

Obesity: Etiology, Prevention, and Treatment 2024

Session 1a

Obesity Pathophysiology: Treating the Chronic Disease of Obesity

Tamas Horvath, DVM, PhD

Jean and David W. Wallace Professor of Comparative Medicine, Professor of Neuroscience and of Obstetrics, Gynecology, and Reproductive Sciences, Chair of Comparative Medicine
Yale School of Medicine

Genetics of Obesity

Rudolph L Leibel, MD

Christopher J. Murphy Memorial Professor of Diabetes Research, Professor of Pediatrics and Medicine, Head of Division of Molecular Genetics
Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center

Epidemiology and Health Risks of Obesity

Louis J Aronne, MD, FACP, FTOS, DABOM

Medical Director, Sanford I Weill Professor of Metabolic Research
Comprehensive Weight Control Center, Weill Cornell Medicine

Obesity Complications and Co-Morbidities

Anthony Ferrante, MD, PhD

Tilden-Weger-Bieler Professor of Medicine, Chief of Preventive Medicine & Nutrition
Columbia University Irving Medical Center

The Interplay Between Fatty Liver and Cardiovascular Disease

Carlos Fernandez-Hernando, PhD

Anthony N Brady Professor of Comparative Medicine and Pathology, Director of Vascular Biology & Therapeutics Program
Yale University School of Medicine

Session 1b

Carbs, Calories, or Quality: What Matters Most for Body Weight?

Kevin Hall, PhD

Senior Investigator, Integrative Physiology Section Chief
National Institute of Diabetes and Digestive and Kidney Diseases, NIH

Food Order/Nutrient Sequence: Physiological Effects and Therapeutic Implications

Alpana Shukla, MD, MRCP(UK), FTOS

Associate Professor of Research in Medicine, Director of Clinical Research
Weill Cornell Medical College, Comprehensive Weight Control Center at Weill Cornell Medicine

Diet - More than Just What's On the Plate: Implications for Meal Timing and Frequency

Marie-Pierre St-Onge, PhD, CCSH, FAHA

Associate Professor of Nutritional Medicine, Director of Sleep Center for Excellence
Columbia University Irving Medical Center

Nutrition Recommendations for Adults with Obesity

Heather Seid, DCN, RDN

Bionutrition Research Core Program Manager

Irving Institute for Clinical and Translational Research, Columbia University Irving Medical Center

The Role of Physical Activity in Obesity Management

Keith Diaz, PhD

Florence Irving Associate Professor of Behavioral Medicine (in Medicine)

Columbia University Irving Medical Center

Obesity: Why is it So Hard to Keep Weight Off?

Michael Rosenbaum, MD

Professor Emeritus & Special Lecturer in Pediatrics & Medicine, Associate Director of CTSA

Session 2a

Women's Health and Obesity

Rekha Kumar, MD, MS, DABOM

Associate Professor of Clinical Medicine

Weill Cornell Medicine

Childhood Obesity and the Associated Rise in Metabolic Complications

Sonia Caprio, MD

Professor of Pediatrics in Endocrinology

Yale School of Medicine

AM An Ounce of Prevention: A Brief Family-Centered Approach to the Obesity Counseling in Pediatric Care

Eugene Dinkevich, MD, FAAP, DABOM

Associate Professor of Clinical Pediatrics, Director of Division of Genetics and Pediatrics

SUNY Health Sciences University

Pharmacotherapy for Obesity in Youth

Aaron Kelly, PhD

Professor of Pediatrics, Auxiliary Chair in Children's Health, Co-Director of Minnesota American Legion Center for Pediatric Obesity Medicine, University of Minnesota Medical School

Claudia Fox, MD, MPH, FAAP, DABOM

Associate Professor, Co-Director of Center for Pediatric Obesity Medicine

Department of Pediatrics, University of Minnesota

New Rules and New Tools: Pediatric Metabolic and Bariatric Surgery

Jeffrey Zitsman, MD
Professor of Surgery
Columbia University Irving Medical Center

Pediatric Metabolic-Associated Fatty Liver Disease (MAFLD)

Ali A Mencin, MD
Chief of the Division of Pediatric Gastroenterology, Hepatology, and Nutrition, Director of Pediatric Endoscopy, Director of Pediatric NAFLD Clinic, Associate Professor of Pediatrics
Columbia University Irving Medical Center

Pediatric Case Presentations

Cynthia Akagbosu, MD, DABOM
Clinical Instructor, Bariatric Endoscopy & Obesity Medicine Fellow
NewYork-Presbyterian/Weill Cornell Medicine

Alyson Weiner, MD
Assistant Professor of Pediatrics
Weill Cornell Medicine

Session 2b

Overview of the Medical Assessment of Adult Obesity

Sarah Barenbaum, MD, DABOM
Assistant Professor of Clinical Medicine, Assistant Attending Physician
NewYork-Presbyterian/Weill Cornell Medicine

