14th Annual

Endocrinology & Metabolism Board Review 2011

September 9 – 11, 2011

InterContinental Hotel and Bank of America Conference Center
Cleveland, Ohio

Activity CoDirectors

Peter A. Singer, MD, FACE
Professor of Clinical Medicine
Chief, Clinical Endocrinology
Keck School of Medicine
University of Southern California
Los Angeles, CA

Robert S. Zimmerman, MD, FACE
Director, Cleveland Clinic Diabetes Center
Vice Chairman Endocrinology
Department of Endocrinology, Diabetes and Metabolism
Cleveland Clinic
Cleveland, OH

Register Today! www.ccfcme.org/EndoReview11
COURSE OVERVIEW
The Cleveland Clinic Center for Continuing Education and the Endocrinology and Metabolism Institute presents the 14th Annual Endocrinology & Metabolism Board Review 2011. This educational activity will provide participants with an intensive review of endocrinology and metabolism that is also helpful as preparation for the endocrine board certification examination.

TARGET AUDIENCE
Directed to practicing endocrinologists and other physicians with an interest in endocrinology, metabolism, and diabetes.

LEARNING OBJECTIVES
After completing this educational activity, the participant will be able to do the following:
• Describe diabetes control and complications;
• Interpret tests to evaluate hypo- and hyperadrenalism and apply the results to endocrine hypertension;
• Analyze thyroid tests and apply results to thyroid disorder management;
• Review evaluation and treatment of osteoporosis and calcium disorders;
• Appraise patients with hypogonadism and pituitary disorders;
• Diagnose important pediatric endocrine disorders;
• Evaluate endocrine disorders during pregnancy;
• Identify genetic disorders in endocrinology;
• Discuss the indications and consequences of new interventional therapeutic procedures;
• Simulate board certification questions and answers.

ACTIVITY CODIRECTORS
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Department of Endocrinology, Diabetes and Metabolism
Cleveland Clinic
Cleveland, OH

GUEST FACULTY
H. Bryan Brewer, Jr, MD
Director, Washington Cardiovascular Associates
Senior Research Consultant
Lipoprotein and Atherosclerosis Research
Cardiovascular Research Institute
Washington Hospital Center
Washington, DC

Col. Henry Burch, MD
Chief, Thyroid Section
Walter Reed National Military Medical Center
Professor of Medicine and Chair, Endocrinology Division
Uniformed Services University of the Health Sciences
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Hossein Gharib, MD, MACP, MACE
Past President, AACE and ACE
Professor, Mayo Clinic College of Medicine
Rochester, MN

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Chief, Division of Endocrinology and Diabetes
The Children's Hospital of Philadelphia
Philadelphia, PA

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Division of Endocrinology, Metabolism and Molecular Medicine
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Northwestern University
Chicago, IL

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Director, Division of Endocrinology
MetroHealth Medical Center
Associate Professor of Medicine
Case Western Reserve University School of Medicine
Cleveland, OH

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Assistant Professor of Medicine
Division of Endocrinology
Department of Medicine
Stony Brook University Hospital
Stony Brook, NY

Joseph Verbalis, MD
Chief, Division of Endocrinology and Metabolism
Professor of Medicine
Georgetown University Medical Center
Washington, DC

William F. Young, Jr, MD, MSc
Professor of Medicine
Mayo Clinic College of Medicine
Mayo Clinic Endocrinology Clinical Professor and Director
Division of Endocrinology, Diabetes, Metabolism, Nutrition and Internal Medicine
Mayo Clinic
Rochester, MN

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AACE Board of Directors
Consultant in Endocrinology/Medical Director
Endocrine, Diabetes and Osteoporosis Clinic (EDOC)
Sterling, VA

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Professor of Pediatrics
Head, Division of Endocrinology
Feinberg School of Medicine
Northwestern University
Children's Memorial Hospital
Chicago, IL
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Section Head
Pediatric and Adolescent Gynecology
Obstetrics/Gynecology and Women’s Health Institute

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Endocrinology and Metabolism Institute

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Endocrine, Immunology and Cancer Markers Laboratory
Pathology and Laboratory Medicine Institute

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Codirector
Pediatric Endocrine Fellowship Program
Pediatric Institute

Phillip Hall, MD
Department of Nephrology/Hypertension
Glickman Urological and Kidney Institute

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Endocrinology and Metabolism Institute

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Department of Endocrinology, Diabetes and Metabolism
Endocrinology and Metabolism Institute

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Chairman
Department of Endocrinology, Diabetes and Metabolism
Endocrinology and Metabolism Institute

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Department of Endocrinology, Diabetes and Metabolism
Endocrinology and Metabolism Institute

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Department of Endocrinology, Diabetes and Metabolism
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Adi Mehta, MD
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Leann Olansky, MD, FACE
Department of Endocrinology, Diabetes and Metabolism
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S. Sethu K. Reddy, MD, MBA, FACP, MACE
Department of Endocrinology, Diabetes and Metabolism
Endocrinology and Metabolism Institute

