric surgery: 5-year outcomes**
Albert Lecube, Aaron Switzer Rodríguez, Andreea Ciudin, Assumpta Caixàs, Núria Vilarrasa, Marta Bueno, Andrés Cardona, Lourdes Gómez, Marta Zorzano Martínez
- PO4.024** **Effect of testosterone supplementation on muscle strength and physical function after bariatric surgery - A randomized placebo-controlled study**
Bibi Gram, Magnussen Velling Line, Andersen Skovsager Marianne, Støving Klinkby René, Juhl Bogh Claus, Möller Sören, Glintborg Dorte, Andries Alin, Gram Jeppe
- PO4.025** **The Impact of Reproductive Stage on Weight Loss Outcomes after Bariatric Surgery in Women Living with Obesity**
Catherine Brennan, Aoife Courtney, Claire Kearney, Nidhi Kedia Mehta, Helen Heneghan, Donal O'shea, Jean O'Connell
- PO4.026** **Pasireotide- Augmented Therapy with Diazoxide for Refractory Post Bariatric Surgery Hypoglycemia: Longitudinal Case Reports**
Isra Elgenaied, Yassmin Salaheldin Ibrahim, Wahiba Elhag
- PO4.027** **Long- term effects of bariatric surgery on diabetes remission, incretin hormones and body composition in obese patients with Type 2 diabetes**
Anastasia Voznesenskaya, Ekaterina Rozhevskaya, Ekaterina Shestakova, Maria Sineokaya, Iurii Stafeev, Marina Shestakova
- PO4.028** **Effect of gastric bypass versus sleeve gastrectomy on obstructive sleep apnea: 5-year results from the Oseberg randomized controlled trial**
Gunn Marit Traaen, Jostein Wågen Hauge, Jan Magnus Fredheim, Rune Sandbu, Marius Svanevik, Heidi Borgeraas, Thomas Berge, Milada Hagen, Andreas Aarvik, Jens Kristoffer Hertel, Jøran Sture Hjelmæsæth, Dag Hofsvø
- PO4.029** **Supporting healthier behaviours and weight loss through a behavioural weight-management programme after bariatric surgery**
Amanda Avery, Josef Toon, Charlotte Doleman, Sarah Elizabeth Bennett, Laura Holloway, Akidah Ayman, Jemma Donovan, Carolyn Pallister
- PO4.030** **Does preoperative NuSH related weight loss attenuate post bariatric surgery weight loss?**
Amanda Rhynehart, Claire Kearney, Aoife Courtney, Jean O' Connell
- PO4.031** **Heart Failure Phenotypes and Clinical Course After Sleeve Gastrectomy: A Real-World Analysis**
Kyung Hee Kim, Sung Bae Lee, Jin Wi
- PO4.032** **Post-bariatric hypoglycaemia after sleeve, Roux-en-Y and one-anastomosis gastric bypass: a propensity-score matched cohort study of clinical predictors and metabolic outcomes**
Elamin Abdelgadir, Fatheya Alawadi, Fauzia Rashid, Afsheen Azhar, Zainab Abdul Hamid, Alaeldin Bashier
- PO4.033** **An Examination of the Relationship Between Body Image and Coping Styles in Candidates for Bariatric Surgery**
Emir Arif Erten, Gökhan Karaca
- PO4.034** **Preventing muscle loss in the early postoperative period of bariatric surgery with a combination of whey protein, hydrolyzed collagen, and resistance exercise**
Nihal Zekiye Erdem, Rükən Aslinur Samancı, Halit Eren Taskin
- PO4.035** **Clinical fractures in patients after bariatric surgery. Follow-up beyond 7 years**
Núria Vilarrasa, Carmen Gómez Vaquero, Fernando Guerrero Pérez, Laura Hernández Montoliu, Sílvia Rodríguez Martínez, Natalia Catalina Vega, Paula Quiñonero, Mishell Silva, Olga Jermakova, Lidia Huánuco, Claudio Lazzara, Lucía Sobrino



POSTER SESSION

- PO4.036** **Changes in perivascular and visceral adipose tissues after bariatric surgery and their associations with metabolic and cardiovascular markers**
Agnes Vinet, Julien Frandon, Yannick Knapp, Ingrid Julier, Veronique Taillard, Antonia Perez Martin
- PO4.037** **Comparison of clinical outcomes of patients with BMI < 50kg/m² and ≥ 50kg/m² undergoing gastric bypass surgery in a public hospital between 2016 and 2020: a retrospective cohort study**
Silvana Pinheiro Neiva, Claudia Maria Andrade Fernandes Vieira, Francinelli Sabrina Hoelzle, Marcella Menezes Couto Ferreira
- PO4.038** **Beyond the Scale: Internalized Weight Bias and Postoperative Weight Trajectories After Bariatric Surgery**
Merve Guney-Coskun, Esmanur Ozturk, Busra Aktas, Hanife Sena Gul
- PO4.039** **Sequential Swallowable Intra-gastric Balloon (Allurion) and Low-Dose Tirzepatide Therapy Produces Major Fat Mass-Driven Weight Loss with Excellent Tolerability**
Luigi Flagiello, Alessandro Romano, Rita Romano, Vincenza Motanaro, Angela Maisto, Roberto Cortese, Maria Rosaria Flagiello, Gianmattia Del Genio
- PO4.040** **Early metabolic outcomes and adjunct pharmacotherapy for weight management after bariatric surgery in a Mexican cohort: a 12-month retrospective analysis**
Fernando Perez Galaz, Bernardo Rea Ruanova, Mariana Canales Sanchez, Guillermo Rea Field, Gabriel Kraus Fischer, Patricia Samarat Castillo Flores
- PO4.041** **Fluctuations in psychological symptoms and behaviors in patients undergoing metabolic bariatric surgery: an EMA study**
Mila Dix, Evert-Jan Boerma, Carolien Martijn, Lotte Lemmens, Anita Jansen
- PO4.042** **FIB-4 SCORE as a non-invasive assessment tool for Metabolic Dysfunction- associated steatotic Liver Disease in patients undergoing bariatric surgery: Analysis of clinical and metabolic correlations**
Carlos Eduardo Quintão Carneiro, Ana Flávia Camelo Motta, Claudia Maria Andrade Fernandes Vieira, Marcella Menezes Couto Ferreira, Silvana Pinheiro Neiva
- PO4.043** **Five-year outcomes after metabolic bariatric surgery in terms of weight loss and metabolic improvement**
Mariya Kalinova Kalinkova, Konstantin Savov Grozdev, Teodora Svetoslavova Handjieva Darlenska
- PO4.044** **Revisional Bariatric Surgery Outcomes: A Single-Centre Experience**
Hannah Hession, Aoife Courtney, Katherine Egan, Helen Heneghan, Donal O'shea, Jean O'Connell
- PO4.045** **Effects of the gut hormone ghrelin on glucose tolerance, insulin sensitivity and beta-cell function after sleeve gastrectomy**
Marie Louise Dichman, Nora Hedbäck, Amalie London, Nils Bruun Jørgensen, Kirstine Nyvold Bojsen Møller, Nicolai Wewer Albrechtsen, Gerrit Van Hall, Viggo Bjerregaard Kristiansen, Bolette Hartmann, Jens Juul Holst, Carsten Dirksen, Sten Madsbad, Maria Saur Svane
- PO4.046** **Symptomatic Zinc and Copper Deficiencies Following Sleeve Gastrectomy: A Case Report**
Aoife Courtney, Eimear Duff, Amanda Rhynehart, Sarah O'keefe, Tudor Munteanu, Cliona Feighery, Jean O'Connell
- PO4.047** **Healthcare Resource Utilization and Costs of Obesity Management in Private French Clinics: A Multicenter Linked EMR-Claims Study**
Marie Cecile Blanchet, Claire Blanchard Louis, Melissa Akerib, Romane Le Goff, Andrea Contini, Amandine Gouverneur, Astrid Pagniez, Maud Robert
- PO4.048** **Determinants of Epicardial Fat Thickness in Patients Undergoing Sleeve Gastrectomy: Beyond Body Mass Index**
Kyung Hee Kim, Sung Bae Lee, Jin Wi
- PO4.049** **Mindfulness, Eating Disorder Symptoms and Percentage Total Weight Loss in Long Term Bariatric Surgery Follow Up**
Merve Guney-Coskun, Hanife Sena Gul, Busra Aktas, Esmanur Ozturk
- PO4.050** **Six-Month Quality of Life and Health Outcomes After Bariatric Surgery: A Prospective Cohort Study from Latvia**
Guna Bilande, Marina Arisova, Maksims Mukans, Igors Troickis



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- PO4.051** **Clinical and metabolic outcomes after Metabolic Bariatric Surgery according to preoperative pharmacotherapy: a preliminary observational study with 1-year follow-up**
Aleksandra Budny, Katarzyna Frackiewicz, Katarzyna Szymgel, Michal Szymanski, Monika Proczko Stepaniak, Michal Hoffmann
- PO4.052** **Better family function is associated with better weight loss maintenance after bariatric surgery**
Seung Wan Hong, Young Sung Suh
- PO4.053** **The Influence of Different Types of Bariatric Surgery on Serum Uric Acid Levels in Patients with Morbid Obesity**
Ting Wei Yeh, Ching Hsuan Huang, Yin Fan Chang, Kuo Ting Lee, Chih Hsing Wu, Chin Sung Chang
- PO4.054** **Analysis of flavor and texture preferences in very low-calorie diets products among bariatric surgery candidates**
Gabriela Noemi Nicola Orejas, Alicia San Martin, Ramon Safera, Iñaki Argüelles, María Teresa Colomar, María Villaplana
- PO4.055** **Early Real-World Outcomes of an Adjustable Intra-gastric Balloon in Patients with Severe Obesity: Initial Experience from Bulgaria**
Evelina Zlatanova, Nikolay Georgiev, Darina Naydenova
- PO4.056** **Maternal and fetal outcomes in pregnancies after gastric bypass: experience from a specialized public hospital**
Silvana Pinheiro Neiva, Claudia Maria Andrade Fernandes Vieira, Marina Novellino Pereira
- PO4.057** **Adherence to vitamin and mineral supplementation and blood test monitoring in people following bariatric surgery: a dietitian-led questionnaire study**
Iliana Petsopoulou
- PO4.058** **Laparoscopic bariatric surgery versus any non-surgical intervention for adolescents or adults with obesity**
Olivia Duun, Marie-Louise Dichman, Jane Lindschou, Jadine Scragg, Adrian Fastrup Bogh, Johanne Juul Petersen, Kirstine Nyvold Bojsen-Møller, Susan Jebb, Christian Gluud, Carsten Dirksen
- PO4.059** **Mother and Offspring's nutritional status –pregnancy after maternal Bariatric Surgery (MOBS-study): a study protocol for a clinical prospective observation study**
Camilla Hovland, Ann kristin Hjelle de Soysa, Kirsti Kverndokk Bjerkan, Julie Horn, Siren Nymo
- PO4.060** **Multidisciplinary approach with bariatric surgery, medication and nutritional regimen of patient with a BMI grater than 75 kg/m2 case report**
Lorena López, Jesus Cabral, Luis Dorado, Evelyn Saldaña, Yadira Perez
- PO4.061** **Impact of Obesity-Associated Comorbidities Following Bariatric Surgery**
Marina Soria Becerra, María Jimenez Aceituno, Ana Segarra Balao, Roberto Carlos Romo
- PO4.062** **Reduction of Rectus Femoris Myosteotosis in Patients with Obesity Following a Nutritional Program Based on the Mediterranean Diet and Physical Activity Recommendations**
Beatriz López-Muñoz, Lorena Rumbo-Rodríguez, Miriam Sánchez San Segundo, Antonio Tejera Muñoz, Francisco Pomares, Dionisio Marin Jimenez, Ana Zaragoza Marti
- PO4.063** **Association of Adiposity, Sleep Quality, and Chronotype with Psoriasis Severity in Adults**
Ludovica Verde, Luigi Barrea, Galasso Martina, Annamaria Colao, Giovanna Muscogiuri
- PO4.064** **Asprosin concentrations in men with abdominal obesity after implementing exercise and diet interventions - a randomized controlled trial**
Agnieszka Suder, Karol Makiel, Aneta Targosz, Aleksandra Suder, Piotr Kosowski
- PO4.065** **Development and validation of the MyBarriers Questionnaire (MBQ) to identify cognitive behavioural phenotypes among adults initiating GLP-1 receptor agonist-based therapy in a digital weight management programme**
Zoe Griffiths, Paul Sacher, Emily Fulton, Jennifer Dent, Asif Laldin, Rebecca Jones, Victoria Rogers
- PO4.067** **Exercise and protein preserve fat-free mass during weight loss: a meta-analysis**
Archie Belfield, Marie Korzepa, Alex Waddell, Lucy Rogers, Jonathan Quinlan, Leigh Breen



POSTER SESSION

- PO4.068** **From face-to-face to telehealth and digital intervention: a journey of developing a suite of obesity prevention programs in early childhood in Australia**
Li Ming Wen, Huilan Xu, Sarah Taki, Philayrath Phongsavan, Alison Hayes, Louise Baur, On Behalf Of Healthy Beginnings Team
- PO4.069** **The relationship between eating behavior types and body composition and tissue quality characteristics in patients with obesity**
Kseniia Zasyapkina (Shtein), Alina Y. Babenko
- PO4.070** **A systematic review of lifestyle and behavioural interventions provided in randomised controlled trials of GLP-1s for the treatment of obesity**
Anastasia Searle
- PO4.071** **Nutritional supplementation can support lean mass preservation and function during weight loss interventions: A meta-analysis**
Thomas James Wilkinson, Emily James, Ryan Kelsey, Mark Funnell, Samantha Ansong, Esmā Ghanem, Leigh Breen, Jack Sargeant, Joe Henson, Melanie Davies, Thomas Yates
- PO4.072** **Effectiveness of a group-based intervention for Obesity and Disordered (Binge) Eating: a 6-month observational follow-up study**
Alba Nicastrì, Lucia Magnani, Lorenza Lambertini, Chiara Nuccitelli, Elena Centis, Federica Sacilotto, Maria Giuseppina Albanese, Giulia Bocedi, Chiara Baldo, Annalisa Maghetti, Silvia Garelli, Uberto Pagotto, Maria Letizia Petroni
- PO4.073** **Sociodemographic profile and lifestyle behaviours of portuguese participants in the pilot study of BETTER4U – an innovative european project to reduce obesity prevalence in adults**
Ana Rita, Matilde Vicente, Raquel Henriques, Fatima Martins, George Dedoussis On Behalf Of The Better4u Consortium
- PO4.074** **Rapid versus Gradual Weight Loss for Reducing Risk of Obesity-Related Complications: A Treat-to-Target Analysis of an RCT**
Line Kristin Johnson, Heidi Borgeraas, Karoline Steenbuch, Kari Helene Bugge, Andreas Aarvik, Jostein Wågen Hauge, Jens Kristoffer Hertel, Jøran Hjeltnesæth
- PO4.075** **The effect of a three weeks metabolic training protocol in the fatmax zone on weight loss in women living with obesity**
Mohamed Ridha Guedjati, Adeila Dallel Taibi
- PO4.076** **The benefits of daily STEPS in people with obesity during lifestyle modification programs: a systematic review and meta-analysis**
Marwan El Ghoch, Dana Saadeddine, Matteo Foglia, Elisa Berri, Silvia Raggi, Leila Itani
- PO4.077** **Does structured resistance and aerobic exercise attenuate lean mass loss during a 12-week 800kcal low energy diet in South Asian adults with type 2 diabetes and obesity? Results from the COMBINE trial**
Franciskos Arsenyadis, Joseph Henson, Pratik Choudhary, Melanie J Davies, Kamlesh Khunti, Tom Yates
- PO4.078** **Fix the sleep, fix the weight**
Alexandro Zarruk
- PO4.079** **Obesity Treatment with Endoscopic Gastric Botulinum Toxin Injection: The Impact of Close Follow-up and Lifestyle Adherence on Treatment Success**
Ahmet Bekin, Ferhat Çetin, Orkhan Verdiyev
- PO4.080** **The Kiel Intervention Cohort (KIC): a deeply phenotyped real-world obesity intervention study with clinically meaningful weight loss outcomes**
Nathalie Rohmann, Alexia Beckmann, Perdita Wietzke Braun, Katharina Hartmann, Lucy Kruse, Kristina Schlicht, Wiebke Diederich, Melissa Solano Marchini, Kathrin Türk, Anna Katharina Seoudy, Dominik M. Schulte, Corinna Geisler, Tim Hollstein, Matthias Laudes
- PO4.081** **Ambitious weight loss goals optimise programme retention regardless of pharmacological achievability: a retrospective analysis of 50,415 adults using Wegovy within a UK digital weight loss service**
Hans Johnson, Ashley Kieran Clift, Dan Reisel, David Huang
- PO4.082** **Maintaining Muscle: The Need for Structured Exercise and Nutrition Strategies During Obesity Treatment**
Jan Karegatt



POSTER SESSION

- PO4.083** **Effects of Aerobic-Resistance Training and Nutritional Intervention on Irisin and Leptin in Men with Abdominal Obesity—A Randomized Controlled Trial**
Karol Makiel, Aneta Targosz, Aleksandra Suder, Piotr Kosowski, Agnieszka Suder
- PO4.084** **Impact of Online Supervised 9-Day Prolonged Progressive Fasting Program on Anthropometric and Glycemic Outcomes in Patients with Elevated BMI \geq 23 and Type 2 Diabetes**
Baby Sharma, Pramod Tripathi, Nidhi Kadam, Thejas Kathrikolly, Anagha Vyawahare, Diptika Tiwari, Anindita Nandi, Malhar Ganla, banshi saboo
- PO4.086** **Exercise modality matters for insulin resistance in obesity: comparative effects of resistance, combined, aerobic, HIIT, and eccentric training in adult women**
Alessandra Bedin-Pochini, Ana Beatriz Bedin, Flavia Quintana Pochini, Isadora Fujii Pochini, Guilherme Giorelli, Alberto C Pochini
- PO4.087** **Clinical Inertia in Lifestyle Counselling and Weight Management: EHUH-2 Study**
Andrej Belančić, Mihaela Marinović Glavić, Matea Bilobrč, Lovorka Bilajac, Marta Bolješić Dumančić, Marija Domislović, Mirjana Fuček, Ana Jelaković, Josipa Josipović, Jagoda Nikić, Ivan Pećin, Ana Stupin, Petar Sušnjara, Bojan Jelaković
- PO4.088** **Exploring the Role of Continuous Glucose Monitors (CGMs) in Healthspan Management**
Benedikt Dressen, Maria Alexandrova, Martina Sattlercker, Robert Ballantine, Aseem Shrivastava, Michael Huguet
- PO4.089** **Prevention of Obesity among Adults: Evidence- and Consensus-based Guideline**
Peter von Philipsborn, Melanie Bahlke, Christina Breidenassel, Christina Holzapfel, Christine Joisten, Sandra Plachta Danielzik, Monika Nothacker, Diana Rubin, Marion Rung Friebe, Martina de Zwaan, Hans Hauner
- PO4.090** **Presental versus online delivery of the Progressive Power Program: comparative effects on weight, body mass index and waist circumference in adults living with obesity**
V. Bilro, V. Bilro, A. Duarte Martins, A. Duarte Martins, A. Duarte Martins, A. Duarte Martins, T. Sobral, N. Batalha, N. Batalha, M. I. Varela-Silva, M. I. Varela-Silva, J. A. Parraca, J. A. Parraca
- PO4.091** **The Protein Paradox: Reversing Massive Proteinuria via Metabolic Restoration**
Anna Shamanadze, Natia Katamadze
- PO4.092** **The effect of the magnitude of weight loss before in vitro fertilisation on reproductive outcomes in women with obesity: A systematic review and meta-regression**
Moscho Michalopoulos, Susan A Jebb, Stella Jp Haffner, Richard Stevens, Alice Hobson, Shen Chuen Khaw, Pedro Melo, Kathryn Sheridan Clay, Sarah Mounsey, Ingrid Granne, Lee Lim, Tim Child, Nerys M Astbury
- PO4.093** **Psychosocial well-being and genetic predisposition shape responsiveness to lifestyle coaching: insights from a risk-stratified intervention trial**
Heikki Sarin, Patrik Borg, Kirsi Pietiläinen, Kati Kristiansson, Markus Perola
- PO4.094** **Real-world effectiveness of a digital lifestyle program on health behaviors and weight in adults living with overweight or obesity: Implications for comprehensive obesity treatment**
Sabine Björk, Andreas Tornevi, Viktoria Wahlström, Eva-Lotta Glader, Cornelia Späth
- PO4.095** **Wear compliance and concurrent validity of wrist- and waist-worn accelerometers for assessing change in physical activity following bariatric surgery**
Louisa Y Herring, Alex V Rowlands, Patrice Carter, Stuart Jh Biddle, Melanie J Davies, David J Bowrey, Clare Stevinson
- PO4.096** **Daily cold exposure during 6 weeks reduces fat mass in males and females with overweight or obesity**
Mariëtte Boon, Tim Roek, Lindsay Robinson, Nico Hahn, Robin Van Eenige, Ingrid Jazet, Patrick Rensen, Michael Symonds, Helen Budge, Jan Van Den Bossche, Sander Kooijman
- PO4.097** **Sustained Weight, Favourable Body Fat Distribution and Glycaemic Control of Short-Term Flash Glucose Monitoring in Newly Diagnosed Type 2 Diabetes: The DIFLASH Randomised Trial**
Dario Tuccinardi, Rossella Tozzi, Oreste Lanza, Valeria Zanghi Buffi, Valentina Cipriani, Ivan Beato, Riccardo Castellì, Elena Pagano, Francesco De Domenico, Mikiko Watanabe, Silvia Manfrini
- PO4.098** **The Role of Goal-Setting in Weight Management Trials: Evidence of Effectiveness and Analysis of Implementation Strategies (2016-2025)**
Lauren Crooks, Marcela Roy, Elias Ketiar

POSTER SESSION

- PO4.099** **Effects of 6-week Exercise Snacks on Cardiorespiratory Fitness, Muscular Strength, and Metabolic Risk Factors in Women with Overweight or Obesity: A Randomized Controlled Trial**
Jieun Park, Minsub Han, Seungho Lee, JeongEun Yun, Serim Cho, Kyung Hee Park, [SoJung Lee](#)
- PO4.100** **Pre- and postoperative appendicular lean soft tissue index predicts resting metabolic rate after sleeve gastrectomy and highlights potential benefits of exercise**
[Susana Ara Gimeno](#), Alejandro Gómez Bruton, Ana Moradell, Gabriel Lozano Berges, María José Palacios Fanlo, Marta Sánchez Luengo, Pilar Irún, Ángel Matute Llorente, Ángel Lanas, Alejandro González Agüero, José Antonio Casajús
- PO4.101** **Effects of Different Exercise Modalities on Body Composition in Peri- and Postmenopausal Women: An Overview of Systematic Reviews**
[Alessandra Bedin-Pochini](#), Janete Rabelo Rios, Juliana Olavo Pereira, Rafaela Mamus Corrêa Tridapalli, Rhayana Dallarosa Castanho Nunes, Diogo Toledo, Guilherme Giorelli
- PO4.102** **Co-Designing a Community-Based, Garden-Focused Lifestyle Intervention for Single-Parent Families: Implications for Obesity Prevention**
Vanda Pózner, Diana Szakal, Katalin Varsanyi, Bálint Balázs, [Emese Antal](#)
- PO4.103** **Comparison of the predictive powers of HOMA-IR, HOMA c-peptide, QUICKI, and triglyceride-glucose index for insulin resistance and abdominal fat in individuals with obesity**
[Sümeyye Öğretmen](#), Mehmet Sargin
- PO4.104** **Impact of hospital admission for obesity treatment with lifestyle modifications resulting in weaning off antihypertensive medication**
[Yuri De Araujo Dias](#), Sergio De Queiroz Braga, Marcia Magalhaes Oliveira, Cristiano Portella
- PO4.105** **The impact of alcohol consumption on body composition in patients with obesity**
[Kseniia Zasyapkina \(Shtein\)](#), Alina Y. Babenko
- PO4.106** **Effectiveness of an Interdisciplinary Weight Loss and Lifestyle Intervention on Obstructive Sleep Apnea Severity in Postmenopausal Women: Preliminary Results from the INTERAPNEA-PW Study**
[Almudena Carneiro Barrera](#), F. J. Amaro Gahete, Adriano Targa Dias Santos, Carolina Cubillos Zapata, M^a Ágeles Sánchez Quiroga, Sonia Fernández Veleido, Asier Mañas Bote, F. José García Ríos, Adolfo Figueiras Guzmán, Manuel Muñoz Torres, Ignacio Ara Royo, Juan Fernando Masa Jiménez, Ferrán Barbé Illa, Jonatan Ruiz Ruiz
- PO4.107** **The Gap Between Guidelines and Funding: Patient Experiences of Elevated Clinical Prioritisation Criteria for GLP-1s**
[Asiyé Busra Sirin Ayva](#), Matt Buckley, Sophie Edwards, Paul Gately
- PO4.108** **Towards a trial protocol of GLP-1 receptor agonists and cancer prevention: The Manchester-Leeds (UK) expert consensus and in-silico modelling project**
[Matthew Harris](#), Duncan T Wilson, Julia Brown, Andrew G Renehan
- PO4.109** **Adiposity-Based Obesity Phenotypes and Metabolic Risk in Lithuanian Adults**
[Vilma Kriaucionienė](#), [Vilma Kriaucionienė](#), Asta Raskilienė, Asta Raskilienė, Lina Šnipaitienė, Lina Šnipaitienė, Dalia Lukšienė, Vaiva Lesauskaitė, Janina Petkevičienė, Janina Petkevičienė
- PO4.110** **Obesity Is Under-Treated in Real-World Care: Use of Weight-Reducing Therapies in Patients with Type 2 Diabetes in Spain**
[Ana María Cebrián-Cuenca](#), Domingo Orozco Beltrán, Alberto Cordero Fort, José Antonio Quesada, Fernando Álvarez Guisasaola, Sara Artola Menéndez, Manel Mata Cases, Manuel Sánchez Mollá, Antonio Pérez Pérez
- PO4.111** **Impact of weight-loss semaglutide introduction on antimigraine medication utilization: an interrupted time-series study**
[Noemie Roland](#), Heidi Sonne, Lanfranco Pellesi, Lise Gehrt Cardél, Maja Bramming, Anton Pottegård, Helene Kildegaard
- PO4.112** **Effect of Enavogliflozin on Adipokines and Leptin Sensitivity in Patients with Type 2 Diabetes: A Post-hoc Analysis of a Randomized, Placebo-Controlled Phase 3 Trial**
[Young Sang Lyu](#), Hansol Lee, Kyung-Soo Kim, Sangmo Hong, Cheol-Young Park
- PO4.113** **Amelioration of Insulin Resistance, Independent of Weight Loss, Is Associated with Cardiac Reverse Remodeling in Patients with Heart Failure and Overweight/Obesity**
[Choongki Kim](#), Sang Joon Ahn, Hyo Jin Ju, Mi Hyang Jung, Min Jeong Kim, Youngchan Ahn, Chuljin Lee



