Gain the knowledge you need to improve the outcomes of patients with endocrine and metabolic disorders.

Workshop Opportunity
ABIM Maintenance of Certification
Live Learning Session
February 26, 2014
COURSE DESCRIPTION,
OBJECTIVES & HIGHLIGHTS
The 17th Mayo Clinic Endocrine Update will offer the latest material on the diagnosis and treatment of endocrine disorders. Faculty is selected from Mayo Clinic for their expertise, knowledge and clinical acumen. There will be plenty of opportunity for interaction with the course faculty.

LEARNING OBJECTIVES
Upon completion of this educational activity, participants should be able to:
• Summarize the new role for bariatric surgery in the patient with Type 2 diabetes
• Recognize limitations to safety and efficacy of hormonal therapy in suspected deficiency states
• Individualize therapy of postmenopausal osteoporosis
• Summarize the evaluation of the patient suspected of having thyroid disease
• Explain the role of the endocrine surgeon in the pre and postoperative care

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures that may be discussed or taught in this course.

INTENDED AUDIENCE
This course is intended for endocrinologists, endocrine surgeons, primary care providers, nurse practitioners and physician assistants with an interest in endocrine disorders.

COURSE HIGHLIGHTS
Short Lectures
• All didactic lectures will be limited to 25 minutes.
• Open panel question and answer periods will follow each group of 3 to 4 lectures.

Case-Based Debates
• A case will be presented by the moderator.
• The moderator will ask structured questions for comment from the debaters and attendees.
• Using an audience response system, the attendees will vote for “treatment A” or “treatment B.”
• Two debaters will present their arguments.
• After hearing the debate, the audience will re-vote on the treatment options.

Clinicopathologic Conference (CPC)
• Unknown cases are presented to faculty members.
• Using a test menu system, a faculty member works through the case step-by-step.

Clinical Pearls
• Clinical “Pearls” are concise practical insights relevant to the practicing endocrinologist, but not widely appreciated or represent changes to historical practice.
• This session is case-based and fast-paced.
• The faculty presents brief clinical cases illustrating important teaching points.
• Attendees should leave each pearl session with a rich list of important clinical pearls that are directly applicable to patient care

Panel Discussions
• The moderator presents 2 – 4 cases based on the session theme to a subspecialist panel.
• The panel responds to questions from the moderator and audience regarding management.
• Teaching points are many with panelists providing clinical pearls related to the theme.

Breakfast Roundtable Discussions
• Each day, attendees will have the opportunity to informally discuss cases or issues in the diagnosis or management of endocrine disorders. Each table will have an assigned faculty member and topic.

OPTIONAL WORKSHOP:
ABIM MOC LIVE LEARNING SESSION
1:00 – 5:00 p.m., Wednesday, February 26
Fee: $250 includes boxed lunch and refreshment break

In this optional session, experts representing each subspecialty area of endocrinology and metabolism will facilitate a discussion of the 30 questions that comprise the ABIM Self-Evaluation of Medical Knowledge Module 2013 Update in Endocrinology (A3-P). Registrants will be given instructions on how to register with ABIM to enroll in ABIM’s Maintenance of Certification (MOC) program and purchase the 2013 Update in Endocrinology module for completion onsite or after the course. The 2013 Update in Endocrinology counts as 10 points toward the Self-Evaluation of Medical Knowledge component of ABIM Maintenance of Certification (MOC) and is available for use toward MOC through May 8, 2015. Participants completing the entire workshop may claim 4 hours of AMA PRA Category 1 Credits™.
CREDIT
College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic designates this live activity for a maximum of 22 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP
Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

Other Health Care Professionals
A record of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

LODGING ACCOMMODATIONS
Guest rooms have been reserved for attendees and their guests at Westin Kierland Resort & Spa with a special course rate of $289. In order to receive the special rate, reservations must be made before the room block is filled or before the cutoff date of January 27, 2014 whichever comes first.

To ensure accommodations at the discounted rate, please make your reservations directly with the hotel by calling 800-354-5892 (toll-free).

Identify yourself as a participant of the Mayo Clinic Endocrine Update Course

COURSE WELCOME RECEPTION
Welcome Reception
Tuesday, February 25, 2014
6:00 p.m. – 7:00 p.m.
Featuring light appetizers and select beverages, this casual reception welcomes attendees to Scottsdale and offers the perfect opportunity to meet new colleagues in a relaxed setting. Pre-registration is requested.

SCHEDULE

TUESDAY, FEBRUARY 25, 2014
4:00 – 6:00 p.m. Registration
6:00 – 7:00 p.m. Welcome Reception

WEDNESDAY, FEBRUARY 26, 2014
6:30 a.m. Registration, Continental Breakfast and Exhibits
7:20 a.m. Welcome and Opening Comments

Moderator: Kurt A. Kennel, M.D.
7:30 a.m. Endocrine Hypertension 2014
William F. Young, Jr., M.D., MSc.

7:55 a.m. “Low T”: A Treatment in Search of a Disease?
Neena Natt, M.D.

