

Department of Epidemiology and
Biostatistics
University of California, San Francisco
School of Medicine



12TH ANNUAL

OSTEOPOROSIS

NEW INSIGHTS IN RESEARCH, DIAGNOSIS,
AND CLINICAL CARE

HOTEL KABUKI • SAN FRANCISCO, CALIFORNIA

COURSE DIRECTORS

Dennis M. Black, PhD

Professor of Epidemiology and Biostatistics
University of California, San Francisco

Ann V. Schwartz, PhD

Professor of Epidemiology and Biostatistics
University of California, San Francisco

THURSDAY - FRIDAY
July 23-24, 2015



OSTEOPOROSIS

NEW INSIGHTS IN RESEARCH, DIAGNOSIS,
AND CLINICAL CARE

Hotel Kabuki
San Francisco, California

July 23-24, 2015

Presented by the Department of Epidemiology and Biostatistics of the University of California, San Francisco School of Medicine, this 2-day course features an expert faculty that will discuss the epidemiology, pathophysiology, diagnosis, and treatment of osteoporosis. Specific topics will include the cell biology of osteoporosis, bone biomechanics, endocrine and nutrition aspects of osteoporosis, medication-induced osteoporosis, chronic kidney disease and bone, the latest approaches to fracture risk assessment, and interpretation of DXA scans. The course will also critically review current treatment options and preview new treatments under study. There will be an emphasis on recent developments and current controversies in the etiology, diagnosis, and management of osteoporosis.

TARGET AUDIENCE

The course is designed for physicians and other professionals in health research or clinical care who would find additional scientific background in the disease helpful, including those specifically involved in osteoporosis such as clinical trial managers, statisticians, physical therapists, and radiologic technologists. No prior clinical or scientific training in osteoporosis is required.

EDUCATIONAL OBJECTIVES

An attendee completing this course should be able to improve clinical competence to:

- Recognize and treat osteoporosis;
- Use bone mineral density and the WHO/FRAX calculator to diagnose osteoporosis and predict fracture risk;
- Evaluate the role of medications and chronic kidney disease as contributors to osteoporosis;
- Counsel patients regarding non-pharmacological and pharmacological therapies for osteoporosis prevention and management;
- Include new pharmacological therapies as appropriate in treatment of osteoporosis;
- Evaluate the benefits and risks of continuing osteoporosis therapy long term.

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 **12.50 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.

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™**.

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

Geriatric: The approved credits shown above include **12.50** credits toward meeting the requirement under California Assembly Bill 1820, Geriatric Medicine.



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THURSDAY, JULY 23, 2015

8:00 am *Registration and Continental Breakfast***MORNING MODERATOR: DENNIS BLACK, PhD****Bone Biology and Fracture Epidemiology**8:30 **Bone Structure and Function and the Bone Remodeling Cycle** Dolores Shoback, MD9:10 **Q&A**9:20 **Fracture Epidemiology: Risk Factors and Consequences** Ann Schwartz, PhD9:45 **Q&A**9:50 *Break***Tools of Risk Assessment and Diagnosis**10:10 **Osteoporosis Diagnosis: BMD, FRAX and Assessment of Secondary Osteoporosis** Steven Harris, MD, FACP10:45 **Q&A**10:55 **Beyond FRAX: Strong Risk Factors for Hip Fractures for Clinicians** Steven Cummings, MD11:20 **Q&A****Special Topics in Osteoporosis**11:25 **Osteoporosis in Chronic Kidney Disease** Nancy Lane, MD11:55 **Q&A**Noon *Lunch (on your own)***AFTERNOON MODERATOR: ANN SCHWARTZ, PhD**1:30 pm **Kyphosis: Causes, Consequences, Treatment** Wendy Katzman, DPTSc2:05 **Q&A**2:10 **The Other Half of the Fracture Equation: Fall Prevention and Management** Edgar Pierluissi, MD2:40 **Q&A**2:45 **Bad to the Bones: Corticosteroids and Prevention of Corticosteroid-induced Osteoporosis** Jonathan Graf, MD3:15 **Q&A**3:20 *Break*3:40 **Bad to the Bones: Treatments for Breast and Prostate Cancer** Richard Eastell, MD4:10 **Q&A**4:15 **Vitamin D and Calcium: The Good, The Bad, and The Ugly** Clifford Rosen, MD4:55 **Q&A**5:00 pm *Adjourn*

program

GENERAL INFORMATION

Advanced registration closes one (1) business day prior to start of course.

REGISTRATION INFORMATION

Tuition: **\$430** Physicians
\$345 Nurses/Pharmacists/
 Allied Health Professionals/
 Residents/Fellows

Payment may be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:**Online:** www.cme.ucsf.edu

Mail: Complete course registration form and send with payment to:
 UCSF Office of CME
 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.

On-Site Registration: Generally we are able to accommodate on-site registration at our courses however pre-registration is preferred to ensure that we have adequate course materials.