POSTER SESSION

- PO4.114 Metabolic and Clinical Determinants of Bone Mineral Density in Obesity: An EOSS-Based Analysis**
Dilek Gogas Yavuz, [Yagmur Goksoy Solak](#)
- PO4.115 Efficacy and Safety of Semaglutide According to Frailty Status in the SELECT Trial**
John W. Ostrominski, Jorge Plutzky, Benjamin M. Scirica, G. Kees Hovingh, Ole Kleist Jeppesen, A. Michael Lincoff, [Ildiko Lingvay](#), Thomas Hoffmann Morville, Maria Quiroga, Yael Sofer, Miguel Urina Triana, Vanita R. Aroda
- PO4.116 Body Mass Index and Subclinical HFpEF in Type 1 Diabetes**
[Anastasiia Sokolova](#)
- PO4.117 Prevalence and clinical characteristics associated with obesity in patients hospitalized in Internal Medicine in Spain: Findings from the RECALMIN-Ob observational study**
[Juana Carretero Gómez](#), Javier Elola Somoza, Manuel Méndez Bailón, Pablo Pérez Martínez, Alfredo Michán Doña, Sofía Sanchez, Náyade Prado, José Luis Bernal, Cristina Fernández, José Carlos Arévalo Lorido
- PO4.118 Burden and overlap of obesity-related complications across the BMI spectrum: a federated analysis across 5 European databases**
Kevin G Pollock, [Ana Sánchez Bao](#), Dimitris Papamargaritis, Esther Artime, Eva Lau, Atif Adam, Emily Wilkes, Dachuang Cao, Milou Brand, Dror Dicker
- PO4.119 Relationship Between Baseline Low-Density Lipoprotein Cholesterol Levels and Cardiovascular Outcomes in Adults With Cardiovascular Disease and Overweight or Obesity: An Exploratory Analysis of the SELECT Trial**
Michael Shechter, Vanita R. Aroda, G. Kees Hovingh, A. Michael Lincoff, [Ildiko Lingvay](#), Ana Laura De Souza Almeida Matos, Derrick Musinga, John W. Ostrominski, Benjamin M. Scirica, Peter E. Weeke, Jorge Plutzky
- PO4.120 Clinical utility of retinal biomarkers for cardiovascular risk stratification in patients with abdominal obesity: Correlation with coronary artery calcium score**
[Sung-Goo Kang](#), Sung Hoon Jung
- PO4.121 Relationship Between Endothelial Function and HDL Cholesterol According to Obesity Status**
[Jae Bin Seo](#)
- PO4.122 Glycemic gap in non-complicated acute respiratory infection in diabetes - relation to BMI and COVID-19 infection**
Igor Karen, Jan Hendl, [Stepan Svacina](#)
- PO4.123 GLP-1 Receptor Agonists for Binge Eating Disorder in Obesity: Systematic Review of Clinical and Qualitative Evidence**
[Alessandra Bedin-Pochini](#), Luciana Figueira Pegorer, Maria C J de Paula, Roberta R A Naumann, Diogo Toledo, Guilherme Giorelli
- PO4.124 Beyond BMI: Central Adiposity, Sarcopenia, and Metabolic Syndrome as Prognostic Determinants in Breast Cancer**
[Alessandra Bedin-Pochini](#), Caio de Mello Sales, Helena L B Reis, Marianne P S Kramee, Tiago Dias, Diogo Toledo, Guilherme Giorelli
- PO4.125 Abdominal obesity, hepatic steatosis, oxidative stress and diastolic dysfunction in patients with masld**
Luca Colangeli, Ilaria Milani, [Maria Eugenia Parrotta](#), Susanna Longo, Alessandro Nucera, Massimo Federici, Simonetta Pallechi, Barbara Rossi, Alessandro Mantovani, Saverio Muscoli, Frida Leonetti, Danila Capoccia, Paolo Sbraccia, Valeria Guglielmi
- PO4.126 Case report: when weight loss is not enough - progression of kidney dysfunction during "optimal" weight reduction in a patient with severe obesity and comorbidities**
[Fabiana Sbrega](#), Luisella Vigna, Maria Letizia Petroni
- PO4.127 Central and Visceral Adiposity and Cardiovascular Risk in Perimenopause and Postmenopause: A Contemporary Systematic Review**
[Alessandra Bedin-Pochini](#), Joyce Rodrigues Façanha, Maria C F A Hellebrandt, Gabriela M P S Giordano, Camila R S Gomes, Ana C P Cantarelli, João Carvalho Júnior, Diogo Toledo, Guilherme Giorelli
- PO4.128 GLP-1 Receptor Agonists and the Gut Microbiome in Obesity: A PRISMA-Guided Integrative Review of Human Clinical Evidence**
[Alessandra Bedin-Pochini](#), Ana C P Cantarelli, Caroline A N S Borges, Marina Medeiros Orsi, Dharien Correia, Natália V Franchiosi, Diogo Toledo, Guilherme Giorelli



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- PO4.129 Lipedema Therapeutics and Weight Loss: Clinical Outcomes of Bariatric Surgery, Phytotherapy, and GLP-1 Receptor Agonists**
Alessandra Bedin-Pochini, Ivan L P B Anjos, Maísa M J Gurgel, Fernanda B U Pulzi, Diogo Toledo, Guilherme Giorelli
- PO4.130 Type 2 Diabetes Remission in Overweight and Obese Patients: therapeutic strategy using a Very Low-Energy Ketogenic Treatment**
Daniela Sofra, Ignacio Sajoux, Massimiliano Caprio, Francesca Amati
- PO4.131 Overweight and Obesity in Women with Polycystic Ovarian Syndrome (PCOS) or in Menopause: Insights from the W.I.N. (Women in Network) Clinical Survey on Healthcare Providers' and Patients' Perspectives in Italy**
Armando Bauleo, Alessandra Gambineri, Cecilia Motta, Tommaso Simoncini, Alessandro D Genazzani, Stefania Catteneo, Lorena Garofalo, Simona Granato, Rossella E Nappi
- PO4.132 FGF21 correlates with insulin secretory responses to oral glucose in a high-MASLD-risk cohort: evidence from an exploratory human study**
Federica Sileo, Andrea Foppiani, Ramona De Amicis, Alessandro Leone, Francesca Menichetti, Silvia Gallosti, Giovanni Fiorillo, Beatrice Marelli, Andrea Mari, Simona Bertoli, Alberto Battezzati
- PO4.133 Baseline Anxiety and Depression and Weight-Loss Outcomes in Patients with Obesity Treated with Naltrexone Bupropion, Semaglutide and Tirzepatide**
Jose Villamarin, Juan Martin Garcia Cordova, Michael Romanos, Juan Diego Pazmino Zurita, Thomas Fredrick, Lizeth Cifuentes, Maria A Espinosa, Maria D Hurtado Andrade, Afton Koball, Matthew M Clark, Andres Acosta
- PO4.134 The beneficial effect of SGLT2i and Phentermine-Topiramate FDC combination therapy**
Jun Hwa Hong
- PO4.135 Prognostic value of the Edmonton Obesity Staging System among hospitalized people with obesity. Findings from the ROBEMIN Registry**
Juana Carretero Gomez, Javier Ena, Fernando Javier Sánchez Lora, Maria V. Bonilla Hernandez, José Pablo Miramontes-González, Victoria Lobo Antuña, Antonio Bustos Merlo, Juan José González Soler, Patricia González González, Paula Nadal Gómez, Carlos Hernández Cerón, Inés Jimenez Viseu Pinheiro, Borja Del Carmelo Gracia Tello, Sara Weronika Snopkowska Lesniak, Pilar Arcos Pereda, José María Fernández Rodríguez, Virginia Gracia Lorenza, Ángela Rodrigo Martínez, Encarnación Gutierrez Jimenez, David Fernández De Velasco, Sonia Córdoba Bueno, Natalia Dominguez Pinilla, Rita Cabezas Olea, Luis García Martínez, Juan Francisco López Caleyá, María Fullana Bassa, Victor José Vega Rodríguez
- PO4.136 Metabolic Response, Rather Than Weight Loss, Is Associated with Cardiac Reverse Remodeling in Patients with Heart Failure, Diabetes, and Obesity Treated with GLP-1 Agonists**
Choonghi Kim, Sang Joon An, Hyo Jin Ju, Mi Hyang Jung, Min Jeong Kim, Youngchan Ahn, Chuljin Lee
- PO4.137 Beyond Weight Gain: Systemic Menopausal Hormone Therapy and Body Composition Changes in Postmenopause**
Alessandra Bedin-Pochini, Hideki U Uehara, Fernanda L Mendonça, Karoliny C F Gomes, Maria Clara Fernandes de Almeida Hellebrandt, Tatiane O Menegocci, Tiago Dias, Diogo Toledo, Guilherme Giorelli
- PO4.138 Advanced Glycation End Products Indicate Progressive Glycemic Impairment in Individuals Living With Obesity**
Dilek Gogas Yavuz, Yagmur Goksoy Solak
- PO4.139 Evaluation of the Hematological Profile of Women With Obesity According to Obesity Severity**
Merve Uyanik, Feray Akbas
- PO4.140 Efficacy of GLP-1 receptor agonists in hidradenitis suppurativa: a systematic review**
Rim Masri, Chrystelle Chemaly, Edward Yamine, Guia El Hajj, Fida Hammoud, Zeinab Ali Issa
- PO4.141 The Importance of Cortisol Measurement in Obesity Management**
Yelda Kocuyigit, Feray Akbas, Yusuf Emre Akbulut, Berfin Akbulut, Vahit Can Cavdar
- PO4.142 Obesity as a Key Determinant of HFpEF in Postmenopausal Women: Cardiometabolic Remodeling**
Alessandra Bedin-Pochini, Janete Rabelo Rios, Joyce Rodrigues Façanha, Dharien Correia, João Carvalho Júnior, Diogo Toledo, Guilherme Giorelli
- PO4.143 Acute Cholecystitis with Biliary Sludge After Semaglutide-Associated Weight Loss in a Patient with Familial Gallbladder Disease: A Case Report**
Ferhat Çetin, Dila Güzel, Hulya Yalin Turna, M. Temel Yilmaz

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- PO4.144** **Extreme Weight Loss Following Dapagliflozin Use in a Patient With Type 1 Diabetes and Insulin Resistance: A Case Report**
Khaled Aburisheh, [Ruwayd Alghamdi](#)
- PO4.145** **Pharmacological Management of Cardiometabolic Risk in Croatia: Two-Decade Trends in Lipid-Lowering, Antihypertensive, and Glucose-Lowering Therapies**
[Andrej Belančić](#), Marta Kučan Stiglic, Ana Jelaković, Ivan Pećin, Željko Reiner, Bojan Jelaković, Dinko Vitezić
- PO4.146** **From insulin dependence obesity hypoventilation syndrome to cardiometabolic harmony: GLP-1 receptor agonist therapy in a complex cardio-respiratory-obesity case**
[Sharif Ahmad](#)
- PO4.147** **The relationship between body fat mass and emerging lipid parameters, as a predictif cardiometabolic risk in women living with obesity**
[Mohamed Ridha Guedjati](#), Khedidja Benfatah, Adeila Dallel Taibi
- PO4.148** **Impact of Semaglutide on Weight and Body Composition in Patients with Obesity Stratified by the Edmonton System**
[Jorge Blanco Anesto](#), Joana Nicolau
- PO4.149** **Prevalence of chronic kidney disease in patients with obesity: an under-recognised comorbidity**
[Claudia Lozano-Aida](#), Judit Fernández García, Lucía Fernández Álvarez, Álvaro Aguiar Crespo, Clara García Solares, Lorena Suárez Gutiérrez, Ceferino Martínez Faedo, Elsa Villa Fernández, Ana Victoria García Gómez, Carmen Lambert, Rosario Fernández García Salazar, Elias Delgado Alvarez, Miguel García Villarino, Edelmiro Menéndez Torre
- PO4.150** **Nutritional evaluation for the assessment of patients with overweight and obesity admitted to moderate care in University Hospital in Uruguay**
[Amalia Veronica Perez Papadopulos](#), Paulina Bisio Gronros, Belen Gallicchio Russomanno, Julieta Lafull Dolz, Fernanda Lucas Balatti, Gisela Romina Marra Yanieri, Maria Eugenia Rodriguez Cabrera
- PO4.151** **Weight Loss Outcomes of Clinically Complex Clients with Hypertension**
[Asiye Busra Sirin Ayva](#), Sophie Edwards, Paul Gately
- PO4.152** **Optimization and expansion of the Edmonton Obesity Staging System framework**
[Sofia Pazmino](#), Amar Van Laar, Pavlos Mamouris, Nele Steenackers, Roman Vangoitsenhoven, Ann Mertens, Ellen Deleus, Matthias Lannoo, Margo Hulsmans, Caroline Simoens, Bert Vaes, Bart Van Der Schueren
- PO4.153** **Low levels of Phase Angle (PhA) are associated to high levels of Resting Metabolic Rate (RMR) in patients with severe obesity and different associated diseases**
[Amelia Brunani](#), Raffaella Cancellò, Cristina Poletti, Simona Bertoli, Paolo Capodaglio
- PO4.154** **Annual prevalence of body mass index documentation in primary care in Germany and the United Kingdom**
Karel Kostev, Ximena Orozco Ruiz, [Susanne Van Der Beck](#), Olivia Meadowcroft, Sarah Rickwood
- PO4.155** **Beyond BMI: Waist circumference and BIA reveal high-risk adiposity phenotypes in chronic kidney disease**
[Aljoša Kuzmanovski](#), Bojan Knap, Jelka Lindić
- PO4.156** **Obesity Phenotyping Beyond BMI and Its Impact on Mortality: A Retrospective Study in Hospitalized Patients at QuirónSalud Hospital**
[Mariano Molina Ortega](#), Lara Dalla Rovere, Alessandro Guerrini, Rocio Fernández Jimenez, Carmen Hardy Añón, María García Olivares, Cristina Herola, Cristina Herola, José Manuel García Almeida
- PO4.157** **Comparative analysis of anthropometric parameters and their association with metabolic health in patients with obesity**
Peter Ivanov, Yavor Assyov, Radka Tafrađjijska-Hadžiolova, [Teodora Handjjeva-Darlenska](#)
- PO4.158** **Central Obesity Assessment Using Waist-to-Hip Ratio Versus DEXA-Derived Android-to-Gynoid Fat Ratio: Findings from the COMPARE-DEXA Study**
[Haifa Alotaibi](#), Alanoud Alfraidi, Feras Altunisi, Jamalrah Selan, Shadan Almuhaidib, Waleed Alhazzani
- PO4.159** **Continuous glucose monitoring for assessment of prediabetes state in overweight patients**
[Tzvetelina Totomirova](#), Mila Arnaudova, Nikolay Kostadinov



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- PO4.160 Obesity Underdiagnosis in A Tertiary Hospital**
Wiessam Abu Ahmad, Sella Boneh, Esther Osher, Yona Greenman, Yael Sofer
- PO4.161 Evaluating obesity severity in adolescents presenting for behavioural treatment**
Natalie B Lister, Natalie C Perri, Hannah Melville, Hiba Jebelle, Megan Gow, Shirley Alexander, Louise A Baur, Eve T House
- PO4.162 New proposals for the diagnosis and classification of obesity**
Gabriel Jaime Matta Herrera
- PO4.163 Vitamin D and Obesity: A Biomarker Perspective**
Sarka Svobodova, Ondrej Topolcan, Lemis Kravec, Michal Jirasko, Martina Pestova
- PO4.164 Is Bioelectrical Impedance an Alternative to Body Mass Index for Obesity Classification? Results from the COMPARE-DEXA Study**
Haifa Alotaibi, Alanoud Alfraidi, Feras Altunisi, Jamal Selan, Shadan Almuhaideb, Waleed Alhazzani
- PO4.165 Best practices for measuring food noise: psychometric considerations and future directions**
Emily H Ho, Berivan Ece
- PO4.166 Age-Related Assessment of Anthropometric Indicators for Clinical Obesity: Verification of the Lancet Commission Criteria in Korean Adult Populations**
Sang Joon An, Mi Hyang Jung, Choongki Kim, Min Jeong Kim, Youngchan Ahn, Chuljin Lee, Hyo Jin Ju, Ju Young Kim, Hwa Jung Kim
- PO4.167 Is Body Mass Index a good indicator for Obesity. A National Survey among Lebanese women 1997-2025**
Yasser Yaghi, Mira Elmasri, Samer Ismail
- PO4.168 Higher BMI is associated with more financial problems, loneliness, and stress: insights from a novel nationwide screening tool**
Renate E.H. Meeusen, Mariëtte R Boon, Jorrit Van Uhm, Erica L.t. van den Akker, Elisabeth F.c. Van Rossum
- PO4.169 LFPQ-2.0: A scalable clinical outcome assessment tool for neurobehavioural components of food reward ("liking" & "wanting") for pharma, food and health research**
Graham Finlayson, Catherine Gibbons, Katherine Horner, Pauline Oustric, Kristine Beaulieu
- PO4.170 Adipose Tissue Parameters among Lebanese Women. A National Survey**
Yasser Yaghi, Mira Elmasri, Samer Ismail
- PO4.171 Development and validation of a comprehensive obesity questionnaire for general practice**
Amar Van Laar, Sofia Pazmino, Ines Van Houtte, Nele Steenackers, Eefje Van Nuland, Lisa Van Ryckeghem, Roman Vangoitsenhoven, Ann Mertens, Amber Van Den Eynde, Lore Saenen, Wout Van Der Borgh, Ellen Deleus, Matthias Lannoo, Margo Hulsmans, Bart Van Der Schueren
- PO4.172 Delayed diagnosis associated with absence of standard preoperative endocrine assessment before bariatric surgery: two cases within the Cushing syndrome spectrum after sleeve gastrectomy**
Zeynep Akgül Kizilçay, Sezin Doğan Çakır, aybüke tunç, Mine Adaş
- PO4.173 Prevalence rates of overweight and obesity among children measured by applying Tri- ponderal index**
Sevdalina Alekova Todorova, Neli Grozeva, Milena Tzanova, Svetoslava Terzieva, Stanka Baycheva
- PO4.174 Multidisciplinary Laboratory Diagnostics of Obesity-Related Complications**
Ondrej Topolcan, Sarka Svobodova, Lemis Kravec, Michal Jirasko, Martina Pestova, Sarka Svobodova
- PO4.175 Performance of common obesity assessment methods relative to stable isotope dilution in women aged 20–49 years in Kenya**
Susan Wambui Wairegi, Dorcus Mbithe David Kigaru, Zipporah Ndung'u, Judith Waswa
- PO4.176 "Time-restricted eating can be maintained if you turn it in to a habit": a qualitative study from the TEMPUS Randomized Controlled Trial**
Balma Boira-Nacher, Antonio Clavero-Jimeno, Dra Alba Camacho-Cardenosa, Emmanuel Espinoza Hernández, Juan J. Martin-Olmedo, Marcos Molina Fernández, Adrián Cortés Martín, Alejandro López Vázquez, Alejandro De-la-O, Rubén Fernández Rodríguez, Jonatan Ruiz



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- PO4.177** **The impact of maternal adiposity and dietary immunomodulatory properties on the immunological profile of human milk: a case-control study**
Monika A. Zielinska-Pukos, [Babia Baglaylici](#), Magdalena Orczyk-Pawłowicz, Anita Froń, Jadwiga Hamulka
- PO4.178** **Polygenic Risk for Hepatic Fat and BMI Does Not Modify Short-Term Responses to Lifestyle Interventions: A Secondary Analysis from the TEMPUS Randomized Controlled Trial**
Juan J. Martín-Olmedo, Antonio Clavero-Jimeno, Alba Camacho-Cardenosa, Marcos Molina Fernández, Balma Boira-Nacher, Adrián Cortés-Martín, Lucas Jurado-Fasoli, Xuan Zhou, José Luis Martín Rodríguez, Jordi Merino, Jonatan R. Ruiz
- PO4.179** **Targeting Muscle Strength to Prevent Frailty in Older Adults with Obesity: The Role of Essential Amino Acids**
[Federica Perazza](#), Sofia Collini, Fabiana Sbraga, Silvia Garelli, Uberto Pagotto, Maria Letizia Petroni
- PO4.180** **Effects of a 12-week Time-Restricted Eating and Resistance Training intervention on Resting Metabolic Rate in Postmenopausal Women with overweight or obesity; Preliminary findings of the EMPOWER project**
Unai Azcárate, Víctor Manuel Alfaro Magallanes, Gemma Bermejo Martínez, Jesús García Arive, Maddi Osés, Jon Echarte, Claudia Izquierdo, María Medrano, [Idoia Labayen](#)
- PO4.181** **Effects of early, late and self-selected time-restricted eating on pancreatic fat in men and women with overweight or obesity: a secondary analysis of a multicenter randomized controlled trial**
[Dongping Guo](#), Marcos Molina Fernandez, Antonio Clavero Jimeno, Manuel Dote Montero, Maddi Osés, María Medrano, Alba Camacho Cardenosa, Patricia Morillo Moreno Torres, Mara Concepción, Rafael Cabeza, Alejandro López Vázquez, Iñigo Urdiain, José L Martín Rodríguez, Manuel Muñoz Torres, Idoia Labayen, Jonatan Ruiz Ruiz
- PO4.182** **Effect of a Mediterranean Diet on Hematological Inflammation-Based Scores in Adults with Obesity: A Retrospective Study**
[Khwla Salhi](#), Zineb Ayouché, Mohammed Amine Essafi, Zineb El Azime, Hayat Aynaou, Houda Salhi
- PO4.183** **The Glycemic Wheel: A Visual Dietary Tool to Enhance Dietary Self-Management and Education and Improve Glycemic and Weight Control**
[Ashwin Karuppan Viswanathan](#), Aafrin Shabbir, Hariharan Sukumaran, Shoba S P
- PO4.184** **The Role of the Ketogenic Mediterranean Diet in Body Weight Management**
[Dilek Sivri](#), Raffaele Ivan Cincione
- PO4.185** **Microbiota & Its Influence on Muscle Injury Recovery & Joint Inflammation: A New Era in Combining Nutrition & Physical Therapy**
[Sara Aziz Elsayed](#)
- PO4.186** **Lymphatic Dysfunction as a Hidden Driver of Obesity: Integrating Physiotherapy-Based Lymphatic Activation with Anti-inflammatory Nutrition for Improved Metabolic Outcomes**
[Sara Aziz Elsayed](#)
- PO4.187** **Diet Quality and Micronutrient Adequacy in Postmenopausal Breast Cancer Survivors with Overweight or Obesity Receiving Aromatase Inhibitors**
[Danijela Ristic-Medic](#), Biljana Pokimica, Snežana Petrović, Aleksandra Arsic, Anđelija Petrović, Milan Gojčić, Vesna Vucic
- PO4.188** **Effects of time-restricted eating and calorie-restricted diet on weight loss, antropometric parameters, and eating behavior in adults with overweight or obesity - pilot study**
[Małgorzata Moszak](#), Agnieszka Wesolek-Leszczynska, Joanna Michałowska, Monika Szulińska, Pawel Bogdanski
- PO4.189** **Morning chronotype is associated with greater total weight loss during nutritional counselling: A pilot study**
[Birsen Yilmaz](#), Sahika Nur Bidar Alaca, Emre Uzun, Mahmut Bodur
- PO4.190** **Impact of a High-Flavonoid, High-Fiber Diet in combination with GLP-1 analogues therapy on the Immunometabolic Profile in subject affected by Metabolic Syndrome and Type 2 Diabetes**
[Alessia Tammaro](#), Giulia Zanchi, Benedetta Russo, Annalisa Silenzi, Caterina Fanali, Ilaria Simonelli, Marika Menduni, Fabiana Picconi, Valentina Monteleone, Massimo D'archivio, Rosaria Vari, Beatrice Scazzocchio
- PO4.191** **Butyrate in the treatment of obesity-related inflammation**
[Ivaylo Atanasov Bogomilov](#), Vesela Stancheva Mihneva, Branimira Mihaylova Mihaylova

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- PO4.192** **Apolipoprotein e and lipoprotein lipase genes in evaluating the effectiveness of the hypocaloric standard diet in obese people**
Tatyana Sentsova, Lidia Ilyenko
- PO4.193** **High degree of proteinuria and a losing weight as the major strategy of treatment- obese patient- case report**
Natia Katamadze
- PO4.194** **Inter-individual variability in body composition changes during semaglutide therapy: a real-world case series**
Burcu Akpinar
- PO4.195** **Sex differences in the association between Mediterranean diet adherence and physical activity with hepatic steatosis: a vibration-controlled transient elastography study in an overweight and obese population**
Gediz Dogay Us, Francesco Innocenti, Ozgur Mustafa Koc, Volkan Demirhan Yumuk, Zeynep Banu Gungor, Ger Koek
- PO4.196** **Digital Competence of Exercise Therapists in Obesity Therapy: Current Gaps, Predictive Factors, and the Path Toward Digital Sovereignty**
Sabine Alexandra Pawellek, Isabell Estorff, Hagen Wulff, Thomas Wendeborn
- PO4.197** **Real world data from digital delivery of the Counterweight dietary weight management programmes combined with tirzepatide or semaglutide in primary care: 9-month service evaluation outcomes**
Lastes Sihombing, Simone Sarchet, Jo Daish, Anna Bell Higgs, Veronica Naude, Sasha Lee Roscher, Michael Lean, Emilie Combet, David Blane, Marta Vila Mola, Naomi Brosnahan
- PO4.198** **Effectiveness and use of digital tools to support obesity management medications: An AI systematic literature review (the OUTSTEP 4 study)**
Germano L C Ferreira, Andreea Ciudin, Leyla Hernandez Donoso, Idit Dotan, Linong Ji, Priyanka Padwal, Ricardo Reynoso, Michael Vallis, Arya M. Sharma
- PO4.199** **Between-Visit Digital Behavioural Support and Early Adherence to GLP-1 Therapy in Real-World Obesity Care in Ireland**
Megha Poddar, Paola Greiser, Carel W Le Roux, Michael Crotty, Alvin Mondoh
- PO4.200** **Deciphering the "Active Ingredients" of Digital Therapeutics: Identifying Optimal Dosing and AI-Driven Ecological Momentary Interventions in Obesity Care**
Lucy Jones, Felix Schirmann, Alexander Kramer, Johanna Drewelies, Nadine Huettenrauch
- PO4.201** **Healthcare Resource Utilisation and NHS Cost Implications of Private Virtual GLP-1 Obesity Care**
Alun Davies
- PO4.202** **Real-World Outcomes and Comparative Effectiveness of Tirzepatide, Semaglutide, and GLP-1 Therapy Switching in 40.712 People With Obesity in a Pan-European Single-Provider Digital Care Model**
Oliver Willacy, Felix Wittström, Oleg Ivanytskyi, Elin Skoglund, David Buchebner, Kristofer Ringner, Anna Sommerfeld, Martin Carlsson
- PO4.203** **Effectiveness of a Smartphone-Based Food Journaling App on Reducing Central Obesity in Adults Living with Obesity: A Randomized Controlled Trial**
Dr Vinayak Hiremath
- PO4.204** **Real-world Weight Loss Outcomes Across BMI Categories with Tirzepatide and Semaglutide in a UK Digital Weight Management Platform**
Laura Perez Torres
- PO4.205** **Impact of various telerehabilitation modalities on sedentary behaviour after inpatient rehabilitation program in adults living with obesity: preliminary results from a randomised controlled trial**
Rémi Schneider, Iouri Bernache Assollant, Clément Christen, Mailyss Sylvestre, Frédéric Bruc, Jessica Tavernier, Benoit Borel
- PO4.206** **DT.E66 – A Cognitive Behavioral Digital Therapeutic for Lifestyle Management in Metabolic Disease**
Hyunji Sang, Minji Kang, Ji Hye Choi, Hyun Jung Park, Tae Hyun Park, Soo Jin Yun, Sunyoung Kim, Hyunjung Lim, Joo Young Kim, Dong Keon Yon, Sang Youl Rhee
- PO4.207** **Designing Streak-Based Gamification to Sustain Engagement and Behaviour Adherence in Digital Weight Management**
Rosemary Huntriss, Dimitri Nikogosov, Rodion Salimgaraev, Max Borodin

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- P04.208** **Real-world effectiveness and patient-reported outcomes of tirzepatide for obesity in 585,000 adults in a UK digital care cohort**
Onayomi Rosenior-Patten, Zoe Lees, Rebecca Rowe, Safia Hussain, Ehtasham Ahmad, Edward Brooke, [Sophie Dix](#), Catriona Maybury
- P04.209** **Occupational distribution in a real-world digital obesity care population**
[Anna Sommerfeld](#), Kristofer Rigner, Elin Skoglund, Oliver Willacy, Felix Wittström, David Buchebner, Martin Henrik Carlsson
- P04.210** **Remote Yet Connected: Redefining the Virtual Obesity Clinic for Europe's Diverse Healthcare Systems**
[Alun Davies](#)
- P04.211** **Digital health nutritional interventions in Bosnia and the region: Insights from the NutriSeta experience**
[Amina Seta](#)
- P04.212** **Innovative approach in weight management: Comparison of food replicas and augmented reality-based mobile application on body composition**
[Merve Çapaş](#), [Meliha Çavdar](#)
- P04.213** **Real-World Weight Loss Outcomes of the Digital Therapeutic zanadio in Patients with Obesity and Cardiovascular Disease**
Kathleen Wiencke, Romina Zimmermann, Annika Gentz, Sara Clever, Saemundur Oddsson, David Arnar, [Andrew Grannell](#)
- P04.214** **Preservation of skeletal muscle mass during GLP-1 receptor agonist therapy: An as-treated mixed-effects analysis by drug type**
[Alexander Jürets](#), Emilia Ida Frohner, Bianca Karla Itariu
- P04.215** **Early Week-4 Phentermine Escalation Guided by EO-9 Phenotyping in Mexican Adults Living with Obesity: A Double-Blind Randomized Trial**
[Oscar Manuel Torres Falcon](#), Mario Torres Diaz
- P04.216** **Efficacy and Safety of Oral Orforglipron in Adults Living with Obesity: A Systematic Review and Meta-analysis**
[Noha Hammad](#)
- P04.217** **The Pharmacokinetics of the GLP-1 Agonist ROSE-010 and Effect on Appetite, Food Consumption and Weight in Subjects with Overweight and Obesity**
[Enda Kenny](#), Per Samuelson, Maria Månsson, Per M Hellström
- P04.218** **Zenagamtide, a Novel, Long-Acting, Unimolecular GLP-1 and Amylin Receptor Agonist, Does Not Impact the Pharmacokinetics of the Combined Oral Contraceptive, Levonorgestrel/Ethinylestradiol**
[Maria B. N. Gabe](#), Ruben Duque Do Vale, Swathi Gopal, Gaetano Morelli, Christoph Wippel, Anne Flint
- P04.219** **Zenagamtide, a Novel, Long-Acting Unimolecular GLP-1 and Amylin Receptor Agonist, Does Not Delay Gastric Emptying**
[Maria B. N. Gabe](#), Ruben Duque Do Vale, Swathi Gopal, Tobias Karlsson, Gaetano Morelli, Anne Flint
- P04.220** **Early weight response predicts 5–6-month $\geq 10\%$ weight loss with phentermine/topiramate ER in real-world practice: a retrospective cohort study**
[byoungduck han](#), Seon Mee Kim Kim, Jaedong Lee, Yang-Hyun Kim
- P04.221** **Intermittent Fasting as a Neuro-Metabolic Strategy in Obesity: Dose-Dependent Behavioral and Adipose Optimization with Mazindol Support**
[Oscar Manuel Torres Falcon](#), Mario Torres Diaz
- P04.222** **Real World Study of Oral Semaglutide Users for Obesity Management and Their Comparison with Users for Type 2 Diabetes with Obesity**
[Brij Mohan Makkar](#), Kirti Soota, Kavita Anand
- P04.223** **The Ozempic Era Could Shift Blame for Obesity From Individuals to Commercial Food Systems**
[Luc Louis Hagenaars](#), Laura Anne Schmidt