8:20 a.m. Surgical Management of the MEN1 Patient
Geoffrey B. Thompson, M.D.

8:45 a.m. Panel Discussion: Endocrine Incidentalomas Past, Present & Future
Background: Juan Pablo Brito Campana, M.D.
Pituitary: William F. Young, Jr., MSc.
Adrenal: Neena Natt, M.D.
Thyroid: Marius N. Stan, M.D.

9:30 a.m. Panel Question and Answer Session
10:00 a.m. Refreshment Break and Exhibits

Moderator: Melanie L. Richards, M.D.
10:30 a.m.  Clinical PEARLS: Growth Hormone Testing & Treatment  
Neena Natt, M.D.

11:10 a.m.  Vitamin D & Calcium Supplementation: First Do No Harm  
Thomas D. Thacher, M.D.

11:35 a.m.  Case-based debate: Should this Patient Undergo Parathyroidectomy for Skeletal Health?  
Case: Kurt A. Kennel, M.D.  
“Yes” – Clive S. Grant, M.D.  
“No” – Daniel L. Hurley, M.D.

12:05 p.m.  Panel Question and Answer Session

12:30 p.m.  Adjourn for the day

1:00 – 5:00 p.m.  Optional Workshop—pre-registration required  
ABIM MOC Shared Learning Session  
Endocrinology, 2013 Update (AP-3)

THURSDAY, FEBRUARY 27, 2014

6:00 a.m.  Registration, Continental Breakfast and Exhibits

6:30 a.m.  Roundtable Discussions  
- Calcium & Vitamin D – Thomas D. Thacher, M.D.  
- Endocrine Hypertension – William F. Young, Jr., M.D., MSc.  
- Endocrine Surgery – Clive S. Grant, M.D.  
- Testosterone – Neena Natt, M.D.  
- Thyroid Cancer – Mabel Ryder, M.D.  
- Women’s Health – Stephanie S. Faubion, M.D.

Moderator: William F. Young, Jr., M.D., MSc.

7:30 a.m.  Low Risk Differentiated Thyroid Cancer: Minimal Treatment for Minimal Risk  
Ian D. Hay, M.D., Ph.D.

7:55 a.m.  Molecular Markers in the Evaluation and Management of Thyroid Cancer  
Mabel Ryder, M.D.

8:20 a.m.  CPC: Thyroid  
Presented by: Geoffrey B. Thompson, M.D.  
Discussed by: Ian D. Hay, M.D., Ph.D.

8:50 a.m.  Medullary Thyroid Cancer  
Clive S. Grant, M.D.

9:30 a.m.  Panel Question and Answer Session

10:00 a.m.  Refreshment Break and Exhibits

10:30 a.m.  Small Group Discussions  
- Key Aspects of the Care of the Post Bariatric Surgery Patient – Todd A. Kellogg, M.D. & Maria L. Collazo-Clavell, M.D.  
- Pediatric Endocrine Potpourri – Peter J. Tebben, M.D.  
- Medical Genetics for the Clinical Endocrinologist – Salman Kirmani, MBBS  
- Common Dilemmas in Osteoporosis Management – Daniel L. Hurley, M.D.

11:30 a.m.  Small Group Discussions  
- Thyroid Health Before & During Pregnancy – Marius N. Stan, M.D.  
- Challenging Prolactin Cases – Dana Erickson, M.D.  
- Clinical Pearls for Menopause Management – Stephanie S. Faubion, M.D.  
- Cushing’s Syndrome – William F. Young, Jr., M.D., MSc. & Geoffrey B. Thompson, M.D.

12:30 p.m.  Adjourn for the day
FRIDAY, FEBRUARY 28, 2014

6:00 a.m. Registration, Continental Breakfast and Exhibits

6:30 a.m. Roundtable Discussions
- Diabetes – Gunjan Y. Gandhi, M.D.
- Endocrine Surgery – Geoffrey B. Thompson, M.D.
- Bone & Calcium – Daniel L. Hurley, M.D.
- Pediatric Endocrine – Peter J. Tebben, M.D.
- Thyroid Cancer – Ian D. Hay, M.D., Ph.D.
- Thyroid Function – Marius N. Stan, M.D.
- Pituitary/Gonad/Adrenal – Dana Erickson, M.D.

Moderator: Thomas D. Thacher, M.D.

7:30 a.m. Approach to the Patient with (Query) Hormonal Spells
William F. Young, M.D., Jr., MSc.

7:55 a.m. CPC: Hypoglycemia

8:35 a.m. Panel Discussion: Approach to Patient with “Endocrine Disorder NOS”
Case Presentation: Thomas D. Thacher, M.D.
Thyroid: Marius N. Stan, M.D.
Pituitary/Gonad/Adrenal: Dana Erickson, M.D.
Weight: John M. Miles, M.D.

9:30 a.m. Panel Question and Answer Session

10:00 a.m. Refreshment Break and Exhibit

10:30 a.m. Small Group Discussions (repeated from Thursday)
- Thyroid Health Before & During Pregnancy – Marius N. Stan, M.D.
- Challenging Prolactin Cases – Dana Erickson, M.D.
- Clinical Pearls for Menopause Management – Stephanie S. Faubion, M.D.
- Cushing’s Syndrome – William F. Young, Jr., M.D., MSc. & Geoffrey B. Thompson, M.D.

