Division of Endocrinology, Metabolism and Osteoporosis
Department of Medicine
University of California, San Francisco
School of Medicine

Diabetes Update and Advances In Endocrinology and Metabolism

Marines’ Memorial Club & Hotel
San Francisco, California

COURSE CHAIR
Umesh Masharani, MB, BS, MRCP
Professor of Medicine

Thursday - Saturday
March 14-16, 2019
The Diabetes Update section on Thursday focuses on new ideas and therapies relevant to patients with Type 1 and Type 2 diabetes. Advances in Endocrinology and Metabolism on Friday and Saturday will provide the clinician with updated, pragmatic information about the management of common endocrinologic and metabolic problems, as well as insight into important current areas in clinical research. Formal presentations will be accompanied by question and answer periods with general discussion. Clinical cases will focus on common endocrine problems encountered in clinical practice.

TARGET AUDIENCE: This course is intended for general internists, family physicians, general practitioners, surgeons, nurses, pharmacists, and advanced practitioners. It is expected that the participants will gain new life skills and strategies to manage these disorders.

OBJECTIVES

DIABETES UPDATE
At the completion of this program, course participants will be able to:
• Use newly introduced drugs to control glucose levels in patients with type 2 diabetes;
• Utilize glucose sensors and the artificial pancreas to improve glucose control in their patients with diabetes;
• Advise patients on what they can do to prevent the development of type 2 diabetes;
• Prevent and treat kidney disease in people with diabetes;
• Counsel patients with diabetes on the benefits and risks of bariatric surgery;
• Appreciate what treatments are being studied to prevent the development of type 1 diabetes;
• Apply the best approaches to controlling diabetes in the hospitalized patient.

ADVANCES IN ENDOCRINOLOGY & METABOLISM
At the completion of this program, course participants will be able to:
• Improve their evaluation of patients with osteoporosis;
• Evaluate a patient with a thyroid nodule;
• Evaluate and treat patients with congenital adrenal hyperplasia;
• Optimally use nuclear medicine studies in the management of endocrine disease;
• Manage patients with hyponatremia;
• Identify when and how to use estrogens before and after the menopause;
• Identify and treat endocrine complications that arise during cancer immunotherapy;
• Evaluate and treat a patient with an elevated prolactin level;
• Recognize and treat hyperlipidemias with agents other than statins.

ACCREDITATION
The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 18.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME.

Physician Assistants: AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

Pharmacy: The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credit™.

Registered Dieticians: The Commission on Dietetic Registration accepts as continuing professional education those courses that meet the standard of relevance to Dietetic practice and have been approved for AMA PRA Category 1 Credit™.

Geriatric Medicine: The approved credits shown above include 7.25 credits toward meeting the requirements under California Assembly Bill 1820, Geriatric Medicine.

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

Maintenance of Certification: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 18.25 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC points.
# Thursday, March 14, 2019

**DIABETES UPDATE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Diabetes Management in the Hospital</td>
<td>Robert Rushakoff, MD</td>
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<tr>
<td>8:55</td>
<td>Artificial Pancreas and CGMs: Clinical Cases and Updates</td>
<td>Aaron Neinstein, MD</td>
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<tr>
<td>9:50</td>
<td>Coffee Break</td>
<td></td>
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<tr>
<td>10:10</td>
<td>Altering the Course of Type 1 Diabetes – Data from Prevention and New Onset Studies</td>
<td>Stephen Gitelman, MD</td>
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<tr>
<td>11:05</td>
<td>An Update on Diabetes Medicines</td>
<td>Victoria Hsiao, MD</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>1:15</td>
<td>Treating Kidney Disease in People with Diabetes</td>
<td>Margaret K. Yu, MD, MS</td>
</tr>
<tr>
<td>2:10</td>
<td>Diabetes Prevention: So Many Options – What Works?</td>
<td>Elizabeth Murphy, MD, DPhil</td>
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<tr>
<td>3:05</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>3:25</td>
<td>Bariatric Surgery and Diabetes</td>
<td>Sarah Kim, MD</td>
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<tr>
<td>4:20</td>
<td>Clinical Cases</td>
<td>Suneil Koliwad, MD, PhD</td>
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<tr>
<td></td>
<td></td>
<td>Gregory Ku, MD, PhD</td>
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<tr>
<td>5:15 pm</td>
<td>Adjourn</td>
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# Friday, March 15, 2019

