Rome has historically provided a “forum” for debates. This time it is to discuss metabolic surgery for type 2 diabetes, its role as a therapeutic option and its implications for diabetes research and public health. Surgeons, endocrinologists, family physicians, scientists, public policy experts and journalists all are welcome.

**Diabetes: When is it time for Surgery?**

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**TOPICS**

- Epidemiology of diabetes and obesity in Europe
- Clinical outcomes of bariatric/metabolic surgery
- Mechanisms of surgical control of diabetes
- The role of the endocrinologist in metabolic surgery
- Conventional and novel gastrointestinal procedures
- Clinical trials in diabetes surgery
- Cost-effectiveness of metabolic surgery and the public health perspective
A substantial body of evidence shows that bariatric/metabolic surgery can induce dramatic improvement in type 2 diabetes, often resulting in long-term remission of hyperglycemia, thereby providing a promising therapeutic option and a new lead to the root causes of the disease.

Given its dramatic clinical benefits, it is important that metabolic surgery becomes timely accessible to eligible patients. At the same time, it is imperative to recognize the experimental nature of this phase and promote a scientific, safe and orderly development of the field. As a cost-effective therapeutic option metabolic surgery has also important implications for public health. Not surprisingly, the interest for this emerging field is rapidly growing in the scientific community and among the public at large.

The Diabetes Surgery Center at Weill Cornell Medical College-New York Presbyterian Hospital (DSC) is committed to promote a scientifically sound development of metabolic/diabetes surgery in the USA and worldwide. In addition to sponsoring the World Congress on Interventional Therapies for Type 2 Diabetes (whose second edition will be held in New York City on March 28-30, 2011), the DSC promotes an International program with a series of small, interactive workshops aimed at raising awareness of diabetes surgery and fostering regional collaborations between endocrinologists, surgeons, scientists and policy makers in Europe, Asia-Pacific, and South America. Such workshops are organized in conjunction with other prestigious academic institutions.

The First European Workshop on Metabolic Surgery for Type 2 Diabetes is the inaugural event of this educational program and is co-sponsored by the Catholic University of Rome, Italy and the Imperial College, London, UK.

The workshop is a comprehensive and multidisciplinary meeting where European and international leaders will review and critically discuss the latest scientific data with a focus on the status of diabetes care in Europe and the role and potential impact of metabolic/diabetes surgery in European countries. Together, we will try to craft an agenda of health policy initiatives and seize the opportunity offered by metabolic surgery for both the care and the understanding of diabetes.

On behalf of all the organizers of the workshop and myself, I invite you to join us in this exciting scientific meeting and enjoy the Eternal City during one of the best times of the year.

Francesco Rubino, MD
Director Diabetes Surgery Center
Weill Cornell Medical College-New York Presbyterian Hospital
New York, New York
Metabolic Surgery: A disease-based multidisciplinary effort?

The modern care of obese and diabetic patients is moving towards a multi-disciplinary approach involving endocrinologists, nutritionists, gastrointestinal metabolic surgeons, cardiologists, psychologists and other support professionals. This educational workshops aims at fostering collaboration between health care professionals across medical specialties.

SPEAKERS

GEORGE ALBERTI (UK)
Chair of Diabetes UK, Senior Research Fellow at Imperial College, Emeritus Professor of Medicine at the University of Newcastle

STEPHANIE AMIEL (UK)
RD Lawrence Professor of Diabetic Medicine at King’s College London; Clinical Consultant Diabetologist at King’s College Hospital

MARCO ANSELMINO (ITALY)
Director of Bariatric Surgery Unit Azienda Ospedaliera Universitaria Pisana

NICOLA BASSO (ITALY)
Full Professor of Surgery, Università degli Studi di Roma “La Sapienza”; President of the Italian Society of Obesity Surgery

MARCO CASTAGNETO (ITALY)
Chairman of the Department of Surgery, Catholic University School of Medicine of Rome Chief of the Division of General Surgery and Organ Transplantation, University Hospital Policlinico Gemelli

FRANCESCO CAVAGNINI (ITALY)
Head of the Department of Endocrinology, Ospedale San Luca Istituto Auxologico Italiano Chair of Endocrinology, University of Milan

JM CHEVALLIER (FRANCE)
Director of the Bariatric Surgery Unit Department of Digestive Surgery, Hôpital Européen Georges Pompidou, University Paris 5

AMERICO CICCHETTI (ITALY)
Professor of Management and Faculty of Economics Scientific Director of the Master Program in Health Care Management, Catholic University of Rome Chief of Research of the Health Technology Assessment Unit, “A. Gemelli” University Hospital

RICARDO COHEN (BRAZIL)
Co-Director, The Center for the Surgical Treatment of Morbid Obesity and Metabolic Disorder Hospital Oswaldo Cruz

DAVID CUMMINGS (USA)
Professor of Medicine, Division of Metabolism, Endocrinology, and Nutrition University of Washington School of Medicine

FREDERIC DAoud (FRANCE)
Epidemiologist, Biostatistics & Clinical Data Management, Medalliance Consulting Inc.
Can we recognize a cure when we see one?