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- PO4.224** **Tirzepatide Dose–Response Compared with Phentermine 30 mg in Mexican Adults Living with Obesity: A 12-Month Evaluation of Effectiveness, Adherence, and Economic Sustainability**
Oscar Manuel Torres Falcon, Mario Torres Diaz
- PO4.225** **Extended-Interval Tirzepatide With Phentermine Bridging Versus Intermittent Phentermine in Adults Living with Obesity: 52-Week Outcomes**
Oscar Manuel Torres Falcon, Mario Torres Diaz
- PO4.226** **Real-World Effectiveness and Metabolic Outcomes of Tirzepatide in Adults with Obesity**
Nikolaos Angelopoulos, Ioannis Androulakis, Valentina Petkova, Evangelos Foustieris, Andreas Rizoulis, Dimitri Zianni, Ploutarchos Tzoulis, Rodis Pappardis, Dimos Florakis, Anastasios Boniakos, Sarantis Livadas
- PO4.227** **Efficacy of semaglutide on body recomposition and functional muscle strength: A comparative study in real-world clinical practice**
Francesca Filippi Arriaga, Marta Comas, Anna Prats, Elina Vidal, Pilar Costa, Vanesa Flores, Enza Fidilio, Andreea Ciudin
- PO4.228** **Impact of GLP 1 Receptor Agonists on Atherogenic Index of Plasma and Metabolic Profile in Adults Living With Type 2 Diabetes and Obesity**
Fatma Ceylan Onen, Evin Bozkur, Meral Mert
- PO4.229** **Trends in AntiObesity Medication Prescribing Across General Practice, Cardiology, and Gynecology in Germany, 2020–2024**
Karel Kostev, Susanne Van Der Beck, Olivia Meadowcroft, Sarah Rickwood
- PO4.230** **Preservation of skeletal muscle mass during GLP-1 receptor agonist therapy in adults with obesity: A retrospective bioimpedance analysis**
Emilia Ida Frohner, Bianca Karla Itariu, Alexander Jürets
- PO4.231** **Cardiometabolic Impact of GLP-1 Receptor Agonists in Inflammatory Bowel Disease: Evidence from a Systematic Review and Meta-analysis**
Christos Mademlis, Dimitrios Patoulias, Theocharis Koufakis, Aristeidis Kefas, Lefteris Teperikidis, Olga Giouleme, Michael Doumas
- PO4.232** **Effects of Adjunctive Phentermine/Topiramate ER Versus Intensification of Oral Hypoglycemic Agent on Glycaemic Control and Body Weight in Obese Patients with Type 2 Diabetes and Increased Appetite**
Boyeon Kim, Jae Hyuk Lee
- PO4.233** **Effect of glucagon-like peptide-1 receptor agonists on body weight among individuals with overweight/obesity treated with antipsychotics: a meta-analysis of randomized controlled trials**
Dimitrios Patoulias, Christos Mademlis, Kyriaki Vafeidou, Georgia Papanastasiou, Anastasia Sarvani, Anna Varouktsi, Konstantinos Stavropoulos, Theocharis Koufakis
- PO4.234** **Phentermine Across Time: Four-Year Body Composition Remodeling and Patient-Centered Outcomes in Adults Living with Obesity within Contemporary Pharmacotherapy**
Oscar Manuel Torres Falcon, Mario Torres Diaz
- PO4.235** **First report of reversible CA-125 and CA-19-9 elevation probably linked to semaglutide therapy (“Wegovy”)**
Devran Topçürek, Martina Gebhart, Peter Koch, Arnoud Jan Templeton, Matthias Hepprich
- PO4.236** **Changes in body composition and metabolic markers after treatment with phentermine and a flexible weight-loss strategy and its variations by gender: a six-month longitudinal study**
Georgina Roano Iglesias, Cesar Ochoa Martinez, María Magdalena Valencia Gutiérrez
- PO4.237** **Long-Term Body-Composition Benefits of Intermittent Phentermine Combined With Structured Lifestyle Therapy: 24-Month Randomized Follow-Up in Adults Living With Overweight or Obesity**
Oscar Manuel Torres Falcon, Mario Torres Diaz
- PO4.238** **Delayed Response to Semaglutide in Obesity: A Prospective Effectiveness Analysis**
Luiza Subbotina, Татьяна Маркова, Mukhamed Stas, Sofia Shemiakina
- PO4.239** **Quality of Life Effects of GLP 1 Receptor Agonists in Adults Living With Type 2 Diabetes and Obesity**
Fatma Ceylan Onen, Evin Bozkur, Meral Mert



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- PO4.240 Perspectives on anti-obesity medication use among untreated adults with obesity in Greece: results from a survey study**
Christina Tsatsaki, Georgios Dimakopoulos, Matilda Florentin, Eleni Mangiorou, Haralampos Milionis, George Liamis, Michael Dourmas, Dimitrios Patoulias, Kalliopi Kotsa, Fotios Barkas, Theocharis Koufakis
- PO4.241 Effects of Tirzepatide Therapy on Arginine Vasopressin Deficiency: A Case with Reduced Desmopressin Requirement**
Elif Yivli, Ömercan Topaloğlu
- PO4.242 Economic Evaluations of Setmelanotide in Rare Genetic Obesity: A Systematic Review**
Andrej Belančić, Elvira Meni Maria Gkrinia, Rossana Roncato, Eda Sel, Slobodan Janković, Dinko Vitezić
- PO4.243 Nutritional, Functional and Psychological Considerations for Obesity Management Medications in Adults – An EASO, EFAD and ECOPO Consensus Statement**
Laurence J. Dobbie, Liisa Tolvanen, Daniela Alves, Jennifer L. Baker, Natalie S Bez, Susie Birney, Leonie H Bogl, Adrian Brown, Monica Bulló, Ken Clare, Emma L Duncan, Ellen Govers, Vicki Mooney, Hilda Mulrooney, Daniela Ojeda Mercado, Grace O'malley, Jean Michel Oppert, Toby Pillinger, Wineke Remijnse, Emma Shuttlewood, Maria Wakolbinger, Euan Woodward, Volkan D Yumuk, Maria Hassapidou, Andreea Ciudin, Barbara Mcgowan
- PO4.244 The Journey to Target Weight: Our Experience with GLP-1 Therapy in Obese Patients**
Diana Ioana Maduta, Ramona Dobre, Iulia Florentina Burcea, Raluca Cosmina Pirvu, Catalina Poiana
- PO4.245 Use of semaglutide in the pharmacotherapy of obesity in a breastfeeding woman**
Aleksandra Puch Walczak, Katarzyna Szmygel, Lucyna Konieczna, Piotr Struczynski, Michał Hoffmann
- PO4.246 Physiological drivers of food noise and the potential role of GLP-1–based treatments**
Jens Juul Holst
- PO4.247 Clinical Obesity Is Associated with Reduced Functional Capacity in Older Adults Attending Primary Care: Evidence from the ICOPE-Brazil Study**
Francinelli Sabrina Hoelzle, Silvana Pinheiro Neiva, Amanda Aparecida Oliveira Leopoldino, Leani Souza Máximo Pereira
- PO4.248 Semaglutide in a Frail Elderly Patient with Obesity and Heart Failure and Preserved Ejection Fraction: A Case Report**
Hio Wai Leong, Monica Pon, Hou Ng
- PO4.249 Cardiometabolic Risk Assessment in Obese Elderly Patients**
Simona Opris, Gianina Ioana Constantin
- PO4.250 IL-1beta Modifications in Older Patients with Type 2 Diabetes and Obesity**
Gianina Ioana Constantin, Simona Opris, Catalina Monica Pena
- PO4.251 CagriSema Reduces High-Sensitivity C-Reactive Protein in Adults With Overweight or Obesity: The REDEFINE 1 Trial**
Pam B. Taub, Matthias Blüher, Morten Böttcher, Paul Brown, Paolo Sbraccia, Lærke Smedegaard, Rasmus Sørrig, John P. H. Wilding, Ildiko Lingvay
- PO4.252 Assessing Cardiovascular Safety and Outcomes With the Combination of Cagrilintide and Semaglutide (CagriSema): REDEFINE 3 Randomised Clinical Trial Baseline Characteristics and Methods**
Matthew A. Cavender, Ania M. Jastreboff, Alice Cheng, Melanie J. Davies, Lucienne Donaldson, Lars Ole Gerlach, Silas Hirsch Gylvin, Jacob Bonde Jacobsen, Nikolaus Marx, Cynthia Karenina Osorto Contreras, Carel W. Le Roux, A. Michael Lincoff
- PO4.253 Efficacy of Oral Semaglutide 25 mg in People with Overweight or Obesity and Poor Physical Function**
Domenica Rubino, Oscar Birkhan, Timothy W. Garvey, Ildiko Lingvay, Naveen Rathor, Chaitra Shaji, Inger Smith, Sean Wharton
- PO4.254 Long-term Administration of Diazoxide Choline Prolonged-Release (DCCR) Tablets in People with Prader-Willi Syndrome: Changes in Lean Body Mass and Lean Mass Index**
Jennifer Miller, Michael Huang, Jing Gong, Neil Cowen, Paula Maguire, Evelien Gevers
- PO4.255 Changes in Food Noise in Two Weight Management Programs: Effects of GLP1 Receptor Agonists**
Hanim E. Diktas, Stephanie P. Goldstein, Michelle I. Cardel, Gary D. Foster, Corby K. Martin



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- PO4.256** **Characterisation of CagriSema dose reductions in the REDEFINE 1 trial**
W. Timothy Garvey, Jaime P. Almandoz, Mikkel Hovden Christensen, Cynthia Karenina Osorto Contreras, Anthony N. Fabricatore, Thomas Bo Kensen, Michael G. Knight, Kirsi H. Pietiläinen, Carel W. Le Roux
- PO4.257** **Targeting emotional eating in obesity and type 2 diabetes: preliminary effects of GLP1RA-naltrexone/bupropion dual therapy**
Giovanni Ragozzino, Igea Martine Madonna, Edi Mattera
- PO4.258** **Food-induced cortisol and short-term energy partitioning during overfeeding in healthy men: a randomized, placebo-controlled crossover study**
Gabriele Cypaite, Jil C. Chevailler, Lisa Zanetti, Lorena Wyniger, Susanne Thierry, Michael Epstein, Eleonora Seelig
- PO4.259** **Lighten-up: Leveraging incretins and growth hormone to engineer a unimolecular pharmacotherapy**
Cecilie Kynding Kristensen, Hannes Embring, Rebecca L. McIntyre, Lucile Dollet, Jens Otto Lunde Jorgensen, Niels Jessen, David Tandio, Zachary Gerhart-Hines
- PO4.260** **Treatment with Oral VK2735 Results in Significant Weight Loss: the Randomized, Placebo-Controlled, Dose-Finding VENTURE-2 Study**
Parke Hedges, Harold Bays, Bradley Freilich, Kelly Bowman, Bradley Neutel, Becky Steele, Karen Modesto, Summer Ji, Brian Lian
- PO4.261** **Treatment effect of CagriSema 2.4 mg/2.4 mg in adults with early-onset overweight or obesity in REDEFINE 1**
Matthias Blüher, Cynthia Karenina Osorto Contreras, Jason C. G. Halford, Aaron S. Kelly, Ananda Kosuvaripalli, Eva Winning Lehmann, Kirsi H. Pietiläinen, Dror Dicker
- PO4.262** **Effect of Semaglutide on Body Composition and Proximal Muscle Strength: The STEP UP Trial**
Jøran Hjelmæsæth, Suhas Bhat, W. Timothy Garvey, Kristoffer Jensen Kolnes, Ildiko Lingvay, Niklas Kahr Rasmussen, Julio Rosenstock, Sean Wharton
- PO4.263** **ASC35, a Once-Monthly Next-Generation GLP-1R/GIPR Dual Agonist Peptide, demonstrated 14-day average observed half-life, 6-fold longer than tirzepatide, in NHP model and 71% more relative weight loss than tirzepatide in DIO mouse model**
Jinzi Jason Wu, Kunhua Dong, Chengfei Wu
- PO4.264** **ASC47 in Combination with Semaglutide Demonstrated Up to 111.8% Greater Relative Weight loss in Participants with Obesity Compared to Semaglutide Monotherapy**
Jinzi Jason Wu, Yike Li
- PO4.265** **The impact of glucagon-like peptide-1 receptor agonists on functional capacity and muscle strength in people with overweight and obesity: a systematic review and meta-analysis**
Puck S. van den Hooff, Anne M.H. Rewinkel, Thijs M.H. Eijsvogels, Maria T.E. Hopman, Tim Kambič, Valerie M. Monpellier, Jan H.m. Karregat
- PO4.266** **Orforglipron Improved Physical and Psychosocial Function in Adults with Obesity or Overweight in the ATTAIN-1 Trial**
Christy Houle, Neena A. Xavier, Adam Stefanski, Georgios K. Dimitriadis, Benjamin Behrend, Jinhong Li, Harold Bays, Michelle Look
- PO4.267** **Renal or Hepatic Impairment Does Not Affect the Pharmacokinetics, Safety or Tolerability of Subcutaneous Cagrilintide**
Mette J. F. Nielsen, Niels Peter Becker, Helene H. Hansen Duus, Katrine Kirkeby, Viera Kupčová, Britt W. Lauenborg, Benjamin Low, Olivia Svolgaard, Louise Witten
- PO4.268** **OASIS 4: Efficacy of Oral Semaglutide 25 mg in Obesity Treatment Targets and Low-risk Outcome for Cardiometabolic Risk Factors**
Carel W. Le Roux, Oscar Birkhan, Naveen Rathor, Domenica Rubino, Chaitra Shaji, Luca Busetto
- PO4.269** **STEP UP: Efficacy of Semaglutide in Obesity Treatment Targets and Cardiovascular Risk Thresholds**
Carel W. Le Roux, W. Timothy Garvey, Kristoffer Jensen Kolnes, Jøran Hjelmæsæth, Ildiko Lingvay, Niklas Kahr Rasmussen, Volker Schneck, Luca Busetto



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- PO4.270** **ASC36, a Once-Monthly Next-Generation Amylin Receptor Agonist Peptide, demonstrated 32-day average observed half-life, 6-fold longer than petrelintide, in NHP model and 91% more relative weight loss than petrelintide in DIO rat model**
Jinzi Jason Wu, Kunhua Dong, Chengfei Wu
- PO4.271** **Pilot randomised, double-blind, placebo-controlled study with open-label extension of a gastro-retentive hydrogel pill, Sirona, for weight management**
James P Byrne, Elanor C Hinton, Asif Malik Humayun, Dimitri Pournaras, Rebecca L Elsworth, Jeff M Brunstrom, Julian P Hamilton-Shield, Camilla Easter, Hutan Ashrafian
- PO4.272** **Tirzepatide Use in Familial Partial Lipodystrophy Type 6: A Case Report**
Elena Sanj, Gabriele Giachetti, Valentina Mancioffi, Elisabetta Rinaldi, Claudio Maffei, Riccardo Bonadonna
- PO4.273** **Tirzepatide Promotes Fat Mass Reduction While Preserving Lean Mass: A Real-World Cohort Study**
Joana Nicolau, Jorge Blanco Anesto
- PO4.274** **Early Responders to Oral Semaglutide 25 mg: A Post Hoc Analysis of the OASIS 4 Trial**
W Timothy Garvey, Oscar Birkhan, Naveen Rathor, Chaitra Shaji, Domenica Rubino
- PO4.275** **Re-evaluation of safety and preliminary efficacy of a gastro-retentive hydrogel pill for weight management using the EASO framework for obesity as a chronic disease**
Elanor C Hinton, Asif Malik Humayun, Dimitri Pournaras, Rebecca L Elsworth, Camilla Easter, Hutan Ashrafian, James P Byrne
- PO4.276** **Diazoxide Choline Prolonged-Release for Hyperphagia of Patients with Prader-Willi Syndrome Who Have Both Obesity/Overweight and Healthy Body Weight**
Jennifer Miller, Heidi Shea, Lynne Bird, Ashley Hall Shoemaker, Jennifer Abuzzahab, Parisa Salehi, Theresa Strong, Lisa Matsevack, Jessica Bohonowych, Jing Gong, Michael Huang, Julie Perry, Neil Cowen, Paula Maguire, Evelien Gevers
- PO4.277** **Replacing Dietary Proteins with Essential Amino Acids to Preserve Lean Mass During Weight Loss in Severe Obesity: a pilot study**
Amelia Brunani, Raffaella Cancellò, Chiara Ruocco, Alessandra Milesi, Enzo Nisoli
- PO4.278** **VANQUISH-1: Phase 3 Trial With Enrollment of a Diverse Population to Test Efficacy of Subcutaneous VK2735 in Adult Participants With Obesity or Overweight With Weight-Related Comorbidities**
Holly Wyatt, Harold Bays, Parke Hedges, Bradley Freilich, Samuel Klein, Alpna Shukla, Karen Modesto, Summer Ji, Scott Stubbe, Tavette Neskoric, Brian Lian
- PO4.279** **Beyond Weight Loss: Muscle Mass Preservation and Visceral Fat Reduction in over 10,000 patients treated with the Allurion Smart Capsule**
Roberta Ienca, Bill Nadeau
- PO4.280** **Using a modified ecological momentary assessment tool to 'fingerprint' the effects of a weight-loss device (Sirona) on appetite and everyday dietary behaviour**
Rebecca Elsworth, Elanor Hinton, Camilla Easter, Asif Malik Humayun, Dimitri Pournaras, James Byrne, Hutan Ashrafian, Julian Hamilton-Shield, Jeffrey Brunstrom
- PO4.281** **More Than Just Weight Loss: Muscle Mass Preservation and Visceral Fat Reduction in Over 2,000 Patients Treated with the Allurion Smart Capsule**
Bill Nadeau
- PO4.282** **SYH2092, a Long-Acting Biased Amylin Agonist discovered through AI-driven platform, showed superior weight loss efficacy and sustained exposure in preclinical studies**
Jingyi Gao, Ying Yan, Min Wang, Zhen Xu, Quan Wang, Zhengsheng Liu, Linlin Xiao, Yang Zhang, Xiaojun Zhang, Lili Cui, Yajuan Wang, Mo Dan
- PO4.283** **Weight Loss Effectiveness of Semaglutide in Real-World Obesity Management: Analysis by Liraglutide Switch, Sex, and Baseline BMI**
Ilaria Milani, Maria Eugenia Parrotta, Marianna Chinucci, Emanuele Franzò, Elena Gintoli, Francesco Franco, Valeria Guglielmi, Danila Capoccia



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- PO4.284 Severe Diarrhea Following Tirzepatide Therapy in a Woman with Celiac Disease**
Ömercan Topaloğlu, Yusuf Elma, Taner Bayraktaroğlu
- PO4.285 Pharmacological management of weight regain after sleeve gastrectomy using a GLP-1 receptor agonist: a case report**
Nino Khabeishvili
- PO4.286 To Study The Therapeutic Efficacy Of Injectable Semaglutide in patients living with TYPE 2 DIABETES MELLITUS & OBESITY in India**
Malay Parekh
- PO4.287 Undiagnosed Mast Cell Activation Syndrome (MCAS) as a Hidden Barrier to Weight Loss**
Caetlin Jill Jopson
- PO4.288 Qualitative analysis of obesity management training among healthcare professionals**
Francisca Contreras, Tak YingLouise Ko, Carel Le Roux
- PO4.289 Transition of care for adolescents and young adults living with obesity: an evidence-based clinical practice guideline for Germany**
Gabriel Torbahn, Jana Brauchmann, Luise Laudenbach, Philipp Kapp, Nicole Vanersa, Edrienny Patricia Alves Accioly Rocha, Kathrin Grummich, Julia Lischka, Gundula Ernst, Joerg Johannes Meerpohl, Antje Tannen, Daniel Weghuber, Susann Weihrauch-Blüher, Susanna Wiegand
- PO4.290 Obesity Phenotypes and Differential Treatment Responses: A Roadmap to Personalized Management**
Zohreh Kourehpaz
- PO4.291 Does sex matter when maintaining weight loss? Sex differences during weight loss maintenance with GLP-1-based therapy and exercise: a randomized controlled trial**
Emma Jensen, Lærke Bruun Madsen, Joachim Holt, Rasmus Michael Sandsdal, Christian Rimer Juhl, Sarah Byberg, Jens Juul Holst, Sten Madsbad, Bente Merete Stallknecht, Kirstine Nyvold Bojsen Møller, Matteo Fiorenza, Simon Birk Kjær Jensen, Signe Sørensen Torekov
- PO4.292 Gender differences in immunometabolic and anti-inflammatory modulation of protocatechuic acid on adipose tissue of subjects with severe obesity**
Giulia Zanchi, Alessia Tammaro, Valentina Monteleone, Roberta Alessi, Irene Masciola, Carmela Santangelo, Gianfranco Silecchia, Sara Manella, Maria Antonietta Ajmone Cat, Roberta De Simone, Rosaria Vari, Beatrice Scazzocchio, Massimo D'archivio
- PO4.293 Menopause and weight management with GLP-1 receptor agonists: recent evidence**
Alessandra Bedin-Pochini, Ivan Lucas Picone Borges dos Anjos, Maria Clara Fernandes de Almeida Hellebrandt, Dharien Correia, Gabriela medeiros Pereira da silva Giordano, Diogo Toledo, Guilherme Giorelli
- PO4.294 Relation between phase angle and diabetic peripheral neuropathy symptoms in patients with metabolic syndrome and type 2 diabetes mellitus: gender differences**
Benedetta Russo, Marika Menduni, Federica Coccaro, Rebecca Sonnino, Michela Brunetti, Ilaria Simonelli, Caterina Fanali, Alessia Tammaro, Giulia Zanchi, Annalisa Silenzi, Valentina Monteleone, Rosaria Vari, Beatrice Scazzocchio, Massimo D'archivio, Simona Frontoni, Fabiana Picconi
- PO4.295 Phenotyping the responder: a real-world analysis of gender- and age-specific responses to VLCKD in people with obesity**
Ramona De Amicis, Silvia Gallosti, Amalia Bruno, Francesca Menichetti, Marina Bulzoni, Sara Paola Mambrini, Alessandro Leone, Santo Colosimo, Simona Bertoli
- PO4.296 The effects of weight loss diet therapy on lean mass, muscle strength, and physical performance in menopausal women**
Valerie Tikhonoff, Pamela Paganini, Dario Cattelan, Angelica Catelan, Luca Busetto
- PO4.297 Wider societal implications of semaglutide in Canada: productivity and quality adjusted life-years**
Marc Evans, Don Husereau, Julie Hvid Hahn Pedersen, Robert King, Jamie Kettle, Matthew Hankins, Ben Bray, Maria Luckevich, Elisabeth De Laguiche, Soeren Matkke



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- P04.298 Healthcare consumption and quality of life among people with obesity who are eligible for obesity management medication in France: results from the CONSTANCES cohort study**
Sebastien Czernichow, Marine Bertrand, Aya Kayali, Ghassan Sleilat, Florence Chartier, Sophie Bonnaud, Emmanuel Wiernik, Emmanuel Disse
- P04.299 Cost-Effectiveness of Semaglutide 2.4 mg and Tirzepatide for Treatment of Obesity in Portugal: An Updated Health Economic Analysis**
Manuel Néry, Jorge Fragoso, Anamaria Olivieri, Suramya Shukla, Margarida Borges, Vasco Conde, [Paula Freitas](#)
- P04.300 Tirzepatide Use Resulted in Weight Reduction Among GLP1 RA Naïve Individuals With Obesity: Results From 2 RealWorld Studies**
[Theresa Hunter Gibble](#), Chanadda Chinthammit, Donna Mojdami, Karishma Desai, Carlos Vallarino, Ahong Huang, Melody Dehghan, Harold Bays
- P04.301 Switching to Tirzepatide From a GLP1 RA Resulted in Weight Reduction: Results From 2 RealWorld Databases**
Chanadda Chinthammit, [Theresa Hunter Gibble](#), Donna Mojdami, Kayla Crocker, Carlos Vallarino, Ahong Huang, Melody Dehghan, Harold Bays
- P04.302 12-month utilization patterns of tirzepatide in adults with obesity or overweight: US real-world results**
[Theresa Hunter Gibble](#), Kayla Crocker, Donna Mojdami, Carlos Vallarino, Michael Grabner, Navneet Upadhyay, Karishma Desai
- P04.303 Cross-validation of the Core Obesity and Diabetes Model against the Core Diabetes Model**
Anamaria Vera Olivieri, Simone Parisotto, Francesca Fiorentino, Anuj Narang, [Sarah Rickwood](#)
- P04.304 Facilitating investments in obesity prevention and interventions in the Netherlands**
[Bart Slob](#), Susan De Braak, Simon van der Schans, Lisa Aniek de Jong, Cornelis Boersma
- P04.305 Economic Impact of GLP-1 Receptor Agonist–Based Obesity Treatment on the Turkish Insurance System: A Local Cost Analysis**
[Feray Akbas](#), Dilek Yazici, Sinem Kiyici, Burcu Aytekin, Sinem Yalcin, Volkan Yumuk
- P04.306 Screening for obesity-related metabolic risk by community pharmacists in Europe - a scoping review**
[Mila Bukarova](#), Tanya Kazakova, Natalya Usheva, Anna Todorova
- P04.307 SELECT-LIFE: A Non-Interventional Follow-Up Study Investigating the Long-Term Effects of Semaglutide in Participants From the SELECT Trial**
[Ildiko Lingvay](#), John E. Deanfield, Maria Quiroga, Steven E. Kahn, A. Michael Lincoff, Jorge Plutzky, Stine D. Ross, Peter E. Weeke, Donna H. Ryan
- P04.308 Weight Outcomes at 5 Years of Setmelanotide in Patients with Bardet-Biedl Syndrome and Obesity**
Jesús Argente, Wendy K Chung, Philip Beales, Cecilia Scimia, Guojun Yuan, [Karine Clément](#), Andrea M Haqq
- P04.309 Weight Outcomes at 6 Years of Setmelanotide in Patients with POMC or LEPR Deficiency and Obesity**
Peter Kühnen, Erica van Den Akker, Kathleen De Waele, Jesús Argente, Julie Gonneau-Lejeune, I. Sadaf Farooqi, Cecilia Scimia, Guojun Yuan, Martin Wabitsch, [Karine Clément](#)
- P04.310 Predicting the effectiveness of semaglutide 2.4 mg in weight change in a real-world population: An AI simulation model proof-of-concept framework in France**
[Sébastien Czernichow](#), Emmanuel Disse, Jennifer L. Baker, Leyla Hernandez Donoso, Estelle Frappe, Linong Ji, Ricardo Reynoso, Paolo Sbraccia, Hironori Waki, Arya M. Sharma
- P04.311 Adiposity-based obesity classification predicts cardiometabolic and kidney outcomes: a longitudinal UK biobank analysis**
[Sophie Gunnarsson](#), Cecilia Karlsson, Rashmi Prasad, Sara Hansson
- P04.312 The effect of weight loss maintenance duration on the risk of developing type 2 diabetes and knee osteoarthritis: a cohort study**
[Jonathan Pearson-Stuttard](#), Peter Bruun Rasmussen, João Fernandes, Lasse Steen Ravn, Volker Schneck, Emily Wenande, Britt Wang Jensen