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

REFUND POLICY

Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

FRIDAY, JULY 24, 2015

8:00 am *Continental Breakfast*

MORNING MODERATOR: DEBORAH E. SELLMAYER, MD

8:30 **Case Studies of Interpretation of BMD Scans** Deborah Sellmeyer, MD

9:05 **Q&A**

9:15 **Beyond BMD: Bone Quality and Bone Strength** Mary Bouxsein, PhD

9:45 **Q&A**

9:50 **Looking at New England Journal from the Inside Out** Clifford Rosen, MD

10:05 **Q&A**

10:10 *Break*

10:30 **Protein, Salt, and Other Nutrients** Deborah Sellmeyer, MD

10:55 **Q&A**

Treatment and Prevention: Pharmacologic Interventions

11:00 **Bisphosphonates: Efficacy** Dennis Black, PhD

11:20 **Q&A**

11:25 **SERMS and Estrogen** Steven Cummings, MD

11:45 **Q&A**

11:50 *Lunch (on your own)*

AFTERNOON MODERATOR: MARY BOUXSEIN, PhD

1:20 pm **Teriparatide Alone and in Combination with Anti-Resorptives** Dennis Black, PhD

1:40 **Q&A**

1:45 **Denosumab** Richard Eastell, MD

2:00 **Q&A**

2:05 **Risk & Benefits of Long Term Treatment** Richard Eastell, MD

2:30 **Q&A**

2:35 **New Osteoporosis Treatments** Mary Bouxsein, PhD

2:55 **Q&A**

3:00 **Monitoring Patients On and Off Treatment** Douglas Bauer, MD

3:30 **Q&A**

3:35 *Break*

Clinical Issues, Choices, and Dilemmas in Osteoporosis Therapy

3:55 **An Overview of Treatment: Who and When to Treat** Dolores Shoback, MD

4:25 **Q&A**

4:30 **Ask for a Consult. A Roundtable on Osteoporosis Cases** Richard Eastell, MD
Steven Harris, MD
Deborah Sellmeyer, MD

5:00 *Adjourn/Evaluations*

CONFERENCE LOCATION

HOTEL KABUKI

A block of guestrooms has been reserved at the special UCSF conference rate of **\$259/night**. You are urged to make your reservations early. The cut-off date is **June 22, 2015**, 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 on-line, go to www.cme.ucsf.edu and click on the hotel link in the Travel & Lodging section of the course webpage.

If you prefer to telephone in your reservation, call 1-800-533-4567 and identify yourself as a member of this UCSF conference to receive the special rate.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

RENTAL CAR

Hertz is offering special rates for participants of this conference; simply call 800-654-2240 and refer to convention number 03BW0134, or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

general
info



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San Francisco
Office of Continuing
Medical Education
UCSF Box 0742
San Francisco, CA
94143-0742



For more information
or to register online
visit our website at
www.cme.ucsf.edu.
You may also reach
us by calling the
Office of CME at
(415) 476-4251 or
emailing
info@ocme.ucsf.edu.

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and Biostatistics
University of California,
San Francisco

Ann V. Schwartz, PhD
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and Biostatistics
University of California,
San Francisco

GUEST FACULTY

Mary L. Boussein, PhD
Associate Professor,
Department of Orthopedic Surgery
Harvard Medical School,
Boston, MA

Richard Eastell, MD
Professor of Bone Metabolism
University of Sheffield
Sheffield, UK

Nancy Lane, MD
Endowed Professor of Medicine
and Rheumatology
University of California at Davis
Davis, CA

Clifford J. Rosen, MD
Professor of Medicine
Tufts University School of Medicine
Maine Medical Center
Research Institute
Scarborough, ME

Deborah E. Sellmeyer, MD
Associate Professor of Medicine,
Director, Johns Hopkins
Metabolic Bone Center
Baltimore, MD

UCSF COURSE FACULTY

(University of California, San Francisco)

Douglas C. Bauer, MD
Professor of Medicine and of
Epidemiology and Biostatistics

Jonathan Graf, MD
Associate Professor of Medicine;
Division of Rheumatology,
San Francisco General Hospital

Steven T. Harris, MD, FACP
Professor of Medicine

Wendy Katzman, PT, DPTSc
Assistant Professor of Physical
Therapy & Rehabilitation Science

Edgar Pierluissi, MD
Associate Professor of Medicine
Medical Director of the Acute Care
for Elders Unit at the San Francisco
General Hospital

Dolores M. Shoback, MD
Professor of Medicine, UCSF
Endocrine Research Unit
San Francisco VA Medical Center

faculty

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MEP16001

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

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

☐ Dr. ☐ Ms. ☐ Mr. ☐ Mrs.

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: _____ / _____ / **XX**
Month Day

Please indicate if you have any special needs: _____

Registration Fees:

- ☐ **\$430** Physicians
- ☐ **\$345** Nurses/Allied Health Professionals/Residents/Fellows

Make checks payable to *UC Regents*

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ AmEx for \$ _____

Card # _____ / _____ / _____
Expiration date

Name on Card (Please Print) _____ Authorized Signature _____

Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

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

Hotel Kabuki
1625 Post Street
San Francisco, CA 94115
www.jdvhotels.com
415-922-3200