**ADVANCES IN ENDOCRINOLOGY AND METABOLISM**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td>Registration and Continental Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>Bone Disorders – Clinical Cases</td>
<td>Dolores Shoback, MD, Anne Schafer, MD</td>
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<tr>
<td>8:55</td>
<td>Osteoporosis Screening and Diagnosis: BMD, FRAX and Assessment of Secondary Osteoporosis</td>
<td>Steven Harris, MD</td>
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<tr>
<td>9:50</td>
<td>Coffee Break</td>
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<tr>
<td>10:10</td>
<td>Thyroid Cases</td>
<td>Madhu Rao, MD</td>
</tr>
<tr>
<td>11:05</td>
<td>Evaluating a Thyroid Nodule</td>
<td>Chienying Liu, MD</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>1:15</td>
<td>Collateral Damage: Immune Checkpoint Inhibitors and Endocrinopathies</td>
<td>Mark Anderson, MD</td>
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<tr>
<td>2:10</td>
<td>Nuclear Imaging in Endocrine Diseases</td>
<td>Umesh Masharani, MB, BS, MCRP</td>
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<td>Thomas Hope, MD</td>
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<tr>
<td>3:05</td>
<td>Coffee Break</td>
<td></td>
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<tr>
<td>3:25</td>
<td>Using Estrogens Through the Lifespan</td>
<td>Marcelle Cedars, MD</td>
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<tr>
<td>4:20</td>
<td>Clinical Cases – CAH Childhood and Adults</td>
<td>Roger Long, MD</td>
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<tr>
<td>5:15 pm</td>
<td>Adjourn</td>
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# Saturday, March 16, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>7:30 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Disorders of Water Metabolism</td>
<td>Lewis Blevins, MD</td>
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<tr>
<td>8:55</td>
<td>Pituitary Tumors and Hyperprolactinemia</td>
<td>J. Blake Tyrrell, MD</td>
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<tr>
<td>9:50</td>
<td>Coffee Break</td>
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</tr>
<tr>
<td>10:10</td>
<td>Non-Statin Treatment of Dyslipidemia</td>
<td>John P. Kane, MD</td>
</tr>
<tr>
<td>11:05</td>
<td>Lipid Cases</td>
<td>Mary J. Malloy, MD</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Adjourn</td>
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*Geriatric Credit*
GENERAL INFORMATION: Advance registration closes one (1) business day prior to start of course. Advance registration is encouraged to ensure adequate course materials.

HOW TO ENROLL:
Tuition*: Register by February 11, 2019 and receive the Early Bird Discount!

BEFORE FEBRUARY 11, 2019
Full Course Fee:
$615 Physicians
$475 Allied Health Professionals/Nurses/Pharmacists
Session 1: Diabetes Update only –
$320 Physicians
$300 Allied Health Professionals/Nurses/Pharmacists
Session 2: Advances in Endocrinology and Metabolism only –
$425 Physicians
$300 Allied Health Professionals/Nurses/Pharmacists

AFTER FEBRUARY 11, 2019
Full Course Fee:
$650 Physicians
$525 Allied Health Professionals/Nurses/Pharmacists
Session 1: Diabetes Update only –
$365 Physicians
$320 Allied Health Professionals/Nurses/Pharmacists
Session 2: Advances in Endocrinology and Metabolism only –
$475 Physicians
$350 Allied Health Professionals/Nurses/Pharmacists

PAYMENT: Payment can be made by check, Visa, MasterCard, or AmEx.

REGISTER VIA:
Online: cme.ucsf.edu
Mail: Complete course registration form and send with payment to:
UCSF Office of Continuing Medical Education
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: Fax completed registration form to 415-502-1795 (be sure to include your credit card number)
Phone: To register by phone or to inquire about registration status, please call UCSF’s CME Registration Office at 415-476-5808.