Recently, the American Diabetes Association asked an international panel of experts how to define cure of diabetes. *A position statement was published in Diabetes Care on February 2009 with criteria for the definition of remission/cure of diabetes.

*Buse et al (Diabetes Care, 2009; 32(11):2133-5)
WORKSHOP PROGRAM

Monday September 27, 2010
8:00am–6:00pm

8:00am – 8:20am: Welcome and Introduction
  • Paolo Magistrelli – Dean, Universita Cattolicá Del Sacro Cuore
  • Marco Castagneto – Chairman of Surgery, Universita Cattolicá Del Sacro Cuore

Introduction: The Weill Cornell Medical College-DSC International Educational Program and the European Workshop on Metabolic Surgery
  • Francesco Rubino – Director, WCMC/NYP Diabetes Surgery Center

EPIDEMIOLOGY AND PATHOPHYSIOLOGY
Chairmen: Alfredo Pontecorvi, Marco Castagneto
8:20am – 8:35am: Epidemiology of Diabetes and Obesity in Europe
  • George Alberti (UK)

8:35am – 8:50am: Pathophysiology of Type 2 Diabetes
  • Stefano Del Prato (Italy)

8:50am – 9:05am: Current Medical Therapies of T2DM: Overview
  • Stephanie Amiel (UK)

MECHANISMS OF SURGICAL CONTROL OF DIABETES
Chairmen: Stefano Del Prato, Jacques Himpens
9:15am – 9:30am: Overview of surgical anatomy of bariatric/metabolic surgery
  • Alfons Pomp (USA)

9:30am – 9:45am: The GI tract and the physiologic regulation of appetite, satiety and body weight
  • David Cummings (USA)

9:45am -10:00am: The GI tract and the physiologic regulation of glucose homeostasis
  • Jens Juul Holst (DENMARK)

Q&A- 5 min

10:05am – 10:20am: The effect of Bariatric/Metabolic Operations on Gut Hormones
  • Jens Juul Holst (DENMARK)

10:20am – 10:35am: The effect of Bariatric/Metabolic Operations on Insulin Secretion
  • Geltrude Mingrone (ITALY)
WORKSHOP PROGRAM (continued)

Monday September 27, 2010

10:35am – 10:50am: The effect of Bariatric/Metabolic Operations on Insulin Resistance
• Carel le Roux (UK)

10:50am – 11:05am: The effect of Bariatric/Metabolic Operations on Taste, Food choices and Energy Expenditure
• Carel le Roux (UK)

Q&A (11:05am – 11:15am)

Coffee Break: 11:15am -11:45am

PROCEDURE-SPECIFIC MECHANISMS OF ACTION:
11:45am – 12:00pm: Mechanisms of action of Sleeve Gastrectomy –
• Josep Vidal (SPAIN)

12.00pm – 12:15pm: Mechanisms of action of Gastric Banding
• Antonio Pontiroli (ITALY)

12:15pm – 12:30pm: Mechanisms of action of Bypass Procedures
• Lee Kaplan (USA)

12:30pm-12:40pm: Q&A

12:40pm-1:10pm: POSTER PRESENTATION
Moderators: Paolo Gentileschi (ITALY), Frida Leonetti (ITALY)

1:15pm-2:15pm: Lunch Break

SUMMARIZING THE EVIDENCE OF MECHANISMS OF ACTION
2:15pm-2:30pm: Weight-Independent mechanisms of diabetes control: weighing the evidence
• David Cummings (USA)

2:30pm-2:45pm: Beyond Proximal vs Distal Mechanisms: A unifying hypothesis on mechanisms of surgical control of diabetes
• Francesco Rubino (USA/ITALY)

2:50pm-3:30pm: PANEL DISCUSSION: Implications of Mechanistic Research: From Bench to Bedside
Chairmen: Stefano Del Prato, Jacques Himpens
Panelists: Stefano Del Prato (ITALY), Luc Van Gaal (BELGIUM), Geltrude Mingrone (ITALY), Roberto Vettor (ITALY), Gabriele Riccardi (ITALY), Francois Pattou (FRANCE), Ricardo Cohen (BRAZIL)

3:30pm-3:50pm: Coffee Break

CLINICAL OUTCOMES OF BARIATRIC/METABOLIC SURGERY 1
Weight Loss, Diabetes and Metabolic Control in Patients with BMI > 35
Chairmen: Philip Schauer (USA), Harold Lebovitz (USA)
3:50pm-4:05pm: Bariatric Surgery and Weight Control:
• Overview: Lars Sjöström (SWEDEN)