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- PO4.313** **Subcutaneous tirzepatide versus subcutaneous semaglutide in adults living with obesity: real-world 3- and 6-month outcomes from a tertiary weight management centre**
Simona Santoro, Rebecca De Lorenzo, Aurora Merolla, Costanza Bagnati, Giulia Morocutti, Emanuele D'angelo, Eleonora Senini, Maria Pia Ruggiro, Martina Laffranchi, Giulia Lucchini, Valentina Vinelli, Elisabetta Devecchi, Monica Marchi, Patrizia Rovere Querini
- PO4.314** **Body Mass Index and All-Cause and Cardiovascular Mortality in Long-Term Follow-Up: The EHUH-1 Study – Is It Time to Go Beyond Body Mass Index?**
Andrej Belančić, Ivan Pećin, Tajana Željković Vrkić, Mihaela Marinović Glavić, Matea Bilobrck, Lovorka Bilajac, Jelena Kos, Josipa Josipović, Ana Jelaković, Marija Domislović, Vladimir Prelević, Danilo Radunović, Luka Blagus, Vito Bošnjak, Ida Štimac, Helena Polanščak, Krunoslav Capak, Bojan Jelaković
- PO4.315** **Biomechanical Correlates of Central Obesity and Their Association With Pain Intensity**
Anastasiia Nahorna, Heiner Baur
- PO4.316** **A Novel Approach to Cardiovascular Disease Risk Assessment Across Obesity Phenotypes and Severity: The PREVENT Calculator**
Feray Akbas, Mert Kantarci, Vahit Can Cavdar, Yagmur Izgi, Yelda Kocyigit, Isil Iseel
- PO4.317** **Evaluation of the effect of 1-year liraglutide use on lipid profile and body-trunk ratio in individuals with obesity: a retrospective, single-center, real-world data study**
Muhammet Oğuzhan Şanver, Mehmet Sargin
- PO4.318** **The Predictors of Success: Baseline Characteristics and Early Weight Loss as Determinants of Long-Term Outcomes with Tirzepatide**
Evangelos Fouteris, Lambrini Kastana
- PO4.319** **A Results-Oriented Approach To The Patient Journey with Obesity in Private Hospitals**
Efe Onganer
- PO4.320** **Comparative prognostic value of a body shape index and body mass index for mortality and non-fatal outcomes in the ENAH study**
Marija Domislovic, Jelena Kos, Ana Jelakovic, Ivan Pecin, Josipa Josipovic, Viktor Domislovic, Lana Gellineo, Ivan Brzic, Mirta Abramovic Baric, Vesna Matijevic, Andrej Belancic, Matea Bilobrck, Lovorka Bilajac, Krunoslav Capak, Bojan Jelakovic
- PO4.321** **Factors influencing the success of a multidisciplinary obesity program for obese patients at a tertiary hospital in Mexico City**
Emma Adriana Chávez Manzanera, Giovanna Maria Cardiel Ramírez, Ileana Patricia Canto Cetina
- PO4.322** **When Weight Loss Goes Too Far: A Case of Severe Malnutrition Following Bariatric Surgery**
Marcia Kumala, Johana Titus, Peter Ian Limas, Tjandraningrum Tjandraningrum, Lady Dhita Alfara, Meilani Kumala, Lukman Halim
- PO4.323** **Weight Loss associated telogen effluvium: evidence across surgical, pharmacological and lifestyle strategies**
Alessandra Bedin-Pochini, João Carvalho Júnior, Alianne P Rodrigues, Maria C F A Hellebrandt, Caio M Sales, Diogo Toledo, Guilherme Giorelli
- PO4.324** **Problematic eating behavior in patients before bariatric surgery – a comparison between women and men**
Barbara Mangweth Matzek, Karin Mautner
- PO4.325** **Nutritional Risk Across Obesity Phenotypes in Older Adults: A Comparison of Abdominal- and BMI-Based Definitions**
Nabila Basuki, Nurul Fatin Malek Rivan
- PO4.326** **Dietary Intake, Protein Adequacy, and Nutritional Deficiencies During GLP-1 Receptor Agonist Therapy**
Alessandra Bedin-Pochini, Janete Rabelo Rios, Bruna Noronha, Gabriel Yacoub, amanda rabelo, Leticia Hmsg Graciolli, Diogo Toledo, Guilherme Giorelli
- PO4.327** **Unfavorable Body Composition and Depressive Symptoms in Adults with Overweight and Obesity: Beyond Body Mass Index**
Alessandra Bedin-Pochini, José R Vasconcelos Júnior, Maria C J De Paula, Jessica A G S Mainardi, Diogo Toledo, Guilherme Giorelli

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- PO4.328 Associations of psychoemotional status and quality of life with body composition phenotype in patients with obesity**
Kseniia Zasyapkina (Shtein), Alina Y. Babenko
- PO4.329 Impact of Psychobiotic Supplementation on Mental Health and Quality of Life in Women Living with Obesity Following a Weight Loss Diet**
Rabi a Melda Karaağaç, Indrani Kalkan
- PO4.330 Experience sampling methodology to assess aberrant eating behavior, appetite-related sensations and food craving in daily life: a methodological overview**
Alexine Mennes, Annelies Falter, Elske Vrieze, Lukas Van Oudenhove, Nathalie Weltens, Bart Van der Schueren, Roman Vangoitsenhoven
- PO4.331 Persistent Body Image Distortion and OSFED After Semaglutide-Induced Weight Loss: A Clinical Warning in Obesity Management**
Karla Fernanda Garcia Ravelo
- PO4.332 An Observational Study on Rates of Gastric Emptying in Patients with Obesity**
Jing Ma
- PO4.333 Beyond Fasting Glucose: The Clinical Value of OGTT in Detecting Dysglycemia in Obesity**
Anastasia A. Averkina, Olga V. Vasyukova, Manushak G. Rafaelyan, Raisat M. Guseinova, Yulia V. Burmitskaya
- PO4.334 Semaglutide combined with digital behavioural support associated clinically meaningful weight loss in women with polycystic ovary syndrome (PCOS): a retrospective 12-month cohort study**
Hans Johnson, Ashley Cliff, Dan Reisel, David Huang
- PO4.335 Clinical and Treatment Characteristics of Type 1 Diabetes Patients with Obesity: A Single-Centre Retrospective Cohort Study**
Sevkan Gunes, Mirac Yilmaz, Nigar Mammadli, Ummu Mutlu, Bedia Fulya Calikoglu, Hulya Hacisahinogullari, Gulsah Yenidunya Yalin, Ozlem Soyluk Selcukbiricik, Nurdan Gul, Ayse Kubat Uzum, Kubilay Karşidağ
- PO4.336 Postprandial glycemic response to isocaloric protein load in subjects with obesity**
Sofya Yurova, Maxim Sorokin, Boris Pinchasov, Denis Deev, Irina Kalinovskaya, Vera Selyatitskaya
- PO4.337 Cardiometabolic profile of women at high-risk for spontaneous preterm birth: a comparative analysis based on large observational pregnancy cohort data**
Sophie Callanan, Gillian A Corbett, Aoife Davis, Siobhan Corcoran, Fionnuala M McAuliffe
- PO4.338 Improvement in Lipid-Insulin Coupling with D-Chiro-Inositol Added to Metformin: A Randomized, Placebo-Controlled Crossover Study in Type 2 Diabetes**
Dario Tuccinardi, Donatella Rausa, Valeria Zanghi Buffi, Ivan Beato, Valentina Cipriani, Rossella Tozzi, Luigi Bonifazi Meffe, Francesco De Domenico, Mikiko Watanabe, Silvia Manfrini
- PO4.339 Body Mass Index and Cardiovascular Outcomes in Critically Ill Patients: A Narrative Review of the Obesity Paradox**
Alessandra Bedin-Pochini, Janete Rabelo Rios, Karen Rcl Sebold, Thayná Lopes de Almeida, Michele Lima, Luana Po Ferreira, Diogo Toledo, Guilherme Giorelli
- PO4.340 From BMI to adiposity: insulin resistance and hormonal profile in young women with obesity**
Carolina Pitterschi, Lorina Vudu
- PO4.341 The Triglyceride-Glucose Index for Identifying Diabetes and Prediabetes in Patients with Obesity**
Verena Parzer, Bernhard Ludvik, Simone Leonora Huber, Katharina Vafiadis Maruszczak, Eva Christina Krzizek, Johanna Maria Brix
- PO4.342 "Beyond body max index: an exploratory study of body composition, liver steatosis, and eating behaviour among peruvian endocrinologists"**
Frank Espinoza Morales, Carolina Valérie Sarria Arenaza, Alvaro Jesús Román Farfán, Carolay Rojas Adrianzén, Edward Mezones Holguin, Claudio Rolando Intimayta Escalante
- PO4.343 Association of hyperuricemia with hormonal-adipokine disorders in males with obesity**
Irina Kalinovskaya, Sofia Yurova, Denis Deev, Boris Pinkhasov, Vera Selyatitskaya, Maxim Sorokin



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- PO4.344** **Dual Incretin Therapy as a Metabolic Optimization Strategy in Type 1 Diabetes With Obesity and MASLD: A Case Study**
Amna Ali Shaghoul, Haneen Abdulrazaq Hamdan
- PO4.345** **Bone–Adipose–Glucose Crosstalk in Women living with Obesity**
Mirjana Sumarac Dumanovic, Snezana Polovina, Dusan Zivanovic, Danka Jeremic, Nevena Radic, Danilo Lazarevski, Djurdjina Dronjak, Milica Vojnovic
- PO4.346** **Continuous ketone monitoring identifies subtle alterations in ketone exposure patterns during tirzepatide treatment: an exploratory analysis from a randomized placebo-controlled trial**
Rok Herman, Mojca Jensterle, Ana Munda, Andrej Janez
- PO4.347** **Liraglutide versus Tirzepatide: Real-world effects on lipid and glucose metabolism in adults with obesity**
Maria Evangelia Koloutsou, Maria Yavropoulou, Maria Mateniadou, Georgia Argyrakopoulou, Kyriaki Cholidou, Nikolaos Tentolouris, Alexander Kokkinos
- PO4.348** **Beyond BMI: Sex- and Menopause-Specific Associations Between Body Composition and Hypertension: A Longitudinal Population-Based Study**
Saima Bibi, Martin Bahls, Muhammad Naeem, Sabine Schipf, Marcus Dörr, Nele Friedrich, Matthias Nauck, Mark O Wielpütz, Wolfgang Lieb, Henry Völzke, Marcello Ricardo Paulista Markus, Till Ittermann
- PO4.349** **One year follow-up on semaglutide treatment for prediabetes and obesity – a follow-up on participants from the HISTORI trial**
Ashok Ainkaaran Ganeshalingam, Nicolai Uhrenholt, Sidse Arnfred, Peter Gæde, Andreas Pedersen, Niels Bilenberg, Jan Frystyk
- PO4.350** **Hidden Cardiometabolic Risk in Menopause: A DXA-Based Visceral Adiposity - Case Report**
Marija I Tosevska Stefanoska, Ivana Mladenovsja Stojkovska, Sasha Jovanovska Mishevaska, Irfan Ahmeti
- PO4.351** **Adjunctive Tirzepatide Therapy in Adults with Type 1 Diabetes: A Meta-analysis of Real-World Clinical Outcomes**
Dimitrios Patoulas, Eleftherios Teperikidis, Djordje S Popovic, Paschalis Karakasis, Anastasia Sarvani, Kalliopi Kotsa, Theocharis Koufakis
- PO4.352** **Age-related clinical characteristics in patients with prediabetes and obesity**
Ivona Risovic, Mirjana Bojic, Tamara Kovacevic Preradovic, Tamara Dojcinovic, Ljiljana Kos, Maja Latincic, Danijel Djekic, Aleksandra Markovic
- PO4.353** **The effect of body weight loss on serum sirtuin 1 concentrations of individuals with impaired glucose metabolism**
Ebru Surgun, Esra Koseler Beyaz, Ozlem Turhan Iyidir, Nilufer Bayraktar
- PO4.354** **Association Between Mediterranean Diet Adherence and Metabolic Syndrome Parameters: A Cross-Sectional Study in Adults**
Sena Ömür, Meral Nur Kubilay
- PO4.355** **Age and Sex Association with the Components of Metabolic Syndrome among Adults in Sharjah, UAE**
Sondos Abderraheem Harfil, Raed Abuodeh, Wael M. Abdel Rahman, K.N.S. Sirajudeen, Hamid Jan Mohamed
- PO4.356** **The role of hormonal and adipokine disorders in the development of ischemic heart disease in obese men**
Sofya Yurova, Irina Kalinovskaya, Denis Deev, Boris Pinkhasov, Vera Selyatitskaya, Maxim Sorokin
- PO4.357** **The Interrelationship of Adiposity, Gut Microbiota, and Electronegative Low-Density Lipoprotein (L5) in Taiwan**
Wen-Yuan Lin, Tsung Po Chen
- PO4.358** **Real-World Evidence of Diethylpropion Use in Patients with Severe Obesity in Indonesia: A Case Series**
Lea Ratna Lestari, Maretha Primariayu, Melyarna Putri, Kartika Soka Rahmita, Marcia Kumala, Rizka Hanifa
- PO4.359** **GLP-1 RA for the treatment of Obesity**
Faiz Abbas
- PO4.360** **Using UK health data resources to answer topical questions in obesity: Waist, waist-height-ratio versus body mass index and the risks of 78 diseases and multimorbidity - a cohort study with replication**
Naveed Sattar, Jaana Pentti, Mika Kivimaki, Frederick Ho

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- PO4.361** **Body Mass Index Stratification and Surgical Site Infection Risk in Women with Obesity Undergoing Cesarean Delivery**
Carolina Carvalho Mocarzel, Denise Monteiro, Luciana Sousa De Carvalho, Denise Cotrim Da Cunha, Wallace Mendes, Renata Machado, Marcia Sampaio, Patrícia Lima Zveiter, Juliana Maria Rêgo Maciel Cardoso, Patricia Pontes Frankel, Hortensia Oliveira, Natalia Miranda Milagres, Juliana Maria Rêgo Maciel Cardoso, Victoria Maranhão de Brito
- PO4.362** **Systematic Review of Lifestyle, Pharmacological and Surgical Interventions for Acquired Hypothalamic Obesity: An Update**
Hasanain Al Mukh, Philippe Aegerter, Ramona Zaharia, Marion Bretault, Marie Laure Raffin Sanson, Mirella Hage
- PO4.363** **Influence of Treated Mental Health Conditions on Obesity Management**
Roberto Carlos Romo, Maria Sanchez Prieto, Juan De Dios Barranco, Ana Segarra
- PO4.364** **Real-world weight-loss outcomes from a specialist obesity service incorporating GLP-1 receptor agonist therapies in England**
Franciskos Arsenyadis, Ehtasham Ahmad, Thomas Dayman, Hemlata Patel, Gary Young, Bharathy Kumaravel, Tom Yates, David R Webb
- PO4.365** **Clinical- and Cost-Effectiveness of a Coach-Clinician Integrated Care Model for Side Effect Management in a GLP-1 Based Obesity Management Programme**
Faye Townsend, Shivani Sharma Savani, Josh Forward, Zoe Griffiths, Rebecca Jones
- PO4.366** **Practical Educational Experience in SEEDO- and EASO-accredited Collaborating Centres for Obesity Management in Spain**
Andreea Ciudin, Clotilde Vazquez, Cristobal Morales, Diego Bellido, Christian Alvarado, Teresa Montoya, Alfonso Parrilla, Ivan Fernandez, Sofia Sanchez, Miriam Rubio, Irene Romera
- PO4.367** **Body Fat and Body Mass in Relation to the Estrogen/Progesterone Ratio Across BMI Categories in Women**
Teresa Lourenço Branco, Analiza M Silva, Sandra Martins, Sandra Martins
- PO4.368** **SLIM Study: Simplified Insulin Management with Glargine/ Lixisenatide in Participants Living with Overweight or Obesity and Type 2 Diabetes**
Ashwin Karuppan Viswanathan, Aafrin Shabbir, Hariharan Sukumaran, Shoba S P
- PO4.369** **The Effect of Obesity Medication on Chronotropic Incompetence in Adults with Obesity: A Pilot Study**
Safak Yigit, Alihan Oral, Buket Akinci
- PO4.370** **Semaglutide in patients with hidradenitis suppurativa and obesity: a prospective study on dermatologic, metabolic, and weight-independent anti-inflammatory effects**
Joana Nicolau, Pilar Sanchis, Antoni Nadal, Guido Sfondrini, Mireia Grimalt, Paula Garcia, Cristina Nadal, Lluís Masmiquel
- PO4.371** **Synergistic Effects of GLP-1 Agonists and Structured Exercise on Lipotoxicity Reduction: A 40-Week Real-World Cohort of 100 Patients**
Carlos Blum Ricaurte, Pamela Lopez
- PO4.372** **Weight gain and body composition changes in patients with alopecia areata treated with baricitinib**
Anna Lucatello, Lorenzo Maria Pinto, Giacomo Caldarola, Esmeralda Capristo
- PO4.373** **Nutritional Management of Obesity in Lung Transplant Recipients: A Retrospective Case-Control Study**
Federica Perazza, Federico Ravaoli, Sofia Collini, Matteo Beretta, Fabiana Sbrega, Elena Salvaterra, Niccolò Daddi, Maria Letizia Petroni
- PO4.374** **Reinventing Obesity Care in Algeria: A Contextualized Multidisciplinary Model for Sustainable Management**
Akli Taazibti, Mounira Chanegriha, Abdelkader Yahi, hala ouki, Amar Tebaibia
- PO4.375** **Developing a new model of integrated care for the management and treatment of obesity in Portugal**
Inês Castela, Rosário Monteiro, Diana Teixeira, Maria João Gregório
- PO4.376** **Is it possible to effectively treat obesity conservatively within the public healthcare system?**
Katarzyna Szymgel, Aleksandra Puch Walczak, Agata Wojciechowska, Michał Hoffmann



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- PO4.377 Reversing Autoimmune-Linked Obesity: One-Year Persistent Weight Reduction After Thyroid Photobiomodulation in Hashimoto Patients**
Venera Berisha-Muhamremi, Bernard Tahirebegolli, Ruth Phippers, Reem Hanna
- PO4.378 Patient feedback from a specialist obesity service incorporating GLP-1 receptor agonist therapies and holistic person-centred care in England**
Ellen Victoria Hopwood, Keith Aherne, Ehtasham Ahmad, Franciskos Arsenyadis, Melanie J Davies, Bharathy Kumaravel, Jessica Mhesuria, Bernie Stribling, David R Webb, Michelle Hadjiconstantinou
- PO4.379 Severe Obesity and Acute Cardiopulmonary Decompensation in Pregnancy: A Late-Breaking Clinical Case**
Carolina Carvalho Mocarzel, Wallace Mendes da Silva, Natália Milagres, Hortensia Oliveira, Victoria Maranhão de Brito, Tainara Santos Gomes, Patricia Frankel, Renata Machado, Letícia Lattanzi
- PO4.380 Obesity blunts the reduction in postoperative complications achieved by a multidisciplinary prehabilitation and rehabilitation program after colon cancer surgery: a subgroup analysis of the ONCOFIT randomized controlled trial**
Cristian Garcia-Sanchez, Manuel Fernandez-Escabias, Sofia Carrilho-Candeias, Andrea Orellana-Jaen, Maria Tomas-Garcia, Rodrigo Fernandez-Escabias, Alberto Millan-Martin, Juan L Lopez-Canovas, Benito Miron-Pozo, Almudena Carneiro-Barrera, Teresa Nestares, Guillermo Sanchez-Delgado, Francisco J Amaro-Gahete
- PO4.381 Demographic and clinical properties of patients followed at Turkish COM Centers, Preliminary data for a Registry**
Dilek Yazici, Sema Hepşen, Özge Aybı Özdemir, Dilek Gogas Yavuz, Emre Çapar, Sinem Kıyıcı, Esin Öztürk, Taner Bayraktaroğlu, Ömercan Topaloğlu, Elif Yivli, Kemal Karagözoğlu, Kübra Kocatepe, Mehmet Sargın, Ayşe Gülek, Selin Çakmak Demir, Oğuz Usta, Feray Akbaş, Fulya Bedia Çalkoçlu, Gülşah Yenidünya Yalın, Cemile Idiz, Emre Durcan, Mayıs Farajlı, Alper Sönmez, Ibrahim Demirci, Berna Imge Aydoğan, Mustafa Cesur, Arzu Or Koca
- PO4.382 Scotland Cardiometabolic Impact Study (SCoMIS): Designing Scotland's Pathway to Equitable, Evidence-Based Obesity Treatment**
Jason Gill, On Behalf Of The SCoMIS Consortium
- PO4.383 Shifting the Focus from Weight Loss to Body Composition in Obesity Treatment**
Valerie Montpellier
- PO4.384 Integrated Obesity Care and GLP-1 Receptor Agonist Outcomes: One-Year Real-World Data from Macau**
Monica Pon, Hio Wai leong, Hou Ng
- PO4.385 Is it possible to effectively treat obesity comprehensive within the public healthcare system?**
Katarzyna Szymgel, Aleksandra Puch Walczak, Agata Wojciechowska, Michał Hoffmann
- PO4.386 Croatian Public Health Initiative Against Chronic Non-Communicable Diseases: Concept, Lessons Learned, and Evidence-Based Interventions**
Andrej Belančić, Ivan Pećin, Bojan Jelaković
- PO4.387 Transforming Obesity Care Delivery in a Public Hospital: Development of a Multidisciplinary Obesity Medical Unit**
Abdullah Fayed Badawi
- PO4.388 Efficacy of a Multidisciplinary Group-Based Intervention for Obesity Management: Impacts on Metabolic, Psychological, and Functional Outcomes in Overweight Adults**
Luisella Vigna, Alessandra Piontini, Elena Caglioni, Gianna Agnelli, Raffaele Petitti, Chiara Dal Ri, Elena Bezze, Mariarita Marcozzi, Elisabetta Marchiori, Giovanna Gambino
- PO4.389 Chronic Adipose Metabolic Disease: a comprehensive model focused on person from Primary Care**
Ana Jorge Perez, Silvia Siverio Luis, Laura Vera Pérez, Alejandro Alvarez Brito, Noelia Lopez Luis, Emma Navarro Brito, Juan Luis Alonso Jerez, María Isabel Piña Macías, Zuly Diaz Hernández, Ana Carrera
- PO4.390 Obesity class 3 treatment in patient with rare X-linked chondrodysplasia punctata (Case report)**
Adela Penesova, Michal Pálenik, Ivan Hric, Nechalová Libuša, Havranová Andrea, Bielik Viktor
- PO4.391 Mapping Barriers and Facilitators to Obesity Management in Primary Care: A Scoping Review**
Inês Silva Pereira, Sandra León Herrera, Vinícius Anjos de Almeida, Sidika Ece Yokuş, Nicola Buono, Ileana Gefaell Larrondo, Özden Gökdemir, Marina Guisado-Clavero, Ferdinando Petrazzuoli, Marta Sanchez-Castro, Philippe Domeyer, Juan Antonio López Rodríguez, Leda Eugenia Nemer, Charlotte Leonie Gebhardt, María-Pilar Astier-Peña, Sara Ares-Blanco, Raquel Gómez Bravo



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- PO4.392** **Effect of Probiotic Supplementation on Gastrointestinal Tolerability in People Living with Obesity Treated with Tirzepatide: A Prospective Pilot Study**
Gözde Özsoy Şen, Ridvan Sivritepe, Sema Basat
- PO4.393** **MRI Quantification of Liver Fat as a Predictor of Sarcopenia Development: Insights from a Cohort Study**
Yujin Kwon, Ha Eun Ryu, Min Young Do
- PO4.394** **Noninvasive assessment of liver fibrosis 10-15 years after metabolic bariatric surgery**
Kamilla Haug Dahl, Åsne Ask Hyldmo, Siren Nymo, Dag Arne Lihaug Hoff, Rønnaug Astri Ødegård, Jorunn Sandvik, Reidar Fossmark
- PO4.395** **Comparative Effects of Semaglutide and Tirzepatide on Anthropometrics and Metabolic outcomes in Adults With and Without MAFLD: A Real-world study**
Rahila Bhatti, Amena Sadiya, Rawoof Khan, Farooq Khan, Salah Abusnana
- PO4.396** **The Association Between Hepatic Steatosis and Diabetes-Related Complications in Individuals with Type 1 Diabetes: A Cross-Sectional Observational Study**
Ferhat Çetin, Dila Güzel, Hulya Yalın Turna, M. Temel Yılmaz
- PO4.397** **Waist circumference is associated with non-invasive steatosis severity assessed by SteatoTest in adults with obesity: a prospective pilot study**
Dela Olteanu, Radu Bogdan Mateescu
- PO4.398** **Performance of Non-Invasive Steatosis, Fibrosis, and Metabolic-Adiposity Indices Compared with FibroScan in an Populatin of Obesity**
Emre Çapar, Ugur Arzu Kulu, Dilek Gogas Yavuz
- PO4.399** **Non-invasive liver fibrosis tests as independent predictors of cardiac remodelling**
Esingul Kaya, Eliana Maraglino, Antonio Salvati, Federico Pagani, Letizia Boccellino, Amalia Gastaldelli, Maurizia Brunetto, Stefania Camastra
- PO4.400** **Effects of GLP-1 Receptor Agonists on Liver Enzymes in Non-Diabetic Patients with Hepatic Steatosis: A Retrospective Observational Analysis**
Ferhat Çetin, Dila Güzel, Hulya Yalın Turna, M. Temel Yılmaz
- PO4.401** **Body Weight-Associated Patterns of FIB-4 Improvement with GLP-1 Receptor Agonists and SGLT2 Inhibitors in Real-World Care**
Theocharis Koufakis, Virginia Markoutsaki, Dimitrios Patoulis, Djordje S. Popovic, Emmanouil Sinakos, Kalliopi Kotsa
- PO4.402** **Does Visceral Fat Reduction Drive Steatosis Improvement Regardless Of Weight-loss Method? A Single-center Cohort Study**
Federica Sileo, Andrea Foppiani, Ramona De Amicis, Alessandro Leone, Francesca Menichetti, Silvia Gallosti, Beatrice Marelli, Simona Bertoli, Alberto Battezzati
- PO4.403** **Metabolic characteristics and FIB 4 accuracy in MAFLD: A cross-sectional study from Dubai**
Rahila Bhatti, Amena Sadiya, Rawoof Khan, Farooq Khan, Salah Abusnana
- PO4.404** **Body composition analysis for the assessment of hepatic fibrosis in patients with type 2 diabetes mellitus and metabolic dysfunction-associated steatotic liver disease**
Georgiana Diana Cazac-Panaite, Elena Daniela Grigorescu, Adina Bianca Foşălău, Alina Onofriescu, Cristina Mihaela Lacatusu, Bogdan Mircea Miha
- PO4.405** **Menopause-Associated Metabolic Drivers of MASLD/MASH Fibrosis in Obesity: A PRISMA-Guided Systematic Review in Postmenopausal Women**
Alessandra Bedin-Pochini, Janete Rabelo Rios, Joyce Rodrigues Façanha, Caroline Canabarro Caurio, Diogo Toledo, Guilherme Giorelli
- PO4.406** **Prevalence and characterization of subclinical portal hypertension in severe obesity: insights from invasive and non-invasive assessment**
Diego Rojo, Laura Pagès, Zyanya Calixto, Carlos Petrola, Carla González, Alba Jimenez Masip, Iratxe Díez, Pablo López, Eduard Mas, Alba Rojano, Daniel Herms, Nerea Gómez, Vanesa Flores, Clara Pañella, Daniel Barnés, Jesus M Rivera, Mercedes Pérez, M Teresa Salcedo Allende, Andreea Ciudin, Ramon Viallonga, Juan M Pericàs

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- PO4.407 Immunologic Response to Weight Loss Treatments in Metabolic Dysfunction-Associated Steatohepatitis: The FIRST Study**
Willy Theel, Andre Boonstra, Elisabeth van Rossum, Mariëtte Boon, Willem Pieter Brouwer
- PO4.408 Early time-restricted eating, but not a late eating window, improves body fat mass in adults with overweight/obesity and a morning chronotype – A randomized, open-label, three-arm controlled trial**
Nicholas E. Phillips, Andrew David Biancolin, Julie Mareschal, Friedrich C. Jassil, Flore Sinturel, Alexandra Hemmer, Céline Joris, Oksana Fiammingo, Emma Biolley, Dylan Gendre, Stéphanie Blanc, Marcel Salathé, Jardena J. Puder, Charna Dibner, Tinh-Hai Collet
- PO4.409 Real-World Effects of Personalized Nutrition on Cardiometabolic Biomarkers in Adults with Overweight or Obesity: A Systematic Review and Meta-Analysis of Randomized Controlled Trials**
Duc Quang Tran, Khanh Di Nguyen, Dang Dang Khoa, Chi Quynh Vu Thi, Huyen Hoa Nguyen Thi, Khanh Van Nguyen, Trang Thi Trinh
- PO4.410 Plant Your Health: protocol for a 12-month randomised controlled trial comparing vegan, vegetarian and omnivorous diets in adults living with overweight or obesity**
Lauren L O'Mahoney, Louise Goff, David Clayton, Ash Routen, Mark Funnell, Kamlesh Khunti, Thomas Yates
- PO4.411 Alterations in the interlobar renal arteries endothelium and vitamin D levels and their association with cardiometabolic biomarkers in fructose-induced obesity**
Kameliya Bratoeva, Diyana Kyuchukova, Hristo Papanchev
- PO4.412 Early Weight Loss Velocity Guides Precision Escalation in Obesity Treatment**
Andrea Foppiani, Federica Sileo, Ramona De Amicis, Alessandro Leone, Francesca Menichetti, Silvia Gallosti, Simona Bertoli, Alberto Battezzati
- PO4.413 Impact of Very-Low- versus Low-Calorie Diets on Skeletal Muscle and Fat Mass in Indonesian Adults Patient with Obesity: A Retrospective Cohort Study**
Lily Indriani Octovia, Helena Fabiani, Melyarna Putri
- PO4.414 The impact of intermittent fasting during weight reduction in people living with type 2 diabetes mellitus: A randomized clinical trial**
Salma M. Abdel Fattah, Maggie M. abbassi, Samah Ahmed Abd Elshafy, Mona A. hegazy, Samar F. farid
- PO4.415 Unpacking the Relationship Between Impulsivity and Body Mass Index: A Network and Mediation Analysis of Eating Phenotypes**
Birsen Yilmaz, Murat Açık
- PO4.416 Dietary Habits, Body Composition, and Telomere Length in Young Male Taekwondo Athletes: Implications for Obesity-Related Health**
Gwangyeol Baek, Young Ung Kim, Youn Hui Cho, Yun A Shin
- PO4.417 Impact of food craving and hyperphagia on weight loss trajectories in people living with obesity undergoing a very low-calorie ketogenic diet**
Silvia Gallosti, Ramona De Amicis, Amalia Bruno, Marina Bulzomi, Francesca Menichetti, Sara Paola Mambriani, Alessandro Leone, Santo Colosimo, Simona Bertoli
- PO4.418 GLP-1 Receptor Agonists and Mediterranean Diet Adherence: Effects on Food Choices in People with Obesity**
Valentina Vinelli, Rebecca De Lorenzo, Aurora Merolla, Costanza Bagnati, Giulia Morocutti, Simona Santoro, Eleonora Senini, Agrima Karun Gera, Emanuele D'angelo, Martina Laffranchi, Elisabetta Devecchi, Monica Marchi, Patrizia Rovere Querini
- PO4.419 Longitudinal Effects of Time-Restricted Eating and Ketogenic Diets on QRISK3-Estimated Cardiovascular Risk in Adults with Obesity**
Denisa Pescari, Simina Mihuta, Roxana Pui, Andreea Bena, Dana Stoian
- PO4.420 Association between the consumption of plant-based alternative and renal function in adults with overweight and obesity**
Francesca Menichetti, Alberto Battezzati, Ramona Silvana De Amicis, Silvia Gallosti, Andrea Foppiani, Federica Sileo, Franca Lina Criscuoli, Giovanni Fiorillo, Stefano Ravasenghi, Simona Bertoli, Alessandro Leone