The Landscape of Behavioral Interventions in Obesity Medicine

Ariana Chao, PhD, CRNP, FNP-BC, RN
Associate Professor
School of Nursing, Johns Hopkins University

Setting Up a Weight Management Clinic, Including Insurance & Reimbursement Strategies

Jamie Mullally, MD, DABOM
Associate Professor
New York Medical College

How Bias and Stigma Influence the Outcomes of Obesity Prevention and Treatment

Ted Kyle, RPh, MBA
Founder
ConscienHealth

Session 3a

Nutrient-stimulated Hormone-based Medications for Treating Obesity: Sparks From the Pipeline

Ania Jastreboff, MD, PhD
Associate Professor of Medicine (Endocrinology), Director of Yale Obesity Research Center (Y-Weight)
Yale School of Medicine

On-label Pharmacological Approaches to Obesity

Katherine Saunders, MD, DABOM
Clinical Assistant Professor of Medicine
Weill Cornell Medicine

Off-label Pharmacotherapy for Obesity

Tirissa Reid, MD, DABOM
Associate Professor of Medicine
Columbia University Irving Medical Center

Side Effects of Pharmacological Treatment and Their Management

Judith Korner, MD, PhD, DABOM
Professor, Department of Medicine, Division of Endocrinology
Director of the Metabolic and Weight Control Center
Columbia University Irving Cancer Research Center
Chair of the American Board of Obesity Medicine

Pharmacotherapy-based Cases

Robert Gaffey, MD
Obesity Medicine Fellow, Instructor in Medicine
Weill Cornell Medicine

Afua Takyi, MD, MS, MBS, MPH, MSCR
Clinical Instructor in Medicine
Weill Cornell Medical College

Session 3b

Sleep and Obesity: Altering Energy Balance

Marie-Pierre St-Onge, PhD, CCSH, FAHA
Associate Professor of Nutritional Medicine, Director of Sleep Center for Excellence
Columbia University Irving Medical Center

Sleep Apnea and Obesity

Ari Shechter, PhD
Assistant Professor of Medical Sciences (in Medicine)
Columbia University Irving Medical Center

Eating Disorders and Obesity

Ariana Chao, PhD, CRNP, FNP-BCRN
Associate Professor
School of Nursing, Johns Hopkins University

Stress and Obesity: Behavioral and Appetitive Influences

Rachel Radin, PhD
Assistant Professor of Psychiatry
University of California San Francisco School of Medicine

Session 4a

The Role of the Gut in the Etiology and Treatment of Metabolic Disease

Randy Seeley, PhD

Henry K. Ransom Endowed Professor of Surgery, Internal Medicine, and Nutritional Sciences
University of Michigan Medical School

Weight-loss Surgery: Procedures and Outcomes and Pre/Post-operative Processes

Abraham Krikhely, MD, FACS, FASMBS

Professor of Surgery, Chief of the Division of Minimally Invasive and Weight Loss Surgery
Columbia University Irving Medical Center

Overview of Complications of Bariatric Surgery

Gregory Dakin, MD

Associate Professor of Surgery, Chief of GI, Metabolic, & Bariatric Surgery
Weill Cornell Medicine

Bariatric Endoscopy

Reem Sharaiha, MD, MSc

Assistant Professor of Medicine
Weill Cornell Medicine

Nutrient Metabolism and Obesity: Special Considerations After Bariatric Surgery

Jeffrey Mechanick, MD, FACP, MACE, FACN, ECNU

Professor of Medicine, Cardiology & Endocrinology, Diabetes & Bone Disease
Icahn School of Medicine at Mount Sinai

Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)

Sonal Kumar, MD, MPH

Director of General Gastroenterology and Hepatology and ICHANGE, Assistant Professor of Medicine
Weill Cornell Medicine

Session 4b

Beyond BMI: Strategies to Optimize Clinician-supported Weight Loss Plans

Eugene Lucas, MD

Assistant Medical Director of Clinical Information Services, Weight Management Specialist
Weill Cornell Medicine

Advanced Cases I

Sarah Schmitz, MD

Obesity Medicine Specialist
NewYork-Presbyterian/Weill Cornell Medicine

Babak Orandi, MD, PhD, MSc, FACS, DABOM

Transplant Surgeon, Obesity Medicine Specialist
NYU Langone Health

Advanced Cases II

Jamie Almandoz, MD, MBA, FTOS, DABOM

Associate Professor of Medicine, Medical Director of Weight Wellness Program
UT Southwestern Medical Center

Beverly Tchang, MD, DABOM

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NewYork-Presbyterian/Weill Cornell Medicine

Obesity Medicine Certification Overview

Josie Burke

Director of Physician Relations
American Board of Obesity Medicine