Please check our website for up-to-date information on the course: cme.ucsf.edu

ON-SITE REGISTRATION: Generally we are able to accommodate on-site registration at our courses. Please check our website for up-to-date information on the course: cme.ucsf.edu

REFUND POLICY: Cancellations received in writing before March 12, 2019 will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION:
Enjoy San Francisco’s renowned attractions such as the historic cable cars, shopping in Union Square, or visit San Francisco’s culinary hub at the Ferry Building. The Marines’ Memorial Club & Hotel is just steps from Union Square, famed cable cars, and the Theatre District.

A block of guestrooms has been reserved at the special UCSF conference rate of $239 Standard/$259 Deluxe. You are urged to make your reservations early. The cut-off date is February 11, 2019 or until the group room block is filled. After this date, rooms will be provided on a space-available basis only.

To make hotel reservations, you may do so by phone at 1-800-5-MARINE or by email at reservations@marineclub.com. Please ask for the UCSF Diabetes Update group to receive the special rate.

The Marines’ Memorial Club & Hotel is pleased to include the following in the room rates as quoted:
• Full American breakfast and a two-hour hosted cocktail reception daily in the Restaurant and Bar located on the 12th floor of the hotel, with panoramic views of the city
• Entrance to Active Sports Club Union Square with indoor lap pool and state of the art equipment located on property
• Complimentary use of the Business Center, with internet access, scanner, fax and printer
• Complimentary High speed Broadband and Wi-Fi access in all guestrooms, suites and function space.

**Hotel Policies: Reservations must be cancelled at least 24 hours in advance or a one-night’s stay (and applicable taxes) will be charged. A credit card number is required to confirm your reservation. Check-in is 4:00 pm; Checkout is 12:00 noon. Reservation requests made after February 22, 2019 will be honored at the conference room-rates on a space available basis. Room rates are subject to all state and local taxes (currently 16.43%, subject to change without notice).

By staying at the host hotel, you help the University of California meet its contractual obligations and keep future registration fees reasonable. Please take this into consideration when making your accommodation decisions.

RENTAL CAR: Hertz is offering special rates for participants of this conference; simply call (800) 654-2240 and refer to convention number #03BW0138 or call your travel agent. You may also make reservations at www.Hertz.com.

AIR TRANSPORTATION: UCSF has negotiated special fares with United Airlines for our course attendees. You may use the following tour codes to book on your own:
United: www.united.com Code: ZFM5163540

March 14-16, 2019 • Marines’ Memorial Club & Hotel, San Francisco, CA
FACULTY

COURSE CHAIRS
Umesh Masharani, MB, BS, MRCP
Professor of Medicine
Division of Endocrinology and Metabolism