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- PO4.421** **Weaker and more complex relationship between total energy intake and BMI in a large cohort of Mexican adults**
Claudia Martinez Cordero, Ma Guadalupe Leon Verdin, Daniel Kusnir, Ximena Ramos Salas
- PO4.422** **Differential Effects of Dietary Modifications on BMI-Z Score and Metabolic Outcomes in Children and Adolescents with Obesity: The ICAAN-ON Study**
Hyunjung Lim, Hyung Gyu Park, Yoon Myung Kim, Kyung Hee Park
- PO4.423** **Short-term effects of a low-calorie ketogenic diet on body weight and body mass index**
Nihal Zekiye Erdem, Emre Bayraktaroğlu, Selahattin Dönmez
- PO4.424** **Real-world nutrition practices in people living with obesity and diabetes in India: pooled quantitative and qualitative insights**
Suresh Damodaran, Nirmalya Roy, Lakshmi Nagendra, Ambika Nair, Niti Desai, Uzma Anis Khan, Naresh Dang, P G Sundararaman, Sivaprakash M., Nandan Arun Joshi, Sourabh Bharat Sonawale
- PO4.425** **Obesity and Sarcopenia: The Challenge of Sarcopenic Obesity in Clinical Practice**
Tammy Bellerin Toribio Rivera
- PO4.426** **A low-glycemic index diet improves the subjective quality of life in patients with obesity and insulin resistance**
Agnieszka Wesolek-Leszczynska, Katarzyna Pastusiak-Zgolinska, Aleksandra Zabawa, Małgorzata Moszak, Pawel Bogdański, monika szulinska
- PO4.427** **Body Mass Index, Anthropometric Measurements, Dietary Habits, and Quality of Life Among Nurses**
Neda Saleki
- PO4.428** **The Pathway from Poor Sleep to Visceral Adiposity: The Full Mediating Role of Uncontrolled Eating and Ultra-Processed Food Consumption**
Birsen Yılmaz, Murat Acik
- PO4.429** **Effect of polyphenol-rich foods on endothelial function in overweight and obese individuals**
Weon Kim, Sora Lee
- PO4.430** **Effect of nuts on components of metabolic syndrome in healthy adults with overweight/obesity: A systematic review and meta-analysis**
Farzad Shidfar, Omid Eslami, Fatemeh Khorramrouz, Mohammadhassan Sohoulı, Niloofer Bagheri, Maria Luz Fernandez
- PO4.431** **Carbohydrate amount and quality and vitamin intakes: results from a randomized controlled trial (CARBFUNC)**
Marianne Brátveit, Johnny Laupsa-Borge, Tonje Bjørnstad, Cathrine Horn, Gülen Arslan Lied, Gunnar Mellgren, Jutta Dierkes, Simon Dankel
- PO4.432** **Feasibility of a more plant-based weight loss diet in older adults with obesity: preliminary results of the 2EAT study**
Susanne Wildemast, Sjors Verlaan, Peter Weijs
- PO4.433** **Berberine and weight-related outcomes: a narrative review of randomized evidence in adults living with overweight or obesity**
Mansour Alzahrani
- PO4.434** **A 12-week Randomized Double-Blind Clinical Trial, Evaluating the Effect of Gromwell (Zicao) Root Extract on Skeletal Muscle Function in Adults over 50 Years of Age**
Seongho Han, Bokyung Shine, Jongsoo Choi
- PO4.435** **Dietary antioxidants from natural sources and obesity**
Sevdalina Alekova Todorova, Neli Grozeva, Milena Tzanova, Svetoslava Terzieva, Stanka Baycheva
- PO4.436** **Integrating Medical Nutrition Therapy With GLP-1/GIP Agonists for Weight Regain After Bariatric Surgery**
Mariana Canales Sanchez, Fernando Perez Galaz, Juan Mauricio Vera Zertuche, Patricia Samarat Castillo Flores, Bernardo Rea Ruanova
- PO4.437** **Effects of Incretin-Based Therapies, Lifestyle interventions, and Bariatric Surgery on Fat-Free Mass in Adults with Overweight or Obesity: A Systematic Review and Meta-Analysis**
Lærke Bruun Madsen, Laura Busk Cicera, Ida Ørum Carlsen, Emma Jensen, Rasmus Michael Sandsdal, Simon Birk Kjær Jensen, Signe Sørensen Torekov

POSTER SESSION

- PO4.438** **Strength and endurance exercise prescription in patients with obesity undergoing cardiac rehabilitation programmes: usefulness of morphofunctional assessment techniques**
Isabel Vegas Aguilár, Mar Amaya Campos, Maria García Olivares, Diego Bellido Guerrero, Gema Frühbeck, Luca Busseto, Jose Manuel Garcia Almeida
- PO4.439** **Trends in Body Weight Among Saudi Adults Over Six Years: A Cohort Study Assessing the Impact of Age and Sex**
Hamdy Alkady, Samia Bokhari, Nouf Alshehri, Turki Alharthi, Muneera Alshareef, Esraa Bukhari, Haidar Alshumrani, Fahad Albogami, Sumayah Alharbi, Sultan Alsulami, Lama Arfaj, Rashed Alotaibi, Rania Safwat
- PO4.440** **Body Fatness Is a Stronger Determinant of Telomere Length Than Exercise Volume in Highly Active Young Men**
Yun-a Shin, Young Ung Kim, Youn Hui Cho, Gwangyeol Baek
- PO4.441** **A nationwide analysis of pharmacological treatment of obesity – Patient characteristics and real-world drug utilization patterns**
Jens Kristoffer Hertel, Humaira Rasheed, Amanda Rundblad, Elin Ngo, Johan Bodegard, Christian Jonasson, Trond Methi, Jørn Hjeltnesæth
- PO4.442** **Dietitians' perceptions of the obesity care pathway: Qualitative insights on access, follow-up, and referral of patients living with obesity**
Lucas Schreurs, Valérie Baes, Eva Kimpe, Hilde Marinus, Hanne Vandevelde, Lia Griner, Bart Van Der Schueren, Diederik De Cock
- PO4.443** **Real-World Obesity and GLP1RA Tolerability: Incidence and Indicators of Serious GI Adverse Events Using Federated Learning**
Milou Brand, Isabella Kaczmarczyk, James Brash, Atif Adam, Eva Oakkar
- PO4.444** **Determinants of Weight Loss Expectations in a Large Obesity Cohort**
Ugur Arzu Kulu, Emre Capar, Dilek Gogas Yavuz
- PO4.445** **Body-Fat Percentage Corresponding to BMI 25 kg/m² and Metabolic Syndrome Risk in Korean Adults: Analyses Using DXA and BIA**
Kayoung Lee
- PO4.446** **Genetic Predictors of Weight Loss Following Intra-gastric Balloon Treatment**
Ahmad AlSerri, Hajer AlShammari, Hessa A AlJanahi, Ali H Ziyab, Mohammad H Jamal
- PO4.447** **Lower incretin dose, similar weight loss: real-world evidence for combination pharmacotherapy in obesity**
Alexandro Zarruk
- PO4.448** **Labour Induction in Women with Severe Obesity: Maternal Characteristics and Delivery Outcomes in a Retrospective Cohort**
Carolina Carvalho Mocarzel, Wallace Mendes da Silva, Patricia Pontes Frankel, Hortensia Oliveira, Natália Milagres, Victoria Maranhão de Brito, Tainara Santos Gomes, Letícia Lattanzi, Renata Machado
- PO4.449** **Baseline predictors and metabolic correlates of brown adipose tissue in premenopausal women with obesity: results from the TABFAT trial**
Rok Herman, Mojca Jensterle, Luka Lezaic, Luka Pusnik, Ziga Snoj, Sebastijan Rep, Ivan Slodnjak, Katja Goricar, Andrej Janez
- PO4.450** **Immediate Effects of Plantar Functional Taping and Plantar Myofascial Release With Foam Roller on Ankle Range of Motion and Functional Reach in Individuals With Obesity (A Pilot Study)**
Aynul Cesur, Burcu Akkurt, Mustafa Ferit Akkurt
- PO4.451** **Vaccination for people living with obesity: challenges, insights, and opportunities**
Elena Šuké
- PO4.452** **Obesity/Adiposity-Based Chronic Disease in Egypt: A Position Statement for Limited-Resource Settings**
Mona Hegazy, Amr Mattar, Maissa Shawky, Dina Soliman, Maha Mowafy, Yasmine Noureldin, Ahmed Noweir, Mona Yousry, Mostafa Elshazli, Mohamed Aboulghate, May Hasaballah, Noha Sabry, Hesham Salah, Heba Morad, Sherine Abdelghafar, Inass Shaltout



POSTER SESSION

- PO4.453 Real-world changes in body composition and cardiometabolic biomarkers following obesity management strategies**
Maite Aguas Ayesa, Patricia Yáñez Esquíroz, Laura Olazarán, Camilo Silva, Victor Valentí, Mikel Etxebeeste Mitxeltoarena, Javier Rodríguez Moreno, Gema Frühbeck
- PO4.454 NTproBNP, CA125 and FIB4: Towards a Tailored Approach for Patients with Obesity and Heart Failure**
Itxaso K Villelaibeitia, Beatriz Vinué, Francisca Contreras, Emma Briz, Claudia Imperiali, Iñaki Marina, Mónica Ruiz
- PO4.455 Dose-sparing combination therapy in obesity: naltrexone/bupropion enables similar weight loss with ~40–50% lower incretin exposure across sexes**
Alexandro Zarruk
- PO4.456 Are Orthorexia Nervosa Tendency and Body Perception Linked in Women Who Underwent Liposuction?**
Aslı Fatma Güneş, Merve Guney-Coskun, Gülgün Ersoy
- PO4.457 Early Treatment Response and Metabolic Profiles Across Obesity Management Strategies: A Real-World Cohort Study**
Deniz Turkm Atıkcın, Ece Gul Kose Hamidi, Merve Senay Ozcalik, Ozlem Turhan Iyidir, Asli Nar, Neslihan Basçil Tutuncu
- PO4.458 Vitamin D Deficiency and Secondary Hyperparathyroidism in Adults with Obesity: Associations with Fat Distribution**
Dilek Gogas Yavuz, Emre Capar, Ugur Arzu Kulu
- PO4.459 Severe Obesity and Complex Cesarean Surgical Site Infection in the Postpartum Period: A Clinical Case**
Carolina Carvalho Mocarzel, Wallace Mendes da Silva, Patricia Pontes Frankel, Hortensia Oliveira, Natália Milagres, Victoria Maranhão De Brito, Tainara Santos Gomes, Renata Machado, Leticia Lattanzi
- PO4.460 Integrating EOSS-Based Staging and Central Obesity Measures to Improve Patient-Centered Outcomes**
Ugur Arzu Kulu, Emre Capar, Ugur Arzu Kulu
- PO4.461 A Different Etiology of Gallbladder Hydrops in a Person Living with Obesity Treated with Tirzepatide: A Case Report**
Gözde Özsoy Şen, Ridvan Sivritepe, Sema Basat
- PO4.462 Impact of Obesity on Inflammatory Bowel Disease and Implications for Personalized Treatment Strategies**
Dilek Sivri, Makbule Gezmen Karadağ
- PO4.463 Assessment of visceral adiposity by nutritional ultrasound in overweight and obese patients treated with semaglutide 2.4 mg: correlation with total body fat and predictive analysis**
Maria Garcia Olivares, Isabel Vegas Aguilar, Diego Bellido Guerrero, Gema Frühbeck, Luca Busseto, Jose Manuel Garcia Almeida
- PO4.464 Morphofunctional assessment in chronic adipose metabolic disease**
Jose Manuel Garcia Almeida, Maria Garcia Olivares, Gema Frühbeck, Luca Busseto, Isabel Maria Vegas Aguilar, Diego Bellido Guerrero
- PO4.465 Obesity management education in medical curricula: results of an umbrella review**
Irina Berezhnova Godchaux, Lindsey F Masson, Derek Stewart, Antonella P Tonna
- PO4.466 Morphofunctional assessment in patients with obesity under Semaglutide 2.4 mg treatment**
Maria Garcia Olivares, Lara Dalla Rovere, Carmen Hardy Añón, Cristina Herola Cobos, Jose Manuel Garcia Almeida
- PO4.467 The relevance of the Edmonton Obesity Staging System (EOSS) in the clinical characterisation of adults with obesity**
Nuno Faria, Rtiá Ribeiro, Patricia Brito, Catarina Machado, Sara Ferreira, Bárbara Araújo
- PO4.468 Efficacy and Adherence with Tirzepatide (Mounjaro) in Patients with Obesity: A Retrospective Real-World Study**
Dimitrios Kounalakis, Nikolaos Tsakountakis, Maria Kozyraki
- PO4.469 Beyond Willpower: Exercise Adherence in the GLP-1 Era**
Darryl Edwards
- PO4.470 Mind Over BMI: Movement for Brain Health in Obesity**
Darryl Edwards
- PO4.471 Orforglipron reduced appetite and susceptibility to food environment in adults with overweight and obesity**
Sean Wharton, Ariana M. Chao, Christy Houle, Wenyu Ye, Michael Xu, Luis Emilio Garcia Perez, Suzanne Klise, Neena Agarwal Xavier



POSTER SESSION

- PO4.472 A Patient-Centred Step-Down Approach Reduces Weight Regain After Discontinuation of Obesity Pharmacotherapy**
Alun Lloyd Davies
- PO4.473 Phase 3a REDEFINE 1 clinical study evaluating CagriSema in adults with overweight or obesity: a qualitative interview sub-study exploring patient experiences with weight and physical functioning**
Claire Ervin, Sheri Fehnel, Tobias Freyberg Justesen, Joe Nadgrowski, Lindsey Norcross, Oliivia Svolgaard, Lisa Von Huth Smith, Ronette Kolotkin
- PO4.474 Treatment patterns and experienced effects of semaglutide for weight management among adult users in Denmark: A community pharmacy-based survey**
Anton Pottegård, Katrine Kjærgaard, Reimar W. Thomsen, Lise Gehrt Cardél, Maja Bramming, Trine Graabæk, Carina Lundby
- PO4.475 The Lived Experience of Food Noise and Its Impact on Daily Life for People Living With Obesity**
Theodore K Kyle, Vicki Mooney
- PO4.476 Weight stigma experienced or perceived by adult patients with obesity in primary care: A mixed-methods systematic review**
Romane Bordet, Fanny Vadurel, Emmanuelle Guimaraes, Laurent Letrillart, Cyrielle Caussy, Emmanuel Disse, Marion Lamort Bouché
- PO4.477 Exploring real-world user experiences of GLP-1 receptor agonist therapy for obesity treatment, and barriers and motivators to adherence**
Alex Griffiths, Oliver M Shannon, Marie Spreckley, Kate Austin, Ellen Fallows, Ken Clare, Louisa Ells, Jamie Matu
- PO4.478 OUTSTEP programme: A multi-dimensional patient-centred approach to understanding patient experiences, real-world utilisation and the effectiveness of semaglutide in obesity management**
Arya M. Sharma, Jennifer L. Baker, Leyla Hernandez Donoso, Priyanka Padwal, Ricardo Reynoso, Hanen Samouda, Michael Vallis, Bruno Halpern
- PO4.479 Weight management and healthcare use in Germany: A representative survey of people living with overweight and obesity**
Laura Kudlek, Hannah Z. Hennig, Hannah Haumann, Falko F. Sniehotta
- PO4.480 Multidimensional patient-reported benefits of tirzepatide-induced weight loss in premenopausal women with obesity: results from a randomized placebo-controlled trial**
Rok Herman, Mojca Jensterle, Ana Munda, Andrej Janez
- PO4.481 Mapping the obesity care pathway in Belgium: A survey assessing obesity guideline implementation**
Lucas Schreurs, Viken Wanes, Hanne Vandevelde, Lia Griner, Bart Van Der Schueren, Diederik De Cock
- PO4.482 Men's Experiences of Living with Excess Weight: A Pilot Investigation**
Dale Rees, Peggy Pui Yee Yeung, Constance Hathaway
- PO4.483 Interim 20-week real-world trajectories of food noise during semaglutide dose escalation in Mexican adults with obesity using an expanded electronic food noise questionnaire (eFNO)**
Patricia Samarat Castillo Flores, Fernando Perez Galaz, Bernardo Rea Ruanova, Mariana Canales Sanchez, Gabriel Kraus Fischer, Guillermo Rea Field
- PO4.484 Patient Preferences for Oral Versus Injectable Weight-Loss Therapy: A Structured Survey of Weekly Injectable Users**
Alun Davies
- PO4.485 Beyond Weight Loss: The Effects of Incretin-Based Therapies (IBT) on Behavioral Robustness and Lifestyle Adherence in Adults living with Obesity**
Ivan Dozzani, Ilaria Bodini, Laura Gianotti
- PO4.486 Mainstream Adoption of GLP-1 based Obesity-Management Medications in the UK: Public Understanding, Safety Perceptions and the Role of Information Sources**
Zoe Griffiths, Rebecca A Jones, Harriet Allner



POSTER SESSION

- PO4.487** **The implementation of shared decision-making process in a specialized clinic in multidisciplinary obesity approach**
Marta Comas Martínez, Vanesa Flores, Pilar Costa, Elina Vidal, Anna Juan, Anna Prats, Enzamaría Fidilio, Karla Salas, Eña Niño De Guzman, Andreea Ciudin
- PO4.488** **Patient Preferences for Reduced Injection Frequency in Pharmacological Weight Management: A Structured Survey of Weekly Injectable Users**
Alun Davies
- PO4.489** **Simply Complicated: Divergent Outcomes in Obesity Treatment of Sibling Pair**
Evelyn Erzsébet Sipos, Gábor Simonyi
- PO4.490** **A new direct-to-patient approach to observational clinical research in persons with obesity in Europe**
Ashley Pitcher, Livia Lai, Ana María Rodríguez Leboeuf
- PO4.491** **Obesity and Health-Related Quality of Life Across the Climacteric: Evidence from Observational and Randomized Studies**
Alessandra Bedin-Pochini, Alessandra O A G S Feitoza, Máisa M J Gurgel, Wanessa M Serrao, João Carvalho Júnior, Diogo Toledo, Guilherme Giorelli
- PO4.492** **Changes in self-reported health following Wegovy use in a cohort of healthy blood donors**
Bertram Kjerulff, Line Hjorth Stjernholm Nielsen, Jens Kjærgaard Boldsen, Camilla Schmidt Morgen, Christa Baker Broholm, Ole Birger Pedersen, Sisse Rye Ostrowski, Christian Erikstrup
- PO4.493** **Tirzepatide Improves Mental and Psychosocial Health-Related Quality of Life in the real world setting**
Belén Pérez Pevida, Monica Santana Santana, Cristina Liaño Arriola, Alfonso Maldonado, Beatriz Clérigo, Cristina Ruiz, Susana García Calvo, Cecilia Higueruela, Francesc Miras, Jemina Moreto, Lilliam Flores, María D Ballesteros Pomar, Manuela Moreira Rodríguez
- PO4.494** **Conceptualization of food noise**
Emily J Dhurandhar, Theodore K Kyle, Emily H. Ho, David B. Allison
- PO4.495** **Early real-world outcomes of low-dose incretin receptor agonists in obesity management: effects on weight loss and quality of life**
Nuno Faria, Rita Ribeiro, Patrícia Brito, Catarina Machado, Sara Ferreira, Bárbara Araújo
- PO4.496** **Impact of Endoscopic Sleeve Gastroplasty on Quality of Life: A Patient-Reported Outcome Study**
Delia Olteanu, Radu Bogdan Mateescu
- PO4.497** **Designing an AI-Specific Competency Framework for Digital Health Coaching For Obesity: From Human Standards to Scalable Human-and-AI Evaluation**
Victoria Rogers, Martha Neary, Zoe Griffiths, Rebecca Jones
- PO4.498** **Revolutionizing Obesity Management with Digital Twin Technology: A Vision for Precision, Safety, and Personalized Care**
Andrej Belančić
- PO4.499** **Estimating cardiorespiratory fitness in patients with severe obesity using machine learning**
Bjørn-Jostein Singstad, Bjørn-Jostein Singstad, Bjørn-Jostein Singstad, Bjørn-Jostein Singstad, Vimala Nunavath, Inge Rasmus Groote, Inge Rasmus Groote, Jens Kristoffer Hertel, Jarle Berge, Jarle Berge
- PO4.500** **The Role of Artificial Intelligence (AI) in the Treatment of Obesity: A Current Review**
Zeynep Uzdil
- PO4.501** **DXA versus BIA–Based Classification of Sarcopenic Obesity and Age-Specific Reclassification of Functional and Metabolic Risk under AWGS 2025: KNHANES 2024**
Seung Guk Park, Hyeoun Kim
- PO4.502** **Obesity, sarcopenia severity and cancer recovery: a systematic review of outcomes and nutritional responsiveness**
Oana Mădălina Rosu, Ana Maria Gal, Adina Rusu, Elena Daniela Grigorescu, Georgiana Diana Cazac Panaite, Adina Bianca Foșălau, Alina Onofriescu, Cristina Mihaela Lăcătușu, Bogdan Mircea Mihai

POSTER SESSION

- P04.503** **Combined use of weight-adjusted waist index (WWI) and waist-to-thigh ratio (WTR) in the early detection of sarcopenic obesity**
Marina Ramal Sánchez, Marco Mattioli, Luca Valerii, Paolo De Cristofaro
- P04.504** **Liraglutide versus Tirzepatide: Short-term effects on functional tests for sarcopenia in class III obesity**
Maria Evangelia Koloutsou, Maria Yavropoulou, Maria Mateniadou, Georgia Argyrakopoulou, Kyriaki Cholidou, Evrydiki Kravvariti, Nikolaos Tentolouris, Alexander Kokkinos
- P04.505** **Ability of Anthropometric Measures to Distinguish Sarcopenic Obesity from Obesity Without Sarcopenia**
Emine Asci Civelek, Özge Can Ceylan, Ezgi Pinar, Serdar Özkök, Tuğba Erdoğan, Mehmet Akif Karan, Gülistan Bahat Öztürk
- P04.506** **Association of the Sarcopenic Obesity Phenotype Index With Frailty and Functional Limitations in Older Adults**
Tuğba Erdoğan, Serdar Özkök, Cihan Kılıç, Mehmet Akif Karan, Gülistan Bahat
- P04.507** **Do GLP-1 Receptor Agonists Impair Muscle Function in Obesity? A PRISMA-Guided Systematic Review of Clinical Studies**
Alessandra Bedin-Pochini, Joyce Rodrigues Façanha, Marina Medeiros Orsi, Maria C F A Hellebrandt, Ana C P Cantarelli, Maisa M J Gurgel, João Carvalho Júnior, Diogo Toledo, Guilherme Giorelli
- P04.508** **Resting energy expenditure and muscle strength are preserved after weight loss induced by liraglutide or naltrexone-bupropion**
Johanneke Oosterman, Mostafa Mohseni, Mila Welling, Philip Lambermon, Wesley J. Visser, Eline S. van der Valk, Elisabeth F.C. van Rossum, Mariëtte R. Boon
- P04.509** **A simple nutritional tool for screening hidden sarcopenic obesity in people living with HIV**
Marwan El Ghoch, Carla Greco, Leila Itani, Jovana Milic, Michela Belli, Silvia Gabriele, Mariagrazia Conti, Filippo Valoriani, Giovanni Guaraldi, Vincenzo Rochira
- P04.510** ***Aureobasidium pullulans*-derived β -glucan plus regular combined exercise improves knee muscle function and related functional outcomes in adults with pre-sarcopenic obesity: a randomized, placebo-controlled trial**
Sang Yeoup Lee, Ye Li Lee
- P04.511** **Lean mass loss during pharmacological treatment of obesity: considerations for physiotherapy**
Kenneth Verboven, Felipe V. C. Machado
- P04.512** **The Use of Different Muscle Mass Indices in Different Body Phenotypes for Diagnosing Sarcopenia and Their Relationship with Frailty**
Deniz Seyithanoglu, Serdar Ozkok, Sebnem Sidika Guven, Neslihan Hazel Onur, Cihan Kiliç, Humeyra Ozalp, Tuğba Erdogan, Denizler Sezer, Zeynep Fetullahoglu Durmus, Emine Asci Civelek, Ozge Can Ceylan, Ezgi Pinar, Zelal Sahin Tirnova, Huzeyfe Arici, Damla Gul Cetin, Gulistan Bahat, Mehmet Akif Karan
- P04.514** **Obesity- and Sex-Specific Handgrip Strength Thresholds for Predicting Mortality in Older Adults**
Şirin Zelal Şahin Tirnova, Serdar Özkök, Tuğba Erdoğan, Cihan Kılıç, Gülistan Bahat, Mehmet Akif Karan
- P04.515** **The association between muscle-to-fat ratio and risk of prediabetes in high-risk adults**
Haiyan Yang, Xiaohui Feng, Tingting Lv, Yan Tang, Sheng Ge, Shuyao Hua
- P04.517** **Muscle Function Changes During Anti-Obesity Treatment: Why Objective Measures Matter**
Tim Kambič
- P04.518** **Use of anti-obesity drugs and their impact on body composition as a function of the dose used and its intensification. From clinical trials to real life**
Juana Carretero Gómez, Jose Carlos Arévalo Lorido, Sonia Córdoba Bueno, Luis García Martínez, Tomas Francisco Galeano Fernández, Antonio Sebastián Vidal Ríos, Patricia González Gonzalez
- P04.520** **Sarcopenia and GLP-1-based therapies - importance of muscle mass tracking**
Vesela Stancheva Mihneva, Ivaylo Atanasova Bogomilov, Tzvetelina Totomirova
- P04.522** **Weight fluctuations as risk factors for sarcopenic obesity: who is really at risk?**
Eleonora Poggiongalle, Yves Boirie, Christelle Guillet, Abdul Dulloo