Douglas Rogers, MD
Section Head, Pediatric and Adolescent Endocrinology
Pediatric Institute

Allan Siperstein, MD
Chair, Center for Endocrine Surgery
Endocrinology and Metabolism Institute

Mario Skugor, MD
Department of Endocrinology, Diabetes and Metabolism
Endocrinology and Metabolism Institute

Holly Thacker, MD
Director, Center for Specialized Women’s Health
Obstetrics/Gynecology and Women’s Health Institute

Organized by Cleveland Clinic
Department of Endocrinology, Diabetes and Metabolism

Manjula Gupta, PhD
Amir Hamrahian, MD, FACE
Betul Hatipoglu, MD
Sangeeta Kashyap, MD
Laurence Kennedy, MD, FRCP
Angelo Licata, MD, PhD
Adi Mehta, MD
Christian Nasr, MD, FACE
Leann Olansky, MD, FACE
Mario Skugor, MD
Mariam Stevens, MD

AACE Endocrinology Annual Board Review Course Committee (2011 – 2012)

Robert S. Zimmerman, MD, FACE
Co-Chair

Peter A. Singer, MD, FACE
Co-Chair

Robert M. Cuddihy, MD, FACE
Amir Hamrahian, MD, FACE
Betul Hatipoglu, MD
Faramarz Ismail-Beigii, MD, PhD
Angelo A. Licata, MD, PhD, FACP, FACE
Paul D. Rosenblit, MD, PhD, FACE, FNLA
Mario Skugor, MD, FACE
Farhad Zangeneh, MD, FACP, FACE
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration/Continental Breakfast/Exhibits</td>
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<tr>
<td>7:55 am</td>
<td>Welcome</td>
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<td>Peter Singer, MD</td>
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<td>Robert Zimmerman, MD</td>
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<tr>
<td>8:00 am</td>
<td>Thyroid Nodules and Cancer</td>
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<td>Hossein Gharib, MD</td>
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<tr>
<td>9:00 am</td>
<td>Thyroid Board Simulation</td>
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<td>Henry Burch, MD</td>
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<td>10:00 am</td>
<td>Hyperthyroidism and Hypothyroidism</td>
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<td>Peter Singer, MD</td>
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<tr>
<td>10:40 am</td>
<td>Refreshments and Exhibits</td>
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<td>11:00 am</td>
<td>Endocrinology and Pregnancy</td>
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<td>Laurence Kennedy, MD</td>
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<tr>
<td>11:45 am</td>
<td>Laboratory Cases: Curves and Sinkers</td>
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<td>Manjula Gupta, PhD</td>
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<td>12:15 pm</td>
<td>Lunch and Exhibits</td>
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**SESSION 2**

**Moderator: Melissa Li-Ng, MD**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:10 pm</td>
<td>Board Simulation: Potpourri</td>
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<tr>
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<td>Christian Nasr, MD</td>
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<tr>
<td>2:10 pm</td>
<td>Adrenal Dysfunction</td>
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<td>Thomas Murphy, MD</td>
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<tr>
<td>3:10 pm</td>
<td>Refreshments and Exhibits</td>
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<tr>
<td>3:35 pm</td>
<td>Board Simulation in Pediatric Endocrinology</td>
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<td>Donald Zimmerman, MD</td>
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<td>4:20 pm</td>
<td>Case Management Studies in Endocrine Surgery</td>
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<td>Allan Siperstein, MD</td>
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<td>4:50 pm</td>
<td>Kidney Stones</td>
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<td>Phillip Hall, MD</td>
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<td>5:20 pm</td>
<td>Visual Journey of Endocrinology: Preparation for the Boards</td>
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<tr>
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<td>Farhad Zangeneh, MD</td>
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<tr>
<td>6:05 pm</td>
<td>Reception and Exhibits</td>
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<tr>
<td>7:00 pm</td>
<td>Pediatric Endocrinology: Case Reviews Workshop</td>
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<td></td>
<td>Anzar Haider, MD</td>
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<td></td>
<td>Douglas Rogers, MD</td>
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<tr>
<td>8:15 pm</td>
<td>Adjourn</td>
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</tbody>
</table>
Saturday, September 10, 2011

7:00 am Continental Breakfast/Exhibits

SESSION 3
Moderator: Sangeeta Kashyap, MD
7:30 am Male Hypogonadism and Infertility
Charles Faiman, MD
8:15 am Female Hypogonadism
Marjan Attaran, MD
9:00 am Hirsutism
Adi Mehta, MD
9:35 am Refreshments and Exhibits
9:50 am Diabetes Therapeutics: From New Insulins to Incretins
Robert Zimmerman, MD
10:35 am DI and SIADH
Joseph Verbalis, MD
11:20 am Preventive Endocrinology Highlights
Betul Hatipoglu, MD
12:05 pm Preventing Diabetes Complications and Intensive Therapy:
Board Simulation
Leann Olansky, MD
12:45 pm Lunch and Exhibits