COURSE FACULTY
University of California San Francisco, unless indicated
Mark Anderson, MD, PhD
Professor of Medicine
Division of Endocrinology and Metabolism
Lewis Blevins, MD
Professor of Medicine
Medical Director, Pituitary Center
Division of Endocrinology and Metabolism
Marcelle Cedars, MD
Professor of Obstetrics and Gynecology
Director, Center of Reproductive Health; Department of Obstetrics and Gynecology, Reproductive Sciences
Stephen Gitelman, MD
Mary B. Olney, MD / KAK
Distinguished Professorship in Pediatric Diabetes and Clinical Research, Professor of Pediatrics
Chief, Division of Pediatric Endocrinology
Steven T. Harris MD
Professor of Medicine
Division of Endocrinology and Metabolism
Thomas Hope, MD
Associate Professor of Radiology
Victoria Hsiao, MD
Associate Professor of Medicine
Division of Endocrinology and Metabolism
Roger Long, MD
Professor of Pediatrics
Division of Pediatric Endocrinology
John P. Kane, MD, PhD
Professor of Medicine
Co-Director, Adult Lipid Clinic
Division of Endocrinology and Metabolism
Sarah Kim, MD
Associate Professor of Medicine
Division of Endocrinology and Metabolism,
Zuckerberg San Francisco General Hospital and Trauma Center
Suneil Koliwad, MD, PhD
Associate Professor of Medicine
Division of Endocrinology and Metabolism
Gregory Ku, MD, PhD
Assistant Professor of Medicine
Division of Endocrinology and Metabolism
Chienying Liu, MD
Professor of Medicine
Division of Endocrinology and Metabolism
Elizabeth Murphy, MD, DPhil
Professor of Medicine
Chief, Division of Endocrinology and Metabolism
Zuckerberg San Francisco General Hospital and Trauma Center
Mary J. Malloy, MD
Professor of Medicine and of Pediatrics
Director, Pediatric Lipid Clinic
Co-Director, Adult Lipid Clinic
Division of Endocrinology and Metabolism
Aaron Neinstein, MD
Assistant Professor of Medicine
Division of Endocrinology and Metabolism
Madhu Rao, MD
Associate Clinical Professor
Division of Endocrinology and Metabolism
Robert Rushakoff, MD, MS
Professor of Medicine
Division of Endocrinology and Metabolism
Anne Schafer, MD
Associate Professor of Medicine
Endocrine Research Unit
San Francisco VA Medical Center
Dolores Shoback, MD
Professor of Medicine
Endocrine Research Unit
San Francisco VA Medical Center
J. Blake Tyrrell, MD
Professor Emeritus of Medicine
Division of Endocrinology and Metabolism
Margaret K. Yu, MD, MS
Assistant Professor of Medicine
Division of Nephrology
Stanford University School of Medicine
Palo Alto, CA
COURSE REGISTRATION
Diabetes Update and Advances In Endocrinology and Metabolism  (MDM19E01)
March 14-16, 2019 • Marines' Memorial Club & Hotel, San Francisco, CA

Mail to:  UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368

Online registration: cme.ucsf.edu
Registration Information: 415-476-5808
Course Information: 415-476-4251
Fax: 415-502-1795

☐ Or.  ☐ Ms.  ☐ Mr.  ☐ Mrs.  ☐ Mx.

LAST NAME  FIRST  M.I.

DEGREE  SPECIALTY

ADDRESS

CITY  STATE  ZIP

DAYTIME PHONE  FAX

EMAIL

Address Label Code Letter (See address label: example, A, B, C, D, etc.) _________________

Would you like to be on our priority email list?  ☐ Yes  ☐ No

Date of birth to be used as OCME registrant number:     /     / X X

Please indicate if you have any special needs: ____________________________

REGISTRATION FEES
Please check session(s) attending:

Full Course – 18.25 hours
By February 11, 2019  ☐ $615 Physicians  ☐ $475 Allied Health Professionals/Nurses/Pharmacists
After February 11, 2019  ☐ $650 Physicians  ☐ $525 Allied Health Professionals/Nurses/Pharmacists

Session 1 Only: Diabetes Update – 7.25 hours
By February 11, 2019  ☐ $320 Physicians  ☐ $300 Allied Health Professionals/Nurses/Pharmacists
After February 11, 2019  ☐ $365 Physicians  ☐ $320 Allied Health Professionals/Nurses/Pharmacists

Session 2 Only: Advances in Endocrinology & Metabolism – 11.00 hours
By February 11, 2019  ☐ $425 Physicians  ☐ $300 Allied Health Professionals/Nurses/Pharmacists
After February 11, 2019  ☐ $475 Physicians  ☐ $350 Allied Health Professionals/Nurses/Pharmacists

☐ Check enclosed payable to UC Regents
☐ Please charge my credit card:  ☐ Visa  ☐ MasterCard  ☐ AmEx  for $___________

CARD #: ____________________________________________  EXPIRATION DATE ____________

NAME ON CARD (PLEASE PRINT)  ____________________________________________

AUTHORIZED SIGNATURE ____________________________________________

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Marine' Memorial Club & Hotel
609 Sutter Street
San Francisco, CA 94102
Tel: (415) 673-6672
www.marineclub.com