POSTER SESSION

- PO4.523** **Development and validation of a patient empowerment questionnaire for people living with obesity**
Lucía Alonso, Joan Fernando, Ximena Ramos Salas, Amanda Jimenez, Ainitze Ibarzabal, Ana De Hollanda, Heli Virtanen, Josep Vidal, Violeta Moize
- PO4.524** **Obesity care in Latvia: analysis of physicians' clinical experiences, obesity management approaches, and stigmatizing beliefs**
Kristīne Ducena, Helēna Apele, Maija Gureviča, Maksims Mukans
- PO4.525** **Associations between weight-related stigma, self-perception and weight management strategies: evidence from a Latvian patient survey**
Kristīne Ducena, Helēna Apele, Maija Gureviča, Maksims Mukans
- PO4.526** **Experiences and perceptions of people with higher weight, relatives, and healthcare professionals on weight-neutral interventions: a qualitative evidence synthesis**
Linda Wargers, Eylül Taneri, Yang Guo, Jan Hindemit, Brenda Bongaerts, Maria Inti Metzendorf, Jane Noyes, Rainer Peelen, Rasmus Køster Rasmussen, Lene Meyer, Juan V A Franco, Ralph Möhler
- PO4.527** **Trajectory of weight regain after cessation of GLP-1 receptor agonists: a systematic review and nonlinear meta-regression**
Brajan Budini, Steven Luo, Martin Tam, Isabel Stead, Andrew Lee, Angelica Akrami, Antonio Vidal-Puig, Adrian Park
- PO4.528** **Primary Care Providers' Experiences regarding Patients' Recurrent Weight Gain after Metabolic Bariatric Surgery**
Liisa Tolvanen, Karin Mossberg, Lindsey M. Grace, Erin C. Standen, Sean M. Phelan, Jocelyn R. Lebow, Daniel P. Andersson, Afton Koball
- PO4.529** **Loss of skeletal muscle mass during a very-low-calorie diet is associated with early and mid-term weight regain**
Omar A. Hernández-López, Neus Bosch-Sierra, Carmen Grau Del Valle, Carlos Morillas, Milagros Rocha, Víctor M Víctor, Susana Rovira-Llopis, Celia Bañuls
- PO4.530** **Adipose Cellular Memory and Post-Diet Weight Regain: A Multilayer Mechanistic Review**
Suad Hammad Alshubrami, Shatha Alharazy
- PO4.531** **Post-discontinuation outcomes in young adults with obesity and overweight treated with GLP-1 receptor agonists: a systematic review**
Uzoamaka Kaka Njoku, Promise Tamunioipiriala Jaja, Francis Finucane



LATE BREAKING POSTERS



LATE BREAKING POSTERS

- LBP1.001** **Modelling sensory innervation in human adipose tissue in vitro**
Stefan E. Spirig, Laura C. Hinte, Christopher R. Peyer, Irina C. Frei, Ryoko Okamoto, Mitsugu Shimobayashi, Michael N. Hall
- LBP1.002** **Fluoromics analysis of NAD metabolites in human adipocyte spheroids**
Thomas Brochard, Sini Laasonen, Juulia Lautaoja Kivipelto, Tanvir Rahman, Kimmo Haimilahti, Hilkka Peltoniemi, Sanna Meriläinen, Kirsi Pietiläinen, Anni Nieminen, Eija Pirinen
- LBP1.003** **Association between adiponectin levels and markers of insulin resistance in older adults**
Aleksander J Owczarek, Magdalena Olszanecka Glinianowicz, Jerzy Chudek
- LBP1.004** **The Adipocentric Cycle Theory (ACT) and Dysregulation in Energy Substrate Partitioning**
Julio Morfin, Alger Gonzalez Contreras
- LBP1.005** **Metabolic Dysfunction in Adipose Tissue: Reduced Glucose Uptake and Secretome Remodeling Across Depots**
Lucie Yammine, Raúl Reyes Moreno, Sarah Cristina Bassantes Rivera, Inés Ruiz, Lorenzo Levenfeld Sabau, Natalia De Las Heras, Almudena Gómez-Hernández, Oscar Escribano, Timothy McGraw, Belén Picatoste Botija
- LBP1.006** **Endocrine disruptors as environmental modulators of adipogenesis and energy balance**
Rafael Melca Torres, Mariana Michimani Medina, Estefania Fuentes
- LBP1.007** **Investigating the Genetic Basis of Periprostatic Adipose Tissue (PPAT) and The Causal Role in Prostate Cancer**
Amy C Dawes, Amy C Dawes, Jade Dorrian, Angela O'Neill, Ryan O'keefe, Angela O'Neill, Ryan O'keefe, Michelle Leech, Michelle Leech, Ruth Travis, Vilmondur Gudnason, Valborg Gudmundsdottir, Emma Allott, Richard M Martin, Richard M Martin, Tom R Gaunt, Tom Gaunt, Tom Gaunt
- LBP1.008** **Dynamic interplay of antioxidant enzymes during adipogenesis in 3T3-L1 cells**
Dunja Igrec, Ana Vuković Popović, Rosemary Vuković, Jelena Jakab, Aleksandar Včev, Martina Smolić, Anita Matić
- LBP1.009** **Persistent transcriptomic memory of prediabetes in subcutaneous adipose tissue after bariatric surgery**
Camila Milad, Marcelina Párrizas, Ane Azketa, Pol Candela, Romina Olbeyera, Ainize Ibarzabal, Josep Vidal, Ana De Hollanda
- LBP1.010** **Epicardial adipose tissue thickness, inflammatory biomarkers and left atrial myocardial fibrosis in obese patients with atrial fibrillation**
Valery Lonin, Elizaveta Barashkova, Elena Bazhenova, Zaslavskaya Ekaterina, Alexandr Morozov, Elena Baranova, Iurii Khalimov
- LBP1.011** **Dietary and 13-cis-Retinoic Acid-Induced Changes in Body Weight and Relative Organ Mass in Female Lewis Rats**
Ivana Ilić, Marko Lovrić, Robert Mujkić, Anđela Grgić, Karla Rožac, Marija Delaš Aždajić, Darija Šnajder Mujkić, Nada Oršolić
- LBP1.012** **Long-Lasting Anorexigenic Effects of Vaspin and Leptin through the Regulation of Synaptic Plasticity**
Min-Seon Kim, Gilmyoung Kang, Se Hee Min, Sang Yoon Moon
- LBP1.013** **Peripheral signals induced by overfeeding suppress food intake and increase energy expenditure during weight loss**
Theo Cerf, Isabelle Scerri, Vadim Krivitsky, Michael Stumpe, Joern Dengjel, Yann Ravussin
- LBP1.014** **Evaluating the Consistency and Clinical Utility of Anthropometric Indices in Identifying Visceral Adiposity in young Caucasian women with polycystic ovary syndrome**
Aleksander J Owczarek, Marta Kochanowicz, Paweł Madej, Magdalena Olszanecka Glinianowicz
- LBP1.015** **Chronopharmacological targeting of mitochondrial DHODH suppresses diet-induced obesity in male mice**
Florian Atger, Manon Durand, Mikael Croyal, Albane Chavanne, Enora Le Questel, Yolène Foucher, Charlene Besnard, Ivan Nemazanyy, Soazig Le Lay, Xavier Prieur, Claire Pecqueur, Daniel Mauvoisin, David Jacobi
- LBP1.016** **Neonatal Blood Metabolomic Alterations Associated with Gestational Diabetes Exposure**
Nayely Garibay Nieto, Berenice Palacios González, Isabel Omaña Guzmán, Luis Lanz Pérez, Fernanda Jaramillo Pimentel, Amhed Alvarado González, Cristina Díaz Olivares, Marcela Vela Amieva, Isabel Ibarra González



LATE BREAKING POSTERS

- LBP1.017** **Genetic determinants of physical activity, exercise capacity, and lean body mass: roles of GHRL, PCSK1, MYST, and FTO polymorphisms in healthy young adults**
Mert Satılmış, Selin Tekin, Aylin Açıkgöz, Aslıhan Çakmak, Haluk Tekerlek, Ebru Çalık, Deniz Inal Ince, Mehmet Alikashiöglü, Selçuk Dağdelen
- LBP1.018** **Gender Disparities in Mortality in Tunisia: Data from the National Information System on Causes of Death**
Mariem Zribi, Mohamed Amine Bennour, Mohamed Hsairi, Hajer Aounallah Skhiri
- LBP1.019** **Glucagon-like peptide-1 receptor agonists induce transcriptional changes in gastric mucosa**
José Ignacio Martínez Montoro, Luis Ocaña Wilhelmi, Nerea Ruiz Campos, Ángela Núñez Morales, Araceli Rodríguez Onieva, Rocio Soler Humanes, Diéter Morales García, Francisco J Tinahones, Carolina Gutiérrez Repiso
- LBP1.020** **Systemic inflammatory activation across the transition from prediabetes to early type 2 diabetes: role of adiposity-related indices**
Roxana Viorela Ahritculesei, Mihail Virgil Boldeanu, Cristin Constantin Vere
- LBP1.021** **Defining an AGEs-Adipose-Kidney Axis: Extracellular Vesicles Drive Renal Fibrosis Through Interorgan Crosstalk**
Yibin Ma, Shan Lin, Xiaoxing Mo, Linyan Li, Kailiang Chen, Liegang Liu
- LBP1.022** **Brown adipose tissue-derived extracellular vesicles as modulators of metabolic function in obesity**
Adrian Vazquez Duran, Adriana Estevez Lopez, Nerea Lago Baameiro, Javier Baltar, Ivan Couto, Fernando F Santos, Omar Al Massadi, María Pardo
- LBP1.023** **Polystyrene nanoplastics intake impairs glucose tolerance through gut-adipose tissue axis disruption in mice**
Pablo Jiménez López, Ana Cuadrado-Gómez, Robin Mesnage, Carlos Felix Sanchez Ferrer, Concepcion Peiro, Veronica Azcutia, Tania Romacho
- LBP1.024** **Evaluation of the Impact of Hepatitis B Markers on Liver Fibrosis Using Different Scoring Systems in Patients with MASLD**
Eda Nur Bulbul, Askin Erdogan
- LBP1.025** **Title Clinical and Demographic Predictors of Survival in Hepatocellular Carcinoma: Insights from a Balanced Dataset**
Rosa Ragozzino
- LBP1.026** **Intermittent Fasting Suppresses Inflammation Activation in the Aged Liver Through Transcriptional Regulation**
Aysun Inan Genç
- LBP1.027** **Fine tuning of let-7d-5p by hepatic gene therapy as an approach for obesity and type 2 diabetes treatment**
Francisco V Souza Neto, Inês Ruiz González, Tomás Cantis López, Patricia Martín Gutiérrez, Nerea Méndez Barbero, Lorenzo Levenfeld, Sarah Bassantes, Sandra Ballesteros, María García Bravo, Natalia De Las Heras, Belén Picatoste, Almudena Gómez Hernández, Oscar Escribano
- LBP1.028** **Impact of omega-3 supplementation on liver and adipose tissue lipid profiles. Differential metabolic adaptation against hepatic lipotoxicity in a DIO Sprague-Dawley rat model**
Iratxe Eskubi Turró, Júlia Carmona Maurici, Laura Gómez Ballart, David Ricard Jané, Anna Viñas, Begoña Cordobilla, Joan Carles Domingo Pedrol, Eva Pardiña
- LBP1.029** **Geometry versus mass: anthropometric indices define distinct metabolic phenotypes**
Adina Mitrea, Diana Clenciu, Diana Cristina Protasiewicz Timofticiu, Alina Liliana Popa, Maria Mo a, Dela Viola Reurean Pintilei, Anca Pantea Stoian, Adela Gabriela Ștefan, Maria Magdalena Roșu, Theodora Claudia Radu Gheonea, Bianca Florentina Pîrvu, Ștefania Liana Nicolescu, Ștefania Alexandra Niulescu, Luiza Andreea Beldie, Beatrice Elena Vladu, Albert Ștefan Georgescu, Ionela Mihaela Vladu
- LBP1.030** **Trim28 Modulates Sim1-Arnt2 Transcriptional Complex in the Hypothalamus**
Gulcan Kartal, Dookyung Kim, Soojeong Kim, Jaemin Lee
- LBP1.031** **Enhanced feed efficiency, rather than hedonic overeating, drives high-fat diet-induced obesity in mice**
Jens Lund, Federico Picciau, Valdemar B. I. Johansen, Cláudia Gil, Stephanie K. Holm, Cecilie V. Mathiesen, Rebecca L. McIntyre, Goda Snieckute, Trine S. Nicolaisen, Anders B. Klein, Thorkild I.A. Sørensen, Mark I. Friedman, Simon Bekker-Jensen, Zachary Gerhart-Hines, Christoffer Clemmensen

LATE BREAKING POSTERS

- LBP1.032** **Hormonal determinants of carbohydrate and lipid metabolism disorders in Ukrainian patients with obesity**
Olena Dobrovynska, Valeriia Orlenko, Kateryna Ivaskiva, Mykola Tronko
- LBP1.033** **Circulating Complement Factor D is modulated by Diet and Prolonged Lactation in Childhood Obesity**
Luisa Maria Seoane, Miguel Bascoy, Raquel Perez Lois, Diego Muñoz, Sergio Romero, Rosaura Leis, Susana Bravo, Cintia Folgueira, Maria Luz Couce, Omar Al Massadi, Mar Quiñones
- LBP1.034** **Anthropometric Indicators As Determinants Of Glycemic Control: Exploring The Connection Between Body Measurements And Diabetes Prevalence**
Yash Patel, Mayur Patel, Sushil Patel, Kush Patel, Ina Patel, Namirabanu Bagwan
- LBP1.036** **Study of the state of the intestinal microbiota in ukrainian patients with overweight**
Olena Dobrovynska, Valeriia Orlenko, Kateryna Ivaskiva, Mykola Tronko
- LBP1.037** **Adipokine Modulation by Semaglutide in Endothelial Cells Exposed to Palmitic Acid–Induced Lipotoxic Stress**
Mustafa Gokce
- LBP1.038** **Effects of Dietary Protein and Phosphorus Manipulation on Rat Body Composition**
Omar Obeid, Moustapha El Haffar, Loyal Jaafar, Jihad El Hayek, Nathalie Souss
- LBP1.039** **Calluna vulgaris: a new selected plant targeting obesity and associated inflammation to be used in nutraceuticals**
Rawan Nehme, Arthur Chervet, Caroline Decombat, Lucie Longechamp, Christelle Parchemin, Jean Daniel Abraham, Lauriane Imbert Roux, Céline Auxenfans, Edith Filaire, Jean Yves Berthon, Mona Diab Assaf, Laetitia Delort, Florence Caldefie Chézet
- LBP1.040** **The cut-off value for the triglyceride–glucose index – waist to height ratio (TyG–WHtR) discriminating insulin resistance based on the HOMA–IR values and SHBG levels in Caucasian women with polycystic ovary syndrome**
Aleksander J Owczarek, Marta Kochanowicz, Paweł Madej, Jerzy Chudek, Magdalena Olszanecka Glinianowicz
- LBP1.041** **Association between serum albumin and some component of the metabolic syndrome among non-pregnant women in Lebanon**
Omar Obeid, Nathalie Souss, Razan Zein Eddine, Charles Wakim, Nicolai Petry, Carla El Mallah, Amirhossein Yarparvar
- LBP1.042** **Associations of glutathione with central obesity and biological ageing markers in type 2 diabetes**
Yana Dzhun, Yanina Saienko, Yanina Rebrova, Boris Mankovsky
- LBP1.043** **Targeting miR-143-3p via endothelial gene therapy attenuates atherosclerosis, metabolic dysfunction and obesity**
Oscar Escribano, Lorenzo Levenfeld, Nerea Méndez Barbero, Tomás Cantis López, Sarah Bassantes, Francisco V. Souza Neto, Inés Ruiz González, Sandra Ballesteros, María García Bravo, Natalia De Las Heras, Belén Picatoste, Almudena Gómez Hernandez
- LBP1.044** **Impact of Obesity on Glycemic Control and Complications in Type 2 Diabetes: Comparative Evaluation of BMI, Waist Circumference and Waist–Hip Ratio as Predictive Measures**
Yash Patel, Mayur Patel, Sushil Patel, Kush Patel, Ina Patel, Vishwa Mehta
- LBP1.045** **PREDICAD: a novel predictive model for subclinical atherosclerosis detection in severe obesity**
Júlia Carmona-Maurici, Iratxe Eskubi-Turró, Anna Viñas, David Ricart-Jané, Antonio Miñarro, Juan Antonio Baena-Fustogueras, Pablo Muriel, Eva Pardina
- LBP1.046** **Trait-based partitioning of a polygenic risk score for BMI identifies eight partitions with distinct association patterns to metabolic biomarkers**
Priscilla Vlaming, Fernando Rivadeneira, Joyce B.J. Van Meurs, Jeroen G.J. Van Rooij, Jenny A. Visser
- LBP1.047** **Heart Rate Variability and Adiposity Indices in Women with Severe Obesity**
Ewelina Zawadzka-Bartczak, Dagmara Bartczak Szermer
- LBP1.048** **Redox Imbalance and Liver Involvement in Type 1 and Type 2 Diabetes: A Comparative Cross-Sectional Study**
Maria Eugenia Parrotta, Ilaria Milani, Simonetta Palleschi, Emanuela Medda, Luca Colangeli, Paolo Sbraccia, Danila Capoccia, Valeria Guglielmi
- LBP1.049** **Unequal Associations of Polygenic Risk with BMI and Obesity Across Educational Attainment Levels in UK Biobank**
Jorrit van Uhm, Phillip R. Jansen, Mieke M Van Haelst, Elisabeth F C Van Rossum, Erica L T Van Den Akker



LATE BREAKING POSTERS

- LBP1.050** **Body Mass Index and Dry Eye Symptoms**
Claudia Martinez-Cordero, Anabel Sanchez Sanchez, Ma Guadalupe Leon Verdin
- LBP1.051** **GLP-1RA Therapy Improves Metabolic Health in Women with PCOS**
Anida Divanovic Slato, Belma Šakić
- LBP1.052** **Genetic co-localisation implicates PATJ and related effector genes linking sleep/circadian biology with obesity and obesity-related type 2 diabetes**
Daniel B Rosoff, Rebecca Richmond, David Ray
- LBP1.053** **Sarcopenia, Erectile Dysfunction, and Low Physical Activity in Men with Obesity: A Cross-Sectional Analysis**
Nadia Sawicka Gutaj, Alicja Stańska, Krzysztof Kusy, Joanna Gorwa, Monika Ciekot Sołtysiak, Maja Maćkowiak, Aleksandra Derwich Rudowicz, Marek Ruchała
- LBP1.054** **Multi-omics integration reveals a metabolic exhaustion signature predicting sarcopenic obesity susceptibility in aging mice**
Rebecca De Lorenzo, Clara Sciorati, Amanda Avola, Alice Versiglia, Sarah Damanti, Andrea Locatelli, Davide Stefanoni, Alessia Pagani, Mariateresa Pettinato, Laura Silvestri, Rossella De Cegli, Carmine Settembre, Diego Di Bernardo, Simone Cenci, Anna Palmisano, Antonio Esposito, Angelo Andrea Manfredi, Patrizia Rovere Querini
- LBP1.055** **Body Composition–Based Levothyroxine Dosing Challenges BMI-Centered Approaches in Obesity: A Skeletal Muscle–Adjusted Analysis**
Fulya Calkoglu, Fatih Bektas, Ummu Mutlu, Hulya Hacisahinogullari, Gulsah Yenidunya Yalin, Nurdan Gul, Ozlem Soyulk Selcukbiricik, Ayse Kubat Uzum
- LBP1.056** **Mild cold exposure with shivering reduces 24-hour glycaemia of patients with type 2 diabetes but not prediabetes**
Dzhansel Hashim, Johanna A. Jørgensen, Tineke Van De Weijer, Denis P. Blondin, Patrick Schrauwen, Joris Hoeks
- LBP1.057** **Dual glucagon-like peptide 1/glucose-dependent insulinotropic polypeptide receptor agonist improves muscle function despite lean mass reduction in adults with obesity and in a preclinical mouse model**
Patrizia Rovere Querini, Rebecca De Lorenzo, Agrima Gera Karun, Gianmarco De Maria Dadea, Amanda Avola, Sarah Damanti, Costanza Festorazzi, Aurora Merolla, Simona Santoro, Valentina Vinelli, Giulia Morocutti, Clara Sciorati
- LBP1.058** **Muscle-to-Bone Ratio of the Arms and Legs in Adults by Sex, Age, BMI, and Percent Body Fat: a cross-sectional analysis from NHANES 2013-2014**
Maxime Truchon, Silvio Lefevre, Johke Smit, Eleonora Poggiogalle, Philippe Noirez
- LBP2.007** **Impact of a Combined Behavioural Weight Loss and Weight-Bias Intervention on Internalized Weight Bias and Psychological Outcomes**
Debasis Basu, Soutri Ghosh, Soubhik Sinhababu, Sangita Sahoo, Dr SurajeetKumar Patra
- LBP2.008** **Impact of Obesity Severity on Diabetes Distress: A PAID Scale–Based Observational Study in Adults with Diabetes**
Yash Patel, Mayur Patel, Sushil Patel, Kush Patel, Ina Patel
- LBP2.009** **Prevalence of risky eating behaviors among female university students aged 18 - 25 in Bogotá with exposure to two health literacy sources**
Isabella Garcíandia Rozo, Lina María González Ballesteros, Cristina Escobar Villazón, Mateo Córdoba, Sofía Pérez Lalinde, Sara Mosquera Rodríguez, María Camila Patiño, Daniela Forero, Luisa González Ballesteros, María Cristina Toncel Castro
- LBP2.010** **Studying the impact of behavioral factors on the history of weight gain using associative classification**
Alina Misharova, Sofia Eliashevich, Ekaterina Nunez Araujo, Anastasiia Luzhetskaia, Alexander Ryjov, Oxana Drapkina
- LBP2.011** **Associations Between Ultra-Processed Food Consumption, Eating Behaviors, Satiety, Blood Glucose, and Food Addiction in Adults: A Cross-Sectional Study**
Lama Mattar, Hana Harb, Tracy Mamo
- LBP2.012** **The Role of Stress in Emotional Eating and Eating Disorders: Neurobiological Mechanisms and Body-Based Interventions**
Penbe Nur Görgülü, Recep Özmerdivenli

LATE BREAKING POSTERS

- LBP2.013** **The Effect Of Social Media Usage On Food Consumption, Food Choice, And Tendency To Orthorexia Nervosa Among Housewives**
Ipek Onbaşılı, Billur Biliközen Aygün, Zeynep Özerson, Fitnat Şule Şakar
- LBP2.014** **The Interplay Between Peripheral Neurotransmitters, Autonomic Resilience, and Executive Function in Obesity: A Multidimensional Analysis of Self-Regulatory Mechanisms**
Se-Hong Kim, Juhye Chung
- LBP2.015** **Beyond Screen Time: BMI Classification and Exposure-Related Social Media Effects on Eating Behaviour and Body Satisfaction**
Ezgi Sakar Schoinas, Cahit Erkul, Ezgi Kolay
- LBP2.016** **Validation of large-scale measures of adiposity and bone density across different ethnic groups in the UK Biobank**
Holly Bihun, Jennifer Carter, Huaidong Du
- LBP2.017** **Maternal obesity and vitamin status during pregnancy in the French EDEN mother-child birth cohort**
Rania Barka, Bénédicte Lelièvre, Muriel Tafflet, Bérénice Ségestrin, Claire Rives Lange, Claire Rives Lange, Julien Fromonot, Anne Galinier, Sylvie Caspar Bauguil, Blandine De Lauzon Guillaín, Marie Aline Charles, Cécile Ciangura, Barbara Heude, Marion Lecorguillé
- LBP2.018** **Obesity Risk May Begin Before Weight Gain: Behavioral Risk Clustering in University Students**
Ipek Cicekli, Serap Gokce Eskin
- LBP2.019** **Obesity and Breast Cancer Risk Among Moroccan Women: A Multicenter Case-Control Study**
Najoua Lamchabbek, Najia Mane, Siham Mrah, Hassan Aguenau, Elodie Faure, Fatima Zahra M'rabet, Adil Najdi, Nawfel Mellas, Karima Bendahou, Inge Huybrechts, Mohamed Khalis
- LBP2.020** **Unmasking hidden abdominal obesity in Indian type 2 diabetes mellitus patients: A post-hoc analysis from NOVELTY study**
Debasis Basu, Rutul Gokalani, Richa Chaturvedi, Amarnath Sugumaran, Senthilnathan Mohanasundaram
- LBP2.021** **Metabolic Score for Insulin Resistance (METS-IR) Identifies Breast Cancer Risk Beyond Obesity and Diabetes: A Nationwide Cohort Study of 2.1 Million Korean Women**
Jihyun Yoon, Byoungduck Han, Yang Hyun Kim, Jun Hyuk Lee
- LBP2.022** **Comparative utility of waist circumference and waist-to-height ratio in screening for abdominal obesity in Indian type 2 diabetes mellitus patients: a post-hoc analysis from the NOVELTY study**
Debasis Basu, Rutul Gokalani, Richa Chaturvedi, Rahul Iyer, Amarnath Sugumaran, Senthilnathan Mohanasundaram
- LBP2.023** **Assessment of the prevalence of preclinical and clinical obesity among male shift and non-shift workers**
Ece Melina Öktem, Idil Subaşı, Lal Mina Par, Nil Kılınc, Sude Nur Balıkçı, Cansu Gençalp
- LBP2.024** **Anthropometric and imaging-derived body composition and cardiometabolic health in ethnically diverse cohorts: UK Biobank and the Indian Study of Healthy Ageing (ISHA)**
Bastian Bohrmann, Sarah Lewington, Parminder Judge, Sharayu Mhatre, Rajesh Dikshit
- LBP2.025** **Real-World Evidence of Transition from Glucotoxic Diabetes to Adiposity-Driven Diabetes Phenotype in Asian Indians: A Decade Comparative Study (2015-2025)**
Yash Patel, Mayur Patel, Sushil Patel, Kush Patel, Ina Patel, Riti Patel, Namirabanu Bagwan
- LBP2.026** **Does living with obesity during tertiary education affect employment outcomes after graduation? Longitudinal evidence on 1,673 young adults in China**
Xiaoxiang Dai, Andrew Hill, Daniel Howdon, Miaoqing Yang, Adam Martin
- LBP2.027** **The GLP-1 awareness-uptake paradox among women following a physician on social media**
Katarzyna Agnieszka Woźniak, Agnieszka Magryś
- LBP2.028** **Relationship between Stress and Obesity-Related Behaviors in Korean Adults**
Eunju Sung, Yoosoo Chang



LATE BREAKING POSTERS

- LBP2.030** **Adipokines and incretin profiles in women with obesity exposed to chronic stress in residents of the de occupied territories of the Kyiv region: association with body composition and metabolic parameters**
Olena Dobrovynska, Valeriia Orlenko, Kateryna Ivaskiva, Mykola Tronko
- LBP2.031** **Evaluation of the Relationship Between Combined Inflammatory Indices and Psychological and Eating Behavior Scales in Adults Living with Obesity**
Abdulmelik Fidan, Zeynep Ekinci, Zeynep Pekel, Enis Akca, Zelihan Kafadar, Barkin Yigitbasi, Huseyin Dongelli, Metin Ozgen, Demet Yalcin Kehribar
- LBP2.032** **The role of dietary support in mood disorders among people living with obesity: Possibilities and limitations**
Katarzyna Eufemia Przybyłowicz, Małgorzata Obara Gołębiowska, Adrianna Łobacz, Anna Danielewicz
- LBP2.033** **Nutritional vulnerability and paradoxical dietary patterns in maltese adults with irritable bowel syndrome**
Heather Galea, Mario Caruana Grech Perry, Petra Jones
- LBP2.034** **Use and importance of the Miris HMA (Human Milk Analyzer) device in milk banks**
Alessandra da Rocha Bueno Ronconi, Raphaela Ronconi
- LBP2.035** **Evaluation of the Relationship Between Dietary Inflammatory Index, Fiber Intake, and Body Composition in Healthcare Workers**
Hüda Sevimli, Merve Nur Uçak, gözde artıcı
- LBP2.036** **Assessment of the Dietary Habits of Hungarian Children Aged 4–10 Years Using the Healthy Eating Index**
Diana Sarga
- LBP2.037** **Sex and dyslipidemia jointly modify the association between provegetarian diet adherence and telomere length in participants from the SUN cohort**
Amelia Marti del Moral, Aida Escudero, Isabella Kury Guzmán, Itziar Zazpe, Cristina Razquin, Miguel Angel Martínez González, Sonia García Calzón
- LBP2.038** **Development of the Moroccan Food Composition Table: A Dynamic Table**
Hassan Aguenou, Salma Azzoui, Safae Chebbaki, Radia Belkamel, Anass Rami, Nissrine El Mir, Nada Benajiba, Amina El Hajjab, Laila El Ammari, Jaafar Heikel, Mohamed Khalis, Souad Skalli, Amina Barkat, Khalid El Kari
- LBP2.039** **Regional heterogeneity of dietary patterns and associations with impaired fasting glucose among adults in seven geographic regions of China**
Aidong Liu, Chang Su, Huijun Wang, Wenwen Du
- LBP2.040** **Relationship Between Ultra Processed Food Consumption Classified By Nova System And Body Mass Index In A Private University**
Busra Celik, Irem Kaya Cebioglu
- LBP2.041** **Dietary Intake, Protein Quality and Quality of Life Beyond Two Years After Sleeve Gastrectomy**
Zehra Margot Celik, Aleyna Ayyüce Uzunoğlu, Duygu Kara, Gizem Kar, Kübra Ödemiş, Şeyda Tay
- LBP2.042** **Associations of Ultra-Processed Food Intake with Sustainable Eating Behaviors and BMI with Food Addiction Symptoms**
Dilek Sivri, Elif Çelik, Ayşe Derya Bayazıt, Makbule Gezmen Karadağ
- LBP2.043** **Association of Mediterranean Diet Adherence with Type 2 Diabetes Risk: Evidence from the UK Women's Cohort Study**
Cigdem Bozkir, Yuanyan Dong, Janet Cade
- LBP2.044** **Dietary Carbohydrate Distribution and Visceral Adiposity in Indonesian Adults with Overweight and Obesity: Implications for Insulin-Mediated Fat Partitioning**
Melyarna Putri, Helena Fabiani, Nurul Ratna Mutu Manikam, Lily Indriani Octovia, Diyah Eka Andayani, Fiastuti Witjaksono
- LBP2.045** **Chronotype, Food Addiction, and Biochemical Profiles: Behavioral and Circadian Dimensions of Metabolic Risk in Individuals with Type 2 Diabetes Mellitus**
Zeynep Sude Cabadak, Ferhan Mantar