SESSION 4
Moderator: Harmeet Singh Narula, MD
1:25 pm Metabolic Bone Disease: Board Simulation
Mario Skugor, MD
2:10 pm Osteoporosis and Vitamin D Deficiency
Angelo Licata, MD, PhD
2:55 pm Hyper and Hypo Calcemia
Michael Levine, MD
3:45 pm Refreshments and Exhibits
4:00 pm Considerations in Women's Health
Holly Thacker, MD
4:45 pm Endocrinology Highlights – 2010-2011
Who Wants to be an Endocrine Millionaire?
Faculty vs. Fellows
Sethu Reddy, MD
5:30 pm Adjourn

Sunday, September 11, 2011

SESSION 5
Moderator: Marwan Hamaty, MD
7:30 am Endocrine Hypertension
William Young, MD
8:30 am Genetics and Endocrinology
Sethu Reddy, MD
9:25 am Dyslipidemia: Diagnostic Question and Answer
H. Bryan Brewer, Jr, MD
10:25 am Brunch
11:15 am Pituitary Disorders
Mark Molitch, MD
12:15 pm Board Simulation: Pituitary/Adrenal
Amir Hamrahian, MD
1:15 pm Adjourn
Registration Form

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Fees
Fee includes: paper syllabus, continental breakfasts, two lunches, Sunday brunch, refreshment breaks, and Friday welcome reception.

<table>
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<tr>
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<th>On or before July 15, 2011</th>
<th>After July 15, 2011</th>
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<tbody>
<tr>
<td>Physician</td>
<td>$599</td>
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<tr>
<td>AACE Member</td>
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<tr>
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<tr>
<td>Non-Physician</td>
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</table>

*Letter from program director must be received in our office prior to the course to receive this fee.

Register Online
www.ccfcme.org/EndoReview11

Once you register online, please do not mail or fax in a registration form. Cleveland Clinic employee fees and registration are available online only.

Complete the information below if registering by mail or fax

PLEASE PRINT

First Name:   Last Name:   MI:
Degree:       Company Name:
Address:
City:         State:        Zip:
Phone Number: Fax Number:
Specialty:    Email Address:

Practice Type:  □ Office-Based  □ Hospital Staff  □ Resident/Fellow  □ Other

☐ I require vegetarian meals
☐ I will attend the Friday evening reception
☐ I will attend the Sunday brunch

Total amount enclosed to be charged:  $ ____________

MAKE CHECK PAYABLE TO: The Cleveland Clinic Education Foundation
Or charge to the following account:
(purchase orders not accepted)

☐ Visa  ☐ MasterCard  ☐ American Express  ☐ Discover
Card Number: Expiration Date:
3 or 4 Digit Verification Number:
Signature:
(Not valid without signature)

Fax Number: 216.448.0783

Mailing address: The Cleveland Clinic Educational Foundation
PO Box 931653, Cleveland, OH 44193-1082
For questions about registering, call 216.448.0777 or email cmeregistration@ccf.org
General Information

Location

InterContinental Hotel and Bank of America Conference Center
9801 Carnegie Avenue
Cleveland, OH 44106
Phone: 216.707.4100 or 877.707.8999

Hotel Accommodations

A block of rooms has been reserved at the InterContinental Conference Hotel and InterContinental Suite Hotel until 5:00 pm ET August 8, 2011. To make your reservations, contact the Hotel Reservations Department at 216.707.4100 or 877.707.8999. Please identify yourself as being with the Cleveland Clinic Endocrinology Board Review.

Special rates are listed below:

- InterContinental Conference Hotel, $175 single/double plus tax (online code RBV)
- InterContinental Suite Hotel, $149 single/double plus tax (online code C52)

The InterContinental Conference Hotel is located at 9801 Carnegie Avenue, on the campus of The Cleveland Clinic. The Suite Hotel is located at 8800 Euclid Avenue and is within walking distance to the InterContinental Hotel and Bank of America Conference Center.

Ground Transportation

Taxi service is available from Cleveland Hopkins International Airport to the hotel.

Information

For additional information about this course, contact the Cleveland Clinic Center for Continuing Education at:

Local: 216.448.0770
Toll Free: 800.238.6750

Web address: www.ccfcme.org/EndoReview11

For questions about registering, call 216.448.0777, or email cmeregistration@ccf.org

Parking

Parking is available in the East 100th Street Visitor’s Parking Garage at prevailing rates. Valet parking is available at the hotel for an additional charge.

Registration and Cancellation

Preregistrations are accepted until 9:00 am ET September 8, 2011. To register after this date, please do so onsite. In case of cancellation, a full refund will be made if canceled by August 29, 2011. After August 29, 2011, a $100 cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund.

NO REFUNDS WILL BE ISSUED AFTER OCTOBER 31, 2011.
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