11:30 a.m. Small Group Discussions
- Key Aspects of the Care of the Post Bariatric Surgery Patient – Todd A. Kellogg, M.D. & Maria L. Collazo-Clavell, M.D.
- Pediatric Endocrine Potpourri – Peter J. Tebben, M.D.
- Medical Genetics for the Clinical Endocrinologist – Salman Kirmani, MBBS
- Common Dilemmas in Osteoporosis Management – Daniel L. Hurley, M.D.

12:30 p.m. Adjourn from small groups

12:45 p.m. Plated Lunch & Lecture: Obesity
James A. Levine, M.D.

1:45 p.m. Adjourn for the day

SATURDAY, MARCH 1, 2014

6:00 a.m. Registration, Continental Breakfast and Exhibits

6:30 a.m. Roundtable Discussions
- Diabetes – Curtiss B. Cook, M.D.
- Dyslipidemia – John M. Miles, M.D.
- Endocrine Surgery – Melanie L. Richards, M.D. & Richard T. Schlinkert, M.D.
- Genetic Testing – Salman Kirmani, MBBS
- Hypoglycemia – Adrian Vella, M.D.
- Obesity/Bariatric Surgery – Maria L. Collazo-Clavell, M.D. & Todd A. Kellogg, M.D.
- Pituitary/Gonad/Adrenal – Dana Erickson, M.D.
Moderator: Maria L. Collazo-Clavell, M.D.

7:30 a.m. Case Presentation
Maria L. Collazo-Clavell, M.D.

7:45 a.m. Metformin: New Twists on an Old Drug
John M. Miles, M.D.

8:10 a.m. Incretin Therapy: Choices & Questions
Adrian Vella, M.D.

8:35 a.m. SGLT2 Inhibitors: For Whom?
Gunjan Y. Gandhi, M.D.

9:00 a.m. Management of Hyperglycemia in Surgical Inpatients
Curtiss B. Cook, M.D. and Richard T. Schlinkert, M.D.

9:30 a.m. Panel Question and Answer Session

10:00 a.m. Refreshment Break and Exhibits

Moderator: Kurt A. Kennel, M.D.

10:30 a.m. Glucose Management in Medical Inpatients
Gunjan Y. Gandhi, M.D.

10:55 a.m. Bariatric Surgery: Present and Future
Todd A. Kellogg, M.D.

11:20 a.m. Endoscopic Procedures to Treat Diabetes and Obesity
Barham K. Abu Dayyeh, M.D.

11:45 a.m. Panel Question and Answer Session

12:10 p.m. Learning Assessment & Course Evaluation

12:30 p.m. Adjourn

REGISTRATION
To register online, visit http://www.mayo.edu/cme/endocrinology-2014, or complete the attached registration form and return by mail or fax. The general session registration fee includes tuition, comprehensive electronic course syllabus, continental breakfasts, and break refreshments.

Although it is not Mayo School of CPD policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. An email confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

CANCELLATION POLICY
If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CPD before January 13, 2014 (fax#: 507-284-0532). No refunds will be made after February 10, 2014.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.
**REGISTRATION FORM**

**17th Annual Endocrine Update**
February 26 - March 1, 2014

Optional ABIM MOC Live Learning Session February 26, 2014
Submit online registration at http://www.mayo.edu/cme/endocrinology-2014

**Mail form and payment to:**
Mayo School of CPD
Plummer 2-60
200 First Street SW
Rochester, MN 55905
Phone: 800-323-2688
507-284-2509
Fax: 507-284-0532
Website: www.mayo.edu/cme
E-mail: cme@mayo.edu

(Please print or type all information. You may duplicate this form for multiple registrations.)

**Contact Information**

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**Registration**

Type of credit that you are interested in receiving: [ ] AMA/Category 1 [ ] AAFP

February 26 – March 1 Course Registration Fees:

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<th>General Course Session:</th>
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<td>Physicians/Scientists</td>
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<td>Residents, Fellows, Nurses, Physician Assistants, Nurse Practitioners, and Retirees</td>
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Optional:

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Wednesday February 26, 2014 1:00-5:00 pm

Reception: February 25, 2014: (Complimentary and Included with General Course Registration)

I plan to attend [ ] Yes [ ] No

Printed Syllabus: (Electronic Syllabus is included with course registration) $65 $________

Total Payment Enclosed: $________

**Payment Information**

[ ] Check is enclosed in the amount shown at right - make checks payable to Mayo Clinic

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Mayo Clinic Endocrine Update

February 26 – March 1, 2014
Westin Kierland Resort & Spa
Scottsdale, AZ
#MayoEndo

Course Directors:
Kurt A. Kennel, M.D.
Maria L. Collazo-Clavell, M.D.
Melanie L. Richards, M.D.

www.mayo.edu/cme/endocrinology

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

This activity has been approved for AMA PRA Category 1 Credit(s)™.

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