4:05pm-4:20pm: Bariatric Surgery and Diabetes Control:
• Overview: Philip Schauer (USA)

4:20pm-4:35pm: RYGB
• Francois Pattou (FRANCE)

4:35pm-4:50pm: BPD
• Jacques Himpens (BELGIUM)

4:50pm-5:05pm: Gastric Banding
• Jean Marc Chevallier (FRANCE)

5:05pm-5:20pm: Sleeve Gastrectomy
• Antonio Lacy (SPAIN)

5:20pm-5:35pm: Endoluminal Sleeve
• Lee Kaplan (USA)

5:35pm-5:50pm: Intragastric Balloon
• Alfredo Genco (ITALY)

5:50pm-6:05pm: Pacing/GI Electric Stimulation
• Harold Lebovitz (USA)

6:05pm-6:35pm: PANEL DISCUSSION:
Surgery for the Severely Obese Diabetic Patient: Choice of Intervention and Recommendations for Perioperative Management
Chairmen: Phil Schauer (USA) – Harold Lebovitz (USA)
Panelists: Stephanie Amiel (UK), Antonio Pontiroli (ITALY), Nicola Basso (ITALY), Mario Morino (ITALY), Rudolf Weiner (GERMANY), Roberto Taccino (ITALY)
What does the gut tell you?

The GI tract is the most important endocrine organ in the body and communicates with peripheral organs via many peptides and neural signals ultimately regulating appetite/satiety as well as insulin secretion and action. This workshop will present an update on the latest research on mechanisms of action of gastrointestinal metabolic surgery and discuss the potential role of the gut in obesity and diabetes.

WORKSHOP PROGRAM

Tuesday, September 28, 2010
8:00am – 5:20pm

CLINICAL OUTCOMES OF BARIATRIC/METABOLIC SURGERY 2
Diabetes and Metabolic Control in Patients with BMI < 35
Chairmen: Gabriele Riccardi (ITALY) - Philip Schauer (USA)

8:00am-8:15am: RYGB
• David Cummings (USA)

8:15am-8:30am: BPD
• Giuseppe Nanni (ITALY)

8:30am-8:45am: Novel anti-diabetes procedures (DJB, IT)
• Ricardo Cohen (BRAZIL)

8:45am-9:00am: Sleeve Gastrectomy
• Nicola Basso (ITALY)

9:00am-9:15am: Gastric Banding
• Antonio E. Pontiroli (ITALY)

9:15am-9:45am: Q&A + PANEL DISCUSSION:
Should BMI be the main clinical criteria for patient’s selection?
Chairmen: Gabriele Riccardi (ITALY), Philip Schauer (USA)
Panelists: Desmond Johnston (UK), Harold Lebovitz (USA), Roberto Vettor (ITALY), Ricardo Cohen (BRAZIL), Marco Castagneto (ITALY), Marco Anselmino (ITALY)

METABOLIC SURGERY: WEIGHING RISKS and BENEFITS
Chairmen: Francois Pattou (FRANCE), Roberto Vettor (ITALY)

9:45am-10:00am: Safety of bariatric/metabolic surgery: overview
• Mario Morino (ITALY)

10:00am-10:15am: Procedure-specific mortality and morbidity
• Rudolf A. Weiner (GERMANY)

10:15am-10:30am: Mortality reduction by Bariatric/Metabolic Surgery:
The SOS study
• Torsten Olbers (SWEDEN)

10:30am-10:45am: Surgery vs Medical Treatment of Diabetes:
Different Approaches, Different Risks
• Luc Van Gaal (BELGIUM)

10:45am-10:55am: Q&A
Tuesday, September 28, 2010

Coffee Break: 10:55am-11:15am

11:15am-11:45am: PANEL DISCUSSION: Diabetes Surgery: When is the Benefit Worth the Risk?
Chairmen: Francois Pattou (FRANCE), Roberto Vettor (ITALY)
Panelists: Gabrielle Riccardi (ITALY), Stefano Del Prato (ITALY), George Alberti (UK), Marco Anselmino (ITALY), Nicola Basso (ITALY), Alfons Pomp (USA)

METABOLIC SURGERY FOR DIABETES: THE ROLE OF THE ENDOCRINOLOGIST
Chairmen: Francesco Rubino (USA/ITALY), Stephanie Amiel (UK)

11:45am-12:00pm: Status of Diabetes Care in Europe
• George Alberti (UK)

12:00pm-12:15pm: Metabolic Surgery: a multidisciplinary approach for diabetes care
• Desmond Johnston (UK)