LATE BREAKING POSTERS

- LBP2.046** **Salivary Leptin and Ghrelin as Non-Invasive Markers of Appetite Dysregulation in People with Obesity and Type 2 Diabetes: A Pilot Study**
Corina Dragomir, Naomi Eunicia Pavál, Andrei Lobiuc, Delia Reurean Pintilei
- LBP2.047** **Gut microbial composition according to obesity status in community-dwelling Korean older adults**
Jung-Eun Yim, Ji-Sook Park
- LBP2.048** **Body Mass Index and Its Correlation with Body Composition and Food Intake Among Elderly Outpatients in Cipto Mangunkusumo Hospital, Jakarta, Indonesia**
Diana Sunardi, Yohanessa Wulandari, Nurul Ratna Mutu Manikam, Krisadelfa Sutanto
- LBP2.049** **Beyond the Body Mass Index (BMI) Paradox: The Impact of the Phenotype Characterized by Normal BMI and High Body Fat on 12-Year All-Cause Mortality in Older Individuals**
Hsiang-Han Kao, Chia Ing Li, Tsai Chung Li, Cheng Chieh Lin
- LBP2.050** **Skeletal Muscle Index and Body Fat Percentage Determined by Bioelectrical Impedance Analysis as an Indicator of Impaired Mobility and Sarcopenic Obesity in Elderly**
Daniela Čačić Kenjerić, Ivana Platužić, Lidija Šoher, Frane Čačić Kenjerić
- LBP2.051** **Elevator design no longer meets elevating obesity levels**
Nick Finer
- LBP2.052** **Intersocietal consensus document obesity as a risk factor for community acquired pneumonia**
Maria Natalia Nachon, Matias Alberto Mirofsky, Pascual Valdez, Juliana Gomez, Luis Alberto Cámara, Lucas Goldin, Gabriela Rovira, Constanza Alarcon, Analia Urueña, Daniel Stecher, Francisco Nacinovich
- LBP2.053** **The association between stressful life events, lifestyle, and incidence of new chronic diseases: a prospective multi-cohort mediation analysis across six Dutch cohorts**
Bram Berntzen, Joline Beulens, Femke Rutters
- LBP2.054** **OBEDOCENTIA 1 Study: How Obesity Is Taught in Spanish Medicine Faculties**
Diego Bellido Guerrero, Maria Mar Malagón, Gema Medina Gómez, Alexis Pérez Mitru, Josep Vidal Cortada, Albert Goday Arno
- LBP2.055** **Mapping the Burden: How Regional and Cumulative Musculoskeletal Symptoms Affect Physical Performance in Women with Overweight or Obesity**
Büşra Nur Orhan, Raziye Şavkin, Ummuhan Baş Aslan
- LBP2.056** **Internalization of Appearance Norms and Body Image as Predictors of BMI in Women Practicing Pole Dance**
Wiktoria Staskiewicz-Bartecka, Agata Kiciak, Agnieszka Białek-Dratwa, Sylwia Jaruga-Śekowska, Julia Lubojańska
- LBP2.057** **Expanding the toolbox for obesity prevention and treatment in low- and middle-income countries: What does it take to make it happen?**
Daniel Mora Brito, Olivia Meadowcroft
- LBP2.058** **Agenda-setting in local food environment policy: A comparative Multiple Streams Analysis of the City Deal network in the Netherlands**
Fleur ter Ellen, Mika Grijzenhout, Jesse Vastenhoud, Joost Oude Groeniger, Frank van Lenthe, Karien Stronks, Karen Oude Hengel, Luc Hagenaars
- LBP2.059** **Primary Care Doctors' Perceptions about Obesity and the Greek National Program "Prolamvano"**
Dimitrios Kounalakis, Nikolaos Tsakountakis, Vasileios Gkizlis, Maria Kozyraki, Anargyros Mariolis
- LBP2.060** **Analysis of front-of-package nutrition labelling systems in Portuguese foods and beverages**
Marta Figueira, Inês Figueira, Inês Castela, Carla Almeida, Raquel Teixeira, Maria João Gregório
- LBP2.061** **Health Inequalities In The Context Of Obesity Burden, Access To Treatment, And Reimbursement Policies**
Tanyel Sema Dağdeviren, Mehmet Enes Gökler, Murat Dağdeviren
- LBP2.062** **Development of a new measure examining the sources and types of experienced weight stigma: a Delphi study**
Yue Wang, Jason Cg Halford, Alice R. Kininmonth, Stuart Flint, Alison Fildes



LATE BREAKING POSTERS

- LBP2.063** **Obesity-related beliefs, concerns, and stigmatizing perceptions among adults living with obesity**
Luiz F. Viola, Cynthia M. Valerio, Raquel B. G. Muniz, Roberta M. C. Moreira Allgayer, Bruno Halpern, Thaisa D. G. Trujilho, Alexandre Hohl, Rodrigo N. Lamounier, Fabio R. Trujilho
- LBP2.064** **Nutrition Knowledge, Food Choices, and Sustainable Eating Behaviors: A Comparative Study of German Turks and Turks**
Ege Beyza Öztürk, Gözde Artırcı Çolak
- LBP2.065** **Evaluation of Nutritional Status and Sustainable Consumption Behaviours Among Employees in the Catering Sector**
Özüm Sena İrtürk, Merve Nur Uçak, Gözde Artırcı
- LBP3.012** **The Role of Metalloreductases in the Pathogenesis of Obesity**
Sümeyye Cilmeli, Meltem Ece Kars, Yuval Itan, Hakan Bulus, Jeffrey M. Friedman, Tayfun Ozcelik, Onur Emre Onat
- LBP3.013** **Dual Faces of Malnutrition in Morocco: Mothers with Overweight and Children with Undernourishment**
Abdourahmane Fall, Meryem Lazrak, Laila El Ammari, Kaoutar Benjeddou, Hasnae Gamih, Abdelhakim Yahyane, Baha Rabi, Abdelaziz Benjouad, Jaafar Heikel, Amina Barkat, Hassan Aguenao, Khalid El Kari, Houda El Hsaini
- LBP3.014** **Where Metabolic Risk Begins: Early-Life Influences in Children with Obesity**
Teofana Otilia Bizerea-Moga, Ramona Stroescu, Lazăr Chişavu, Otilia Mărginean, Flavia Chisavu
- LBP3.015** **From Birth to Insulin Resistance: Early-Life Pathways in Children with Obesity**
Teofana-Otilia Bizerea-Moga, Tudor Voicu Moga, Giorgiana Flavia Brad, Otilia Mărginean
- LBP3.016** **Dietary Patterns and Abnormal Body Weight Among Children in Southern Poland: A Cross-Sectional Analysis from the Stairway To Health Project (Schody Zdrowia)**
Agnieszka Białek-Dratwa, Elżbieta Szczepańska, Małgorzata Słoma-Krześlak, Wiktoria Staśkiewicz-Bartecka, Sylwia Jaruga-Sekowska, Justyna Nowak, Agata Kiciak, Joanna Nieć-Leśniak, Bogumiła Urbaneł, Maria Kujawińska Wilk, Olga Sobek, Oskar Kowalski
- LBP3.017** **Parental Perspectives on Weight in Childhood: A Mixed-Methods Study for Clinical Practice Guideline Development on Pediatric Healthy Weight Management in Korea**
Yong Hee Hong, Eun Youl Lee, Eungu Kang, Jisun Park, Sujin Park, Young Sun Kim, Jung Yeon Yang, Sochung Chung
- LBP3.018** **Synchronized parent-adolescent GLP-1 receptor agonist therapy embedded in a structured family-based obesity program**
Margarita Ustiuhanina, Olga Kovtun, Kira Zaslavskaya, Viktor Dikmanov
- LBP3.019** **Exploring Barriers and Facilitators of an Early Family-Centred Prevention Programme for Childhood Overweight and Obesity (Fruehstart): A Qualitative Analysis**
Katharina Ruettger, Anna Lena Lauenstein, Kevin Dadaczynski, Fruehstart Study Group
- LBP3.020** **Using an Implementation Quality Index to evaluate an early, cross-sector, outreach, and family-centred Prevention Programme for Childhood Overweight and Obesity in Germany (Fruehstart)**
Anna-Lena Lauenstein, Katharina Ruettger, Kevin Dadaczynski, Fruehstart Studygroup
- LBP3.021** **A Rare Cause of Early-Onset Obesity: A Novel Variant in LEPR**
Murat Çağlar Karataş, Özge Köprülü, Tayfun Cinletli, Merve Saka Güvenç, Behzat Özkan
- LBP3.022** **The Metabolic Path to Steatotic Liver Disease: A Pediatric Perspective**
Teofana Otilia Bizerea-Moga, Tudor Voicu Moga, Otilia Mărginean, Lazar Chisavu
- LBP3.023** **Triglyceride (TG), Insulin Resistance (IR) and TG-Glucose-BMI (TGB) Index in Relation to Cardiometabolic Risk among Children**
Nain Feng Chu, Der Min Wu, Ya Hsien Huang
- LBP3.024** **Safeguarding and Childhood Obesity: A Multi-Agency Early Intervention Approach Background**
April Hassett
- LBP3.025** **"It feels good to be full in both head and belly" A qualitative study on the experiences of children, adolescents, and guardians regarding hyperphagia and treatment with GLP-1 analogues in craniopharyngioma**
Kajsa Jarvholm, Emma Fredriksson, Felicia Olsson, Magnus Sabel, Helena Jamin Ly, Lovisa Sjögren



LATE BREAKING POSTERS

- LBP3.026** **Identifying clinical and non-clinical adjustments made by weight management services to support children and young people with autism spectrum disorder and/or attention deficit/hyperactivity disorder living with obesity: A scoping review**
Tahira Amin, Christopher Brown, Karen Coulman, Julian Hamilton Shield, Catherine Homer
- LBP3.027** **Bariatric surgery in a pediatric population with obesity – one-center experience**
Kamila Szeliga, Dominika Krakowczyk (Smyczek), Agnieszka Pietrusik, Tomasz Koszutski, Aneta Gawlik-Starzyk
- LBP3.028** **Heterogeneity of Response to Lifestyle Intervention in Children and Adolescents With Obesity: Insights From a Multicenter Prospective Multi-Omics Cohort**
Aneta Gawlik-Starzyk, Huijie Li, Abdullah Bereket, Malgorzata Gabriela Wasniewska, Aleksandra Antosz, Kamila Szeliga, Tarik Kirkgoz, Serap Turan, Tulay Guran, Tommaso Aversa, Domenico Corica, Michaela Hartmann, Michael Shmoish, Jörn Pons Kühnemann, Stefan A. A. Wudy, Ze'ev Hochberg
- LBP3.029** **Beyond the Numbers on the Scale: A Diagnostic Challenge**
Ana Kokhreizde, Marine Gordeladze
- LBP3.030** **Mild Influence of Adiposity on Vitamin B1 and B2 Biomarkers of Adolescent Women in Lebanon**
Omar Obeid, Sara Nasr, Razan Zeineddine, Nathalie Souss, Nicolai Petry, Carla El Mallah, Amirhossein Yarparvar
- LBP3.031** **Evaluation of the Relationship between Nutritional Literacy and Body Mass Index in Adolescents**
Kübra Öztürk, Perim Fatma Türker, Meryem Kahrıman
- LBP3.032** **Frequency of selected food consumption and body composition indicators in adolescents**
Agata Kiciak, Wiktoria Stańkiewicz-Bartecka, Agnieszka Białek-Dratwa, Natalia Kuczka, Daria Dobkowska-Szefer, Olga Sobek
- LBP3.033** **Higher Dietary Obesity-Prevention Score Is Associated With Lower Odds of Metabolic Dysfunction-Associated Fatty Liver Disease in Children and Adolescents With Overweight or Obesity**
Elaha Etesami, Ali Nikparast, Mohsen Shaygantabar, Hanieh Sadat Ejtahed, Mohammad Hassan Sohoulı, Pejman Rohani, Golaleh Asghari
- LBP3.034** **Redefining dietary approaches in the era of nutrient-stimulated hormone therapies: Implications for medical nutrition therapy and eating behaviour in children and adolescents living with obesity: recommendations from six societies led by ECOG**
Gabriel Torbahn, Edyta Łuszczki, Alina Oberauer, Timo D Müller, Clare E Collins, Aaron S Kelly, Michael Vallis, Natalie Lister, Anna K Jansson, David Thivel, Veronica Luque, Marie-Laure Frelut, Caroline Braet, Liisa Tolvanen, Elvira Verduci, Irina Kovalskys, Malgorzata Wójcik, Agnieszka Kozioł Kozakowska, Artur Mazur, Berthold Koletzko, Julia Lischka, Katharina Mörwald, Julian Gomahr, Daniel Weghuber
- LBP3.035** **Prevalence of obesity among high school students in a socioeconomically disadvantaged district of Istanbul: a cross-sectional study**
Şule Aktaç, Simay Kundakçı, Güleren Sabuncular, Elif Akbaş, Sümeyye Gezer, Mehmet Akif Sezerol, Merve Kirlangıç
- LBP3.036** **Mediterranean Diet Adherence in Moroccan Children Aged 2–12 Years: An Exploratory Analysis Using the KIDMED Questionnaire**
Ayman Asseraj, Hayat Bouhjar, Asmaa El Hamdouchi, Khalid El Kari, Mohamed Mzibri, Kaoutar Benjeddou
- LBP3.037** **Assessment of Diet Quality Using the Healthy Eating Index and Associated Factors Among Lebanese Adolescents**
Aya Abdel Khalek, Rafah Issa, Nour Massouh, Elie Jacques Fares, Mandy Taktouk, Samer Kharroubi, Lara Nasreddine
- LBP3.038** **Three generation family with Chung-Jansen syndrome: clinical variability and nephrocalcinosis as a possible new feature**
Wenneke Van Weelden, Arie Van Haeringen, Paul Vos, Mieke M Van Haelst, Lotte Kleinendorst
- LBP3.039** **Impact of Monthly Age on Anthropometry and Physical Fitness among Korean Preschoolers: A Large-Scale Urban Study**
Eun Byoull Lee, Min Hwa Suk, Yong Hee Hong, Kyung Do Han, Jae Hyuk Lee, Sang Youl Rhee, Jung Hwan Park, Sochung Chung
- LBP3.040** **Are teenagers in Kenya physically active? The nexus between physical activity and nutrition status of Kenyan teenagers: A cross-sectional study**
Moses Amram Kutwah, Dorcus Mbithe David Kigaru, Joseph M'irira Kobia

LATE BREAKING POSTERS

- LBP3.041 Whole-Systems Approach to Identify and Change Childhood Obesity as an Urgent Political Priority**
Vera Pande Simovska Jarevska
- LBP3.042 Whole-Systems Based-Thinking to Identify and Change Adolescent Obesity as an Urgent Political Priority**
Vera Simovska Jarevska, Andrej Blagoja Simovski
- LBP3.043 Five-year trends in the incidence and prevalence of obesity among children and adolescents in the Republic of Uzbekistan: a national referral-based analysis (2018–2022)**
Maftuna Ibragimova, Dilfuza Berdikulova, Nasiba Alimova, Shakhnoza Azimova, Akida Sadikova, Abdulbosit Siddikov, Tasniyma Abdusattorova
- LBP4.018 Pharmacological Management of Grade III–IV Obesity with GLP-1 Agonists as a Bridge to Bariatric Surgery**
Sandra Andino, Mónica Lukaszewicz, Jaqueline Manavella, Gustavo Matus, Jorge Claria, Xaris Merino, José Cooke
- LBP4.019 Nutritional and Lifestyle Intervention Outcomes on Cardiometabolic and Bone Health Post Sleeve Gastrectomy**
Abeer Alzaben, Shaima A. Allothman, Dalal Fahad Alshamri, Sarah Faloudah, Meshal Alsharafa, Saeed S Alshlwi, Alaa A Al Masud
- LBP4.020 Remission of obesity-related comorbidities after bariatric surgery: a case report**
Valentina Velkoska Nakova, Goce Hristov, Natasha Nedeska Minova, Cvetanka Volkanovska Iljjevska
- LBP4.021 Pregnancy after bariatric surgery. Case-control study**
Ana Kopaleishvili, Jaba Babaevi, Ramaz Kurashvili, Tinatin Akhobadze, Elena Shelestova, Tamar Maghradze
- LBP4.022 Prediction models for successful weight loss after bariatric surgery: a preoperative and early postoperative two-stage approach**
Chaitong Churuangskul, Warut Aunjitsakul, Darawan Promchan, Siripong Cheewatanakornkul, Kamthorn Yolsuriyanwong
- LBP4.023 Intermittent abdominal pain post Metabolic- & Bariatric Surgery: case study and literature review**
Dr Biborka Berezcky, Dr. Labib Riachi, Dr. Suheil Ashraff
- LBP4.024 Depot-specific expression of estrogen, androgen, and CD 36 receptors in different adipose tissues of obese patients**
Ayten Eraydin, Alperen Halil Hayla, Gülçin Abban Mete, Nazlı Çil, Ayşe Nur Damar, Aydin Demiray, Muhammed Raşid Aykota, Asude Fenkçi, Semin Melahat Fenkçi
- LBP4.025 Pregnancy outcomes after bariatric surgery: A retrospective descriptive analysis of 40 consecutive gestations in a tertiary care center**
Beatriz Gonzalez Aguilera, Eduardo Torrecillas Del Castillo, Mercedes Peinado Ruiz, Maria Del Castillo Tous Romero
- LBP4.026 Guillain–Barré Syndrome Following Bariatric Surgery: A Systematic Review of Reported Evidence**
Asma Aljaberi, Asma Aljaberi, Satish Chandrasekhar Nair, Miklos Szolics, Miklos Szolics
- LBP4.027 Sex-specific mediators of serum uric acid reduction following metabolic bariatric surgery: a longitudinal study**
Chuyan Tong, Mutailipu Kelibinuer, Ruoyu Chen, Le Bu, Shen Qu, Xin Wen, Yunqing Li, Xiaojuan Zha
- LBP4.028 Preoperative baseline characteristics as predictors of extreme weight loss outcomes following sleeve gastrectomy**
Kelibinuer Mutailipu, Liesheng Lu, Chuyan Tong, Jiajing Yin, Jingmei Xin, Xin Wen, Xiaojuan Zha, Shen Qu, Le Bu
- LBP4.030 Early dietary changes are associated with long-term weight-loss trajectories after bariatric surgery**
Rosalie Delvert, Louise Seconda, Anestis Dougkas, Judith Aron-Wisniewsky, Julie-Anne Nazare
- LBP4.031 Determining The Nutritional Habits, Body Composition and Quality of Life of Individuals In The Post-Bariatric Surgery Period**
Ceren Demokan, Ferhan Mantar
- LBP4.032 Children born after pregnancies following bariatric surgery: first insights from a population-based study using the French SNDS database**
Claire Rives Lange, Anne Isabelle Tropéano, Emilie Lanoy, Thomas Duroy, Aurélie Villefaillot, Pierre Bel Lassen, Blandine Geisler, Bérénice Segrestin, Bénédicte Lelièvre, Marion Lecorguillé, Delphine Mitanchez, Géraldine Gascoin, Andréa Lazzati, Barbara Heude, Cécile Ciangura, Sébastien Czernichow
- LBP4.033 Circulating MicroRNA Profiles Correlate with Absolute Telomere Length Elongation After Metabolic Bariatric Surgery**
Alicja Dudek Sierocki, Barbara Zapala, Karol Ciszek, Piotr Tylec, Wojciech Zgliczynski, Piotr Major



LATE BREAKING POSTERS

- LBP4.034** **A high-protein low-energy diet combined with resistance training improves body composition with weight loss and lowers the drive to eat. Preliminary results from the PRO-FIT trial**
Marthe Isaksen Aukan, Marthe I Aukan, Henrik Aale Sørum, Sophie Van Eijnthoven, Njål Monsen Totland, Guro Rosvold, Hanna Margrethe Storheil Skarstad, Marius Steiro Fimland, Trine Moholdt, Trine Moholdt
- LBP4.035** **Behavioral factors associated with $\geq 15\%$ versus $< 5\%$ weight loss in adults with severe obesity: A retrospective clinical study**
Alexander Hidén, Sofia Björkman, Elin Allansson Kjölhede, Björn Eliasson, Ingrid Larsson
- LBP4.036** **Think, Feel, Eat: Integrating Psychosocial Screening and Cognitive-Behavioral Intervention in Outpatient Obesity Management**
Sanja Vujević, Simonida Paštar
- LBP4.037** **Person-centered approach for patients with complex medical and mental health needs on pharmacological pathway (Semaglutide) in specialist weight management service: Case Series**
Asiye Busra Sirin Ayva, Matt Buckley, George Sanders, Ranjana Babber, Sophie Edwards, Paul Gately
- LBP4.038** **Service Evaluation of a Community Weight Management Service in England**
Asiye Busra Sirin Ayva, Matt Buckley, George Sanders, Sophie Edwards, Paul Gately
- LBP4.039** **Qualitative Analysis of Weight Management Service User Experience**
Asiye Busra Sirin Ayva, Matt Buckley, George Sanders, Sophie Edwards, Paul Gately
- LBP4.040** **Weight Loss Engagement with Local Communities: Morelife's Local Activator Model**
Asiye Busra Sirin Ayva, Rebecca Hellyer, George Sanders, Sophie Edwards, Paul Gately
- LBP4.041** **Effectiveness of an Adaptive Mobile Health Intervention to Reduce Excess Gestational Weight Gain: A Cluster Randomized Controlled Trial**
Monique Marie Hedderson, Susan D. Brown, Charles P. Quesenberry, Fei Xu, Cheryl Albright, Assiamira Ferrara
- LBP4.042** **Effects of an interdisciplinary lifestyle intervention on atherogenic lipid markers in women with overweight/obesity and obstructive sleep apnea: preliminary results of the INTERAPNEA-Women randomised controlled trial**
Isabella Annais Vicuña Herrera, María Victoria Carneiro Barrera, Alba Camacho Cardenosa, Juan José Martín Olmedo, Marcos Molina Fernández, Luis Bañuelos Terés, Adriano Targa Dias Santos, Carolina Cubillos Zapata, María Ángeles Sánchez Quiroga, Sonia Fernández Veleado, Asier Mañas Bote, Ángel Salgado Barreira, Manuel Muñoz Torres, Ferran Barbé Illa, Jonatan Ruiz Ruiz, Almudena Carneiro Barrera
- LBP4.043** **Changes in food pattern, perception and satisfaction among people with obesity taking glp-1 receptor agonists: a prospective study**
Nancy Nakhoul, Jana Abou Rjeily, Souheil Hallit, Charbel Karam, Abdallah Chahine, Johnny Amil, Dana Sleiman
- LBP4.044** **Efficacy of a nutritional education program in improving anthropometric and biochemical parameters in patients with obesity**
Laura Larrán Escandón, Guillermo Adiego Monforte, Carlos López Pereira, María González Pacheco, Almudena Lara Barea
- LBP4.045** **Association Between GLP-1 Receptor Agonist Use and Risk of Incident Obstructive Sleep Apnoea in Adults with Type 2 Diabetes and Obesity: A Propensity Score-Matched Cohort Study using IMRD Data**
Christian Billinghurst, Luyuan Tan, Krishna Margadhamane Gokhale, Krishnarajah Nirantharakumar, Rachel Armstrong, Itohan Ebuomwan
- LBP4.046** **Obesity and vascular risk: data from a multidisciplinary obesity clinic**
Maria Margarida Andrade, Ricardo Rodrigues, Sérgio Ferreira Cristina, Joana Urzal, Tiago Neto Gonçalves, Joana Rodrigues dos Santos, Carlos Anjo, Diogo Cruz
- LBP4.047** **Combined Metabolic and Respiratory Therapy Improves Outcomes in Obese Adults with Obstructive Sleep Apnea: A One-Year Observational Study**
Camil Mihuta, Monica Simina Mihuta, Denisa Pescari, Adriana Socaci, Andreea Bena, Dana Stoian
- LBP4.048** **Parity, breastfeeding, and their combined associations with risk of type 2 diabetes**
Ga Eun Nam



LATE BREAKING POSTERS

- LBP4.049** **From Assisted Reproduction to Spontaneous Conception in the Fifth Decade Following Significant Weight Reduction: A Case Report**
Andjela Boskovic, Milina Tancic Gajic, Miomira Ivovic, Milos Stojanovic, Marija Miletic, Zorana Arizanovic, Natalija Pavlovic, Taisa Bojovic, Milica Jovanovic, Teodora Cavic, Dijana Smolovic, Veljko Pantovic, Svetlana Vujovic
- LBP4.050** **Beyond Weight Loss: Improvement of Chronic Low Back Pain in a Patient with Obesity and Seronegative Spondyloarthropathy Treated with Semaglutide**
Karla Fernanda Garcia Ravelo
- LBP4.051** **Study of the interaction between obesity, gestational diabetes and breastfeeding practices among Moroccan lactating women**
Safae Chebbaki, meryem Lazrak, Salma Azzoui, Radia Belkamel, Amina Barkat, Hassan Aguenau, Houda El Hsaini, Khalid El Kari
- LBP4.053** **Waist circumference and proarrhythmogenicity in metabolic syndrome**
Spas Ivanov Kitov, Boyan Ivanov Nonchev, Maria Florance Ivanova Kitova, Mariana Georgieva Bachelova, Ulija Georgieva Nikolova, Lyudmila Georgieva Kitova
- LBP4.054** **Unmasking the hidden cardiometabolic burden of obesity: real-life experience from a tertiary-care metabolic clinic**
Aurora Merolla, Federica Zambianco, Rebecca De Lorenzo, Valentina Vinelli, Giulia Morocutti, Simona Santoro, Agrima Karun Gera, Martina Laffranchi, Eleonora Senini, Emanuele D'angelo, Costanza Bagnati, Patrizia Rovere Querini
- LBP4.055** **Effects of time-restricted teeing combined with a low glycemic load diet on body composition and metabolic parameters in women with obesity and prediabetes**
Tomás Francisco Tale, Alejandro Dain
- LBP4.056** **Milk Protein Concentrate Supplementation Improves Anthropometric Parameters, Insulin Sensitivity, and Adipocytokine Balance in Obese Women on a Calorie-Restricted Diet: A Randomized Controlled Trial**
Mahsa Elahikhab, Fatemeh Haidari, Saman Khalesi, Hajieh shahbazian, Majid Mohammadshahi, Vahideh Aghamohammadi
- LBP4.057** **Pilot study on the efficacy of a supplement containing specific amino acids, HMB, and leucine in preserving muscle mass during GLP-1 analogue therapy combined with a personalized dietary intervention: results from an expanded cohort**
Daniela Dellepiane, Daniela Ojeda Mercado, Maria Sole Rossato, Maurizio Fadda, Chiara Lopez, Fulvio Cappelletti
- LBP4.058** **Lifestyle Modification Program with Meal Replacement for Weight Loss in People with Overweight and Obesity: A Randomized Controlled Trial**
Kittithat Taemkaew, Chaitong Churuangasuk, Hasma Kano, Peerapat Saengsuk, Panupong Puttarak, Warut Aunjitsakul
- LBP4.059** **Beyond weight loss: Microbiota-driven psychological and quality of life changes following a personalized mediterranean diet in people living with obesity**
Mehmet Umut Çapar, Can Volkan Yumuk, Sena Oren Yerli, Ali Arslan, Berkay Yekta Ekren, Osman Ugur Sezerman, Volkan Demirhan Yumuk
- LBP4.060** **Exploring the effects of calorie restriction with and without time-restricted eating on immune profiles and gut microbiota in adults at risk of type 2 diabetes**
Laurent Turner, Feargal Ryan, You Jin Chang, Xiao Teong Tong, Lijun Zhao, Athena Variji, Gary Wittert, Amy Hutchison, Stephen Blake, Leonie Heilbronn
- LBP4.061** **Effects of Dietary Models on Metabolic Flexibility in Individuals with Obesity**
Ozge Esgin, Serkan Aslan
- LBP4.062** **Impact of a structured nutritional education program on anthropometric, biochemical and body composition parameters in patients with obesity**
Mateo Gavira Isabel, López Pereira Carlos, González Pacheco María, Adiego Monforte Guillermo, Lara Barea Almudena
- LBP4.063** **Development and Application of a Smart Integrated Healthcare Service Model for Obesity-Related Disease Management in Danyang County**
Jae-Heon Kang