Q&A: 12:15pm-12:20pm

12:20pm-12:50pm: PANEL DISCUSSION: The Role of the Endocrinologists in Metabolic Surgery: Before and After the Operation
Chairmen: Francesco Rubino (USA/ITALY) – Stephanie Amiel (UK)
Panelists: Geltrude Mingrone (ITALY), Harold Lebovitz (USA), Josep Vidal (SPAIN), Ricardaro Cohen (BRAZIL), Francesco Cavagnini (ITALY), Roberto Vettor (ITALY)

Lunch Break: 12:50pm-1:50pm

CLINICAL TRIALS IN DIABETES SURGERY
Chairmen: Philip Schauer (USA), Carel le Roux (UK)

1:50pm-2:05pm: Clinical Trials: limitations and challenges for study design
• Francesco Rubino (USA/ITALY)

2:05pm-2:35pm: PANEL DISCUSSION: What type of Clinical Trials should be prioritized in Diabetes Surgery?
Chairmen: Philip Schauer (USA), Carel le Roux (UK)
Panelists: Desmond Johnston (UK), Harold Lebovitz (USA), Mario Morino (ITALY), Antonio Lacy (SPAIN), Lars Sjöström (SWEDEN)

RECOMMENDATIONS/GUIDELINES IN DIABETES SURGERY
Chairmen: Alfons Pomp (USA), Stefano Del Prato (ITALY)

2:35pm-2:50pm: NIH, DSS and ADA Guidelines
• Philip Schauer (USA)

2:50pm-3:20pm: PANEL DISCUSSION: Recommendations/Guidelines in Diabetes Surgery
Panelists: Lee Kaplan (USA), David Cummings (USA), George Alberti (UK), Luc Van Gaal (BELGIUM), Gabrielle Riccardi (ITALY), Marco Castagneto (ITALY)

Coffee Break: 3:20pm-3:40pm

COST-EFFECTIVENESS OF DIABETES SURGERY/PUBLIC HEALTH PERSPECTIVE IN EUROPEAN COUNTRIES
Chairmen: Francesco Cavagnini (ITALY) - Antonio Lacy (SPAIN)

3:40pm-3:55pm: Cost of Diabetes in Europe
• David Whiting (BELGIUM)

3:55pm-4:10pm: Cost - Effectiveness of Metabolic/Bariatric Surgery:
• Frederic Daoud (FRANCE)

Q&A: 16.10-16.15

4:15pm-5:15pm: PANEL DISCUSSION: Metabolic Surgery for Diabetes: The Public Health Perspective
Chairmen: Francesco Cavagnini (ITALY), Antonio Lacy (SPAIN)
Panelists: Marco Anselmino (ITALY), JM Chevallier (FRANCE), Desmond Johnston (UK), Americo Ciccetti (ITALY), Policy makers

5:15pm-5:20pm: Conclusions and remarks

5:20pm: Adjourn
REGISTRATION

To register online, visit our website at www.cornellsurgery.org/metabolic

To register by mail, contact Tina Chuck at
metabolicsurgery@med.cornell.edu or (212)746-5725.

REGISTRATION FEE
Early Registration (till July 1, 2010)…… $300
Regular Registration Fee......................$350

• Contact the Diabetes Surgery Center to ask about discounted rates for medical and nursing student

CANCELLATION POLICY
A written request must be made and postparked by 8/15/2010 in orer to get a full refund if you wish to cancel; a $70 USD administrative fee will be charged on all cancellations postmarked after 8/15/2010. Please note that for organizational purposes we will not be able to offer a refund after 9/10/2010. Tel: 212-746-5725 • Fax 212-746-4120
ACCODMODATIONS

Courtyard by Marriot Rome Central Park  
Via Moscati, 7  
00168 Roma  
Tel. +39 06 355 74 853 • Fax +39 06 301 79 44  
• 130 Euros/night for double occupancy  
• 160 Euros/night for single occupancy  
Please email emiliana.parlini@hotelcentralparkroma.com and refer to the  
“European Workshop on Metabolic Surgery for Type 2 Diabetes” to apply  
for special rates.
There are many signs of progress in this fight for a cure. Thanks to all who have endorsed this workshop.

UNDER THE AUSPICES OF:

Società Italiana di Chirurgia dell’Obesità e Malattie Metaboliche (Italian Society of Bariatric and Metabolic Surgery)

Società Italiana di Diabetologia (Italian Diabetes Society)
The Diabetes Surgery Center Educational Program is supported by an unrestricted educational grant from:

Covidien

Any questions or suggestions?

Please call us, if you have questions or suggestions to improve or educational workshops. Hope you’ll be able participate in the first European workshop on metabolic surgery for type 2 diabetes. It’s brought to you by the Diabetes Surgery Center at Weill Cornell-New York Presbyterian Hospital, in collaboration with Universita Cattolica (Italy) and the Imperial College (UK)

SPONSORS

This European Workshop on Metabolic Surgery for Type 2 Diabetes is sponsored by:

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CONTACT US

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