LATE BREAKING POSTERS

- LBP4.064** **Blinded Multi-Clinician Evaluation of Large Language Model Responses in Obesity Management: Cross-Platform Consistency and Clinical Safety**
Poyraz Doğan, Abdurrahman Sadıç, Nur Yazdali Köylü, Gülşah Yenidünya Yalın, Fulya Çalkoçlu
- LBP4.065** **Country-Specific Patterns of Acceptability, Appropriateness, and Feasibility of a Digital Obesity Prevention Platform: Results from the BETTER4ALL Seven-Country Pilot Study**
Maria Kafyra, Eva Karaglanı, Christina Patmiou, Paris Kantaras, Ioanna Panagiota Kalafati, Vasiliki Vavouraki, Panagiotis Symianakis, Eva Karaglanı, Marta Gaspar, Ana Rito, Ana Rito, Louise Seconda, Anestis Douglas, Julie Anne Nazare, Anna Ek, Ioannis Ioakeimidis, Alexis Kyriacou, Panagiota Veloudi, Constantinos Deltas, Constantinos Deltas, Vanessa Bullon Vela, Maira Bes Rastrollo, Maira Bes Rastrollo, Maira Bes Rastrollo, Paulina Krzywicka, Aleksandra Łuszczynska, Dimitrios Altéras, Chrysa Episkopou, Anastasios Delopoulos, Gianna Karanasou, Dimitris Plakas, Vera Stavroulaki, Rooholla Poursoleymani, Ioannis Papatthanail, Stavroula Mougiakakou, Christos Diou, George Dedoussis, George Dedoussis, Yannis Manios, Yannis Manios
- LBP4.066** **Efficacy and Safety of Semaglutide During Dose-Escalation: STEP 1, 3, 4, 5, 6 and 7**
Yiming Mu, Yan Yang, Xiaolei Bao, Dongmei Liu
- LBP4.067** **Exceptional Weight Loss and Hypertension Remission with Tirzepatide in a Person with Severe Obesity: A Clinical Case**
Mirjana Kardum Pejic, Josip Pejic, Irena Martinis, Nives Gojo Tomic, Srecko Marusic
- LBP4.068** **Real-World Outcomes of Tirzepatide-Based Weight Reduction Programs in Clinical Practice**
Tammy Bellerin Toribio Rivera
- LBP4.069** **Is Obesity Treatment Becoming Over-Medicalized in the Era of Incretin Therapies?**
Tammy Bellerin Toribio Rivera
- LBP4.070** **Sequential GLP-1 Receptor Agonist Therapy (Liraglutide to Semaglutide) Modulates IgG Glycosylation in Adults with Overweight and Obesity**
Andrea Skelin, Martina Matovinovic, Ivana Erceg Ivkovic, Morana Kasunic Jelic, Dario Jelic, Tomislav Bulum, Lana Postruzin Grsic, Martina Linaric, Petar Brlek, Luka Bulic, Jelena Kovacic, Danijela Klaric, Matko Fancovic, Maja Hanic
- LBP4.071** **Impact of GLP-1 versus dual GLP-1/GIP receptor agonists on physical function in adults with overweight or obesity**
Farid Salimi Shojaei, Grainne Whelehan, Louise Goff, Dimitris Papamargaritis
- LBP4.072** **Evaluation of low-dose Tirzepatide administration in adults living with obesity**
Anna Louiza Chaliasou, Maria Zotou, Vasiliki Liosi, Angeliki Kyriakou, Angeliki Angelidou, Chrysoula Koukoula, Olga Papalou, Vasiliki Antonopoulou, Sofia Georgiadi, Kalliopi Pantelia, Dimitra Sinni, Panagiotis Karageorgiou, Marinella Tzanela, Theodora Stratigou
- LBP4.073** **TQ-Im-10: a potent fully human ActRIIA/B antibody enhancing weight loss quality by preventing muscle loss and accelerating fat reduction**
Na Rong, Zheng Ping Zhang, Kai Di Zhao, Jun Guo, Han Zhou
- LBP4.074** **"Real-World Persistence and Metabolic Outcomes with Tirzepatide in Adults with Obesity"**
Mirjeta Guni, Juliana Karanxa, Monika Dede, Florian Toti
- LBP4.075** **GLP-1 Therapy Use in Healthcare Workers: Prevalence, Safety, and Impulsivity-Related Effects**
Selin Cakmak Demir, Hale Yapıcı Eser, Oğuzhan Deyneli, Dilek Yazıcı
- LBP4.076** **First report on the baseline cardiometabolic profile of older adults entering a comprehensive semaglutide intervention in Panama**
Arturo Rebolon, Paulina Lopera, Julio Effio, Dianerys Martinez
- LBP4.077** **"The prevalence of sarcopenic obesity in the elderly from the Republic of Moldova"**
Ana Popescu, Gabriela Soric, Ana Popa, Adriana Botezatu, Nicolae Bodrug, Anatolie Negara
- LBP4.078** **Elevated Activin E levels correlate with insulin resistance and metabolic dysfunction in non-human primates and adult patients with obesity and type 2 diabetes**
Jane Kerr, John Baker, Renate Koops, Grigoriy Shekhtman, Michelle Ngai, Eric Garcia Medel, Bianca Tomasini Johansson, Ran Fu, Zhi Ming Ding, James Hamilton, Rinki Murphy



LATE BREAKING POSTERS

- LBP4.079** **Gastrointestinal Tolerability of Once-Daily Oral Semaglutide 25 mg in Adults with Overweight or Obesity, and the Relationship with Weight Loss: A Post Hoc Analysis of the OASIS 4 Trial**
Domenica M. Rubino, Oscar Birkhan, Agnieszka Klimek Abercrombie, Chaithra Shaji, Minh Chau Tran, Sean Wharton
- LBP4.080** **Influence of glucagon-like peptide-1 (GLP-1) receptor agonists on eating behaviour, appetite, energy and alcohol intake in adults with overweight or obesity: a systematic review and meta-analysis**
Clarissa Dakin, Jordan D Beaumont, Beverley O'hara
- LBP4.081** **Future Trends: Emerging Energy-Based Technologies Integrated with Next-Generation Metabolic Agents**
TingSong Lim
- LBP4.082** **Effects of ultrasound and radiofrequency-based Intervention on body composition in abdominal obesity: a pilot study**
Junghwa Kim, Sol Lee, Yeo Ju Sohn, Eunjin Jeong, Insun Ryou, Miae Doo, Hyejin Chun
- LBP4.083** **How do patients choose between obesity medications: A thematic analysis**
Alvin Mondoh, Michael Crotty, Hilary Craig, Francesca Contreras, Carel W Le Roux
- LBP4.084** **Obesity and Metabolic Multimorbidity in Postmenopausal Women: A Body Composition Perspective**
Sorina Boariu, Roxana Gheorghita, Daniel Robert Paval, Alexandra Bilba, Delia Reurean Pintilei
- LBP4.085** **Gender Differences in Visceral Adiposity and Atherogenic Dyslipidemia in Patients with Obesity and Type 2 Diabetes**
Andreea Morosanu, Anca Pantea Stoian, Teodor Salmen, Daniel Robert Paval, Adina Mitrea, Magdalena Morosanu, Maria Mota, Adela Gabriela Stefan, Mihaela Vladu, Diana Clenciu, Delia Reurean Pintilei
- LBP4.086** **Wider Societal Impact Of Semaglutide In Canada**
Don Husereau, Marc Evans, Julie Hviid Hahn Pedersen, Robert King, Jamie Kettle, Matthew Hankins, Benjamin Bray, Maria Luckevich, Christopher Lübker, Soeren Mattke
- LBP4.087** **Healthcare resource utilisation and environmental implications of semaglutide in Canada**
Don Husereau, Marc Evans, Julie Hviid Hahn Pedersen, Robert King, Jamie Kettle, Matthew Hankins, Benjamin Bray, Maria Luckevich, Elisabeth De Laguiche, Soeren Mattke
- LBP4.089** **SEMAFOLLOW: design of a multicentre real-world cohort on outcomes and care pathways after semaglutide 2.4 mg in severe and complex obesity**
Najate Achamrah, Antoine Avignon, Pierre Bellassen, Marie Claude Brindisi, Claire Carette, Sebastien Czernichow, Emmanuel Disse, Benedicte Gaborit, Blandine Cherifi Gatta, Severine Ledoux, Emilie Montastier, Marie Laure Mistrih, Helena Mosbah, Sopio Tatulashvili, David Jacobi
- LBP4.090** **Life-course obesity burden and impact on complications and mortality: A real-world study**
Kamlesh Khunti, Emily Wilkes, Carole Karra, Dachuang Cao, Evgeniya Novoderezhkina, Julie Mount, Fiona Ingleby, Rosie Hulme, Will Kay, Francesco Zaccardi
- LBP4.091** **Tirzepatide is associated with greater weight loss compared to Semaglutide after 12 months of treatment of obesity: A US real-world setting study**
Carel Le Roux, Deborah Horn, Nicolae Done, Alan J.m. Brnabic, Urvi Desai, Noam Kirson, Chia Lun Liu, Zbigniew Kadzioła, Georgios K. Dimitriadis, Navneet Upadhyay
- LBP4.092** **Clinical Evidence & Case Series: Outcomes of Combination Approaches in Obesity Treatment**
Ting Song Lim
- LBP4.093** **The CARE Framework: A Multidimensional Approach to Obesity Treatment Response**
Luiz F. Viola, Cynthia M. Valerio, Bruno Halpern, Fabio R. Trujillo
- LBP4.094** **Diagnostic Value of Laboratory Markers for Iron Deficiency in Adult People with Overweight and Obesity in a Bulgarian Population**
Tzvetomila Hristova Hristova, Maria Georgieva Nikolova
- LBP4.095** **Prevalence of micronutrient deficiency in adults with class 3 obesity in an Australian outpatient metabolic program**
Duygu Lisa Sengul, Mohammad Riashad Monjur, Ritesh Chimoriya, Pamela Acosta Reyes, Kathy Grudzinskas, Nic Kormas, Milan Kumar Piya



LATE BREAKING POSTERS

- LBP4.096 Association between glucagon-like peptide-1 receptor agonists and risk of mental health disorders among people with type 2 diabetes: active comparator, new user cohort study**
Yong Ho Lee, Chungsoo Kim, Seonji Kim, Dong Yun Lee, Eugene Han, Seng Chan You
- LBP4.097 Wraparound Care for Patients with Disordered Eating**
Asive Busra Sirin Ayva, Matt Buckley, George Sanders, Sophie Edwards, Paul Gately
- LBP4.098 Onset of Atypical Anorexia Nervosa in a Patient With Obesity Treated With Tirzepatide: When Body Mass Index Is Misleading. A case report**
Lara Naletto, Maria Vittoria Dolcetti
- LBP4.099 Triglyceride-to-HDL Cholesterol Ratio as an Independent Predictor of Incident Stroke in Obese Individuals: A KoGES-Based Cohort Study**
Soo Jin Yun
- LBP4.100 GLP1R and OCT1 Variants Modulate Semaglutide and Metformin Response in Type 2 Diabetes**
Dimitar Vassilev, Maria Kalinkova, Peter Ivanov, Rene Mileva Popova, Radka Tافرadzhiyska Hadzhiolova, Teodora Handjieva Darlenska, Tanya Kadiyska
- LBP4.101 GLP-1 Receptor Agonist Exposure During Pregnancy in an Overweight Patient With Prediabetes and Hyperlipidemia: A Case Report**
Maria Teresa Lopez Favela, Marcelle Pignaneli, Rocío Salas Whalen
- LBP4.102 Visceral Adiposity Index Versus Bioimpedance Analysis - Implications in Metabolic Stratification of Type 2 Diabetes With Co-Existing Obesity**
Sorina Boariu, Roxana Gheorghita, Daniel Robert Paval, Razvan Codrin Bandac, Sabina Seserman, Andreea Morosanu, Diana Cristina Protasiewicz Timofticiuc, Delia Reurean Pintilei
- LBP4.103 Orosensory sensitivity to fat exhibits a strong association with android adiposity phenotype**
Celine Yaghi, Joanna Chalhoub, Nathalie Yaghi, Cesar Yaghi, Dina Zeidan, Naim Khan, Nassim Fares
- LBP4.104 Objectively-measured body composition trajectory clusters and their association with cardiometabolic risk beyond body mass index: longitudinal analysis in older adults**
Sergio Fresneda Genovard, María Arteaga, Jordi Salas-Salvadó, Vicente Martin, Ramon Estruch, Josep Vidal Cortada, Miguel A. Martinez-Gonzalez, J. Alfredo Martínez, Dora Romaguera, Jadwiga Konieczna
- LBP4.105 Fat Taste Sensitivity Is Associated with Mediterranean versus Western Dietary Patterns in Young Lebanese Adults**
Celine Yaghi, Dina Zeidan, Nassim Fares, Cesar Yaghi, Joanna Chalhoub, Naim Khan, Nathalie Yaghi
- LBP4.106 The Impact of Glucagon-Like Peptide 1 Receptor Agonists, and Modification LifeStyle on HbA1c, Visceral Fat Area, and Body Fat Mass in Type 2 Diabetes Mellitus Patients**
Elfina Rachmi Hanif, Willona Dea Deana
- LBP4.107 Evaluation of administering Semaglutide 2.4 mg in adult patients living with obesity with or without type 2 diabetes mellitus**
Anna Louiza Chaliasou, Maria Zotou, Vasiliki Liosi, Angeliki Kyriakou, Angeliki Angelidou, Chrysoula Koukoula, Olga Papalou, Vasiliki Antonopoulou, Sofia Georgiadi, Kalliopi Pantelia, Dimitra Sinni, Panagiotis Karageorgiou, Marinella Tzanela, Theodora Stratigou
- LBP4.108 Fatty kidney in obesity: the missing link between ectopic fat and albuminuria**
Georgiana Cristina Stoica, Ioana Livia Suliman, Nejla Dervis, Gabriel Florin Panculescu
- LBP4.109 Beneficial effects of whole-body cryotherapy on interleukin-8, glucose, and cholesterol in women in the postmenopausal period living with type 2 diabetes**
Maria Lipowska, Zuzanna Komarek, Dawid Bartoszek, Karol Bratko, Piotr Kidoń, Klaudia Boryczko, Łucja Pasternak, Magdalena Wiecek
- LBP4.110 Sex-Specific Cardiometabolic and Inflammatory Risk Patterns in Clinical Obesity: Analysis of 1134 Adults**
Zeynep Pekel, Zeynep Ekinci, Abdulmelik Fidan, Enis Akca, Alper Basar, Barkın Yigitbasi, Huseyin Dongelli, Vildan Mevsim, Metin Ozgen, Demet Yalcin Kehribar

LATE BREAKING POSTERS

- LBP4.111** **Comparison of the effects of whole-body cryotherapy on the peripheral concentration of insulin and selected adipocytokines in healthy women of different ages**
Magdalena Wiecek, Jadwiga Szymura, Justyna Kuśmierczyk, Małgorzata Lipowska, Małgorzata Kantorowicz, Zuzanna Komarek, Zbigniew Szygula
- LBP4.112** **IMPLEMENTATION OF A MULTICOMPONENT LIFESTYLE INTERVENTION PROGRAM IN CLINICAL PRACTICE: Medical Nutrition Therapy and Person-Centred Physical Activity Prescription to Reduce Cardiometabolic Risk in Abdominal Obese Individuals**
Vera Jarevska Simovska, Andrej Blagoja Simovski
- LBP4.113** **Perioperative optimization with Liraglutide (GLP1) in patients with severe obesity undergoing bariatric surgery in a public hospital in Mexico**
Octavio Avila Mercado, Erik Yusem Ledezma Morales, José Manuel Reyes-Ruiz, Sara Marín Farfán, Gustavo Martínez-Mier
- LBP4.114** **The Effects of Black Seed Oil Supplementation with a Weight-Loss Diet on Anthropometric and Biochemical Indices in Women with obesity regarding ADIPOQ (+45 T>G) and PPAR-γ2 (Pro12Ala) polymorphisms: A Randomized, Double-Blinded Controlled Trial**
Nazlı Namazi, Reza Mahdavi, Mohammad Alizadeh, Safar Farajnia
- LBP4.115** **Impact of Formal Obesity Training on Diagnostic and Therapeutic Practices Among Latin American Cardiologists**
Carolina Gomez Martin, Ezequiel Hernan Forte, Vladimir Ullauri, Carlos Ponte-Negretti, Maxima Mendez Castillo, Monica Acevedo, Osiris Valdez, Patricia Lenny Nuriulu Escobar, Augusto Lavalle Cobo, Luisa Fernanda Aguilera Mora, Giovanna Valentino, Zier Zhou, Adrian Barranchuk
- LBP4.116** **Improving care for people living with obesity: a multi-country collaborative**
Minara Chowdhury, Clara Rodriguez De Las Heras Ballell, James Innes
- LBP4.117** **Combined Norethisterone Acetate and Tirzepatide Therapy for Endometrial Hyperplasia Without Atypia in Patients With Obesity: A Prospective Study**
Mekan Orazov, Viktor Radzinsky, Roman Orekhov, Liudmila Mikhaleva
- LBP4.118** **Multimodal Prehabilitation Prior to Metabolic Surgery in Extreme Obesity (BMI ≥70): A Case from Indonesia**
Melyarna Putri, Lily Indriani Octovia
- LBP4.119** **A Practice-Oriented, Multidisciplinary Educational Model to Improve Real-World Obesity Management**
Dilek Yazici, Ozlem Celik, Bulent Okan Yildiz
- LBP4.120** **Morbid obesity and cardiovascular risk: consequences in emergency care**
Sándor Somodi, Balázs Ratku, Dóra Ujvárosy, Zoltán Szabó
- LBP4.121** **A pioneering comprehensive weight management intervention in panama: first clinical outcomes**
Arturo Rebollon, Julio Antonio Efllo, Maria Veronica Navarro, Paulina Lopera, Lucero De Icaza, Dianerys Martinez, Alexandra Abrego
- LBP4.122** **ARENAL 180: Early body composition changes during a Real-World multidisciplinary programme using incretin-based therapy and serial bioimpedance monitoring**
Beatriz Gonzalez Aguilera, Felipe Del Valle Pascual
- LBP4.123** **Comparative Diabetes Outcomes of Endoscopic Sleeve Gastroplasty and Alternative Weight-Loss Strategies in Asian Populations**
Yi-Hua Wu, Chih-Kun Huang, Wen-Yuan Lin, Cheng Chieh Lin
- LBP4.124** **Lean Mass Preservation During Semaglutide-Based Weight Reduction in Class III Obesity: A Multimodal Case Series from a Resource-Limited Setting**
Melyarna Putri, Nurul Ratna Mutumanikam
- LBP4.125** **The Relationship Between Eating Behavior and Weight in Adults Attempting to Lose Weight: An Investigation of Individuals Receiving Pharmacotherapy and Nutritional Counseling**
Pinar Coban, Mehmet Saraydin, Rukuye Aylaz



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- LBP4.126** **Title: Real-World Effectiveness and Predictors of 12-Month Persistence in a Semaglutide-Supported Digital Weight-Loss Service: A Retrospective Analysis of a German Cohort**
Louis Talay, Jason Hom, Marilyn Tan, Neera Ahuja
- LBP4.127** **A comprehensive practical review of acupoint embedding (thread implementation) as a semi-permanent acupuncture for obesity**
Amir Hooman Kazemi, Reihane Alipour, Mohammad Sadegh Adel Mehraban, Moein Jamali Dastjerdi
- LBP4.128** **The effects of acupuncture and a cuminbased herbal formula on anthropometric indices in patients with overweight: a randomized doubleblind placebocontrolled clinical trial**
Amir Hooman Kazemi, Mohammad sadegh Adelmehraban, Mehrdad Karimi, Reihane Alipour, Zahra Mirali, Haleh Ghaem, Khadijeh Mirzaei
- LBP4.129** **Utility of Minimal Effective Doses in Patinets With Obesity Treated With GLP-1 Receptor Agonist: Impact Beyong Weigth**
Silvana Di Gregorio, Luis Agustín Ramírez Stieben, Isidro Eduardo Blanco Fernandez, María Lorena Brance, Lucas Brun
- LBP4.130** **Late-Breaking Case Report: Rapid Reversal of Stage IV Sarcopenic Obesity and Respiratory Failure with Low-Dose Tirzepatide During Prolonged Critical Illness**
María Elena Jerez Arzola, Berta Román Bernal, Sonia Caballero Nuñez, Beatriz Raventós Sapiña
- LBP4.131** **Multidisciplinary Endocrine–Dietetic Care Improves Short-Term Weight Loss and Insulin Resistance: A Prospective Pilot Study**
Mariya Kalinova Kalinkova, Derya Hyusein Kandilarov
- LBP4.132** **The effect of Rosa canina supplement on liver enzymes, lipid profile, and fasting blood glucose indices in patients with non-alcoholic fatty liver disease**
Elyas Bastanifar, Vahideh Aghamohammdi, Mahsa Feizollahi
- LBP4.133** **Association between fatty liver disease with subclinical inflammation and 10-year cardiovascular disease risk in the general Korean population**
Tae Ha Chung, Myung Jae Seo
- LBP4.134** **Dysmetabolic Hyperferritinemia as a Hepatic Metabolic Stress Signal in Visceral Adiposity-Driven MASLD**
Gracia Luz Don
- LBP4.135** **Determinants of Discordance Between Ultrasonographic Hepatic Steatosis Severity and FIB-4 Risk Category in Participants With Obesity**
Zeynep Ekinçi, Abdulmelik Fi dan, Zeynep Pekel, Enis Akça, Zelihan Kafadar, Barkın Yi gi tbaşı, Hüseyin n Döngelli , Meti n Özgen, Demet Yaşın Kehri bar
- LBP4.136** **Moringa oleifera as a source of functional food ingredients: Potential role in the prevention of obesity and type 2 diabetes**
Imran Khan, Nasser Al Habsi
- LBP4.137** **Health Impacts of Oleogels: Metabolic Modulations, Current Evidence, and Clinical Limitations**
Ceylin Özten, Yasemin Çakır Gökkurt
- LBP4.138** **Microbiota-Epigenetic Signatures as Predictors of Weight-Loss Response in Precision Obesity Medicine**
Tammy Bellerlin Toribio Rivera
- LBP4.139** **Sex-Specific Considerations in Obesity Management Across the Female Lifespan**
Tammy Bellerlin Toribio Rivera
- LBP4.141** **Healthy Ready-to-Eat Meals in Urban Obesity Care: Clinical Implications, Benefits, and Practical Integration**
Nejla Dervis, Georgiana Stoica, Gabriel Florin Panculescu
- LBP4.142** **Adapting the Mediterranean Diet Using Indonesian Local Foods: Baseline Findings from an Obesity Intervention Study**
Diyah Eka Andayani, Bernadina Chyntia Carsantingrum, Vitia Ajeng, Ninik Mudjihartini, Fadilah Fadilah, Diana Sunardi
- LBP4.143** **Relationship between segmental phase angle and functional parameters in adult females with obesity**
Rosa Sammarco, Paola Alicante, Raffaele Natale, Annadora Morena, Gilda Pagano, Sara Colasanto, Luca Scalfi, Fabrizio Pasanisi, Maurizio Marra



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- LBP4.144 Beneficial effects of resveratrol supplementation on obesity and central obesity: An umbrella meta-analysis**
Sana Aftabi Yosefabad¹, Roghayeh Molani Gol, Maryam Rafraf
- LBP4.145 Novel interventions for children under the age of 11 yrs living with severe obesity: the under 11's project – southampton complications of excess weight (CEW) Service**
Elizabeth Chalk
- LBP4.146 Midwives' experiences of caring for women living with obesity during labour**
Claudine Grech, Georgette Spiteri
- LBP4.147 Obesity as a modifiable driver of cardiovascular risk in psoriasis: a scoping review**
Elnaz Hatamighoushchi, Ayşem Kaya
- LBP4.148 Association Between Cardiometabolic Drug Burden and Edmonton Obesity Staging System Stages in Individuals Living with Obesity**
Zeynep Elüstü Belten, Evin Bozkur, Deniz Eralp, Özge Şahin Kimyon, Meral Mert
- LBP4.149 Single center experience of the journey towards EASO accreditation**
Suhel Ashraff, Biborka Bereczky
- LBP4.150 Medical student and faculty perceptions of obesity education in an undergraduate medical school**
Dr Biborka Bereczky, Dr. Catherine Kellett
- LBP4.151 Real-World Effectiveness of Injectable Semaglutide in Romanian Adults with Obesity: A Favorable Body Composition Phenotype**
Daniela Stegaru, Gabriela Radulian, Doina Andrada Mihai, Stefan Diana Simona, Cristian Guja
- LBP4.152 Membrane capacitance obtained by bioimpedance spectroscopy to evaluate insulinoreistance: a pilot study**
Nadir Griene
- LBP4.153 Preferences for Obesity Medications Among People With Overweight or Obesity**
Sara Tadesse Bell, Andrea Traina, Jigish Bhavsar, Victoria Divino, Naveen Rathor, Kelley Myers
- LBP4.154 Psychosocial Burden in Genetically Confirmed Monogenic Obesity and Ciliopathy Syndromes: Single Center Experience**
Nergis Basmacı, Seda Hanife Oguz, Selcuk Dagdelen
- LBP4.155 Real World Health Related Quality of Life and Weight Outcomes with Semaglutide Monotherapy vs No Anti Obesity Treatment in People Living with Obesity (Italy)**
Silvia Bettini, F. Consolaro, S. Granato, V. Higgins, R. Meadows
- LBP4.156 Investigation of the Relationships Between Microbiota Awareness and Quality of Life in Overweight and Obese Adults**
Yaren Gökmen Yaz, Büşra Meltem Ecertaş, Zeynep Özerson, Fitnat Şule Şakar
- LBP4.157 Capturing the full health-related quality of life benefit of obesity treatment: implications of patient reported outcome measure choice**
Bart Slob, Pim van Dorst, Valerie Montpellier, Simon Nienhuijs, Lisa de Jong
- LBP4.158 Correction of gastrointestinal side effects of GLP-1 agonist therapy by modifying the intestinal microbiota in ukrainian patients with obesity and diabetes**
Olena Dobrovynska, Valeriia Orlenko, Kateryna Ivaskiva, Mykola Tronko
- LBP4.159 Overall Burden of Diabetes Mellitus: Is It Truly Affecting Quality of Life? – A Comparative Clinical and Economic Analysis Between Global and Indian Scenarios**
Yash Patel, Mayur Patel, Sushil Patel, Kush Patel, Ina Patel
- LBP4.160 Improved Quality of Life With CagriSema in People with Overweight or Obesity and Poor Physical Function at Baseline: A Post Hoc Analysis of the REDEFINE 1 Trial**
Domenica M. Rubino, Jaime P. Almandoz, Christine Poitou, Tobias Freyberg Justesen, Ronette L. Kolotkin, Cindy Paul, Lisa Von Huth Smith, Zara Rebecca Stisen, Niels Zeuthen, Kirsi H. Pietiläinen
- LBP4.161 Sarcopenia in Older Adults with Type 2 Diabetes and Obesity: Body Composition Correlates**
Ramona Danalache, Roxana Gheorghita, Robert Paval, Sorina Boariu, Delia Reurean Pintilei



LATE BREAKING POSTERS

- LBP4.162** **When Obesity Meets Muscle Loss: Body Composition Phenotypes and Frailty Vulnerability in Aging Diabetes**
Anh Ngoc Trinh, Hoa Dinh, Loc Quang Pham, Hung Quoc Ha, Tam Nguyen, [Huyen Vu](#)
- LBP4.163** **E-health interventions for the management of sarcopenic obesity: a scoping review**
Mette Nørtoft, Signe Graungaard, Gideon Onyedikachi Itheme, Vasiliki Karagianni, [Rebeka Berezcky Veress](#), Lars Ellegaard, Anne Marie Boström
- LBP4.164** **Management of sarcopenic obesity through exercise and mediterranean diet: a scoping review**
[Drissa Diarra](#), Meryem Lazrak, Khalid El Kari, Amina Barkat, Baha Rabi, Abdelaziz Benjouad, Hassan Aguenau, Houda El Hsaini
- LBP4.165** **Weight gain and sarcopenic obesity in women with breast cancer undergoing adjuvant chemotherapy**
Aichetou Bouh, Slimane Mehdad, Saber Boutayeb, [Hassan Aguenau](#)
- LBP4.166** **Impact of Weight Self-Stigma on Depression and Healthcare-Seeking Behavior in the Japanese General Population: A Web-based Structural Equation Modeling Study**
[Karin Hayashi](#), Kozue Hashi, Ken Ichiro Koyama, Nozaki Takehiro, Nozaki Takehiro
- LBP4.167** **Circadian misalignment as a contributor to weight regain after sleeve gastrectomy: a case-based hypothesis**
[Amani Alfarraj](#)
- LBP4.168** **Effects of Abdominal Obesity on Pulmonary Function in Apparently Healthy Adults: A Systematic Review**
[Rasa Beheshiti](#), Roghayeh Molani Gol, Maryam Rafraf
- LBP4.169** **Hidden cardiovascular risk in obese adults with normal routine parameters: association of waist-to-height ratio with carotid IMT and hepatic steatosis**
[Juliana Karanxha](#), Mirjeta Guni, Monika Dede, Nereida Xhabija, Iris Mone