

Breast Imaging Update

November 10-12, 2016

CME Credits: 15

Self-Assessment Credits: 9.25

2 Optional Mini-Courses

CME Credits: 3.75 each

Ultrasound Update

November 13-14, 2016

CME Credits: 8.25

Self-Assessment Credits: 8.0

1 Optional Hands-on Mini-Course

CME Credits: 1.5



Omni Rancho las Palmas Resort & Spa
Palm Springs, California

UCSF Department of Radiology
and Biomedical Imaging

<https://radiology.ucsf.edu/cme>

Breast Imaging Update

November 10-12, 2016

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Course Outline

This breast imaging course is designed for the clinical radiologist who specializes in breast imaging or who practices general diagnostic radiology including breast imaging. A practical approach will be emphasized, providing an overview and update on clinically relevant topics in diagnostic imaging of the breast. This course also fulfills the continuing medical education requirement for MQSA in breast imaging.

The course will highlight recent developments, including the new 5th edition of BI-RADS and the opportunity for attendees to discuss these updates with the experts who have developed these protocols. There will be daily interactive panel question and discussion sessions, and three small group workshops that will focus on interpretation and diagnosis of challenging cases using various imaging methods.

Self-Assessment

This course will offer 9.25 Self-Assessment credits in Breast Imaging. As of January 1, 2013, updated MOC Part 2 requirements: 75 CME credits every three years, at least 25 of which must be self-assessment activities (SA-CME, which includes SAMs). For more information: www.theabr.org/moc-dr-comp2

Course Objectives

At the completion of this course, the attendee should be able to:

1. Apply and utilize BI-RADS categories as appropriate;
2. Develop a skillful and practical approach to performing and interpreting mammography, tomosynthesis, breast US and breast MRI;
3. Anticipate and resolve potential medicolegal issues relevant to breast imaging.

Two Optional Mini-Courses

Two optional half-day mini-courses will be offered, which will further explore the clinical applications of evolving imaging techniques to breast cancer detection and diagnosis:

1. *Tomosynthesis, Breast Density and Risk Assessment* on Friday afternoon (separate registration and fee). This optional mini-course provides an additional 3.75 CME credits, and 3.5 SA-CME credits.
2. *Breast MRI* on Saturday afternoon (separate registration and fee). This optional mini-course provides an additional 3.75 CME credits, and 3.75 SA-CME credits.

Course Faculty

Heather I. Greenwood, MD
Course Chair
Assistant Professor of Radiology

Rita I. Freimanis, MD, FACP
Professor of Clinical Radiology

Jessica H. Hayward, MD
Assistant Professor of Radiology

Bonnie N. Joe, MD, PhD
Professor of Radiology
Chief, Breast Imaging

Edward A. Sickles, MD, FACP
Professor Emeritus of Radiology

Guest Faculty

Emily F. Conant, MD
Professor of Radiology
Chief, Breast Imaging
University of Pennsylvania at Philadelphia

Registration

<https://www.cme.ucsf.edu>

Pre-registration is encouraged to ensure your space in this course.

Pre-register by September 16, 2016 and save \$50 on your enrollment fee.

Tuition \$ 700 for all medical professionals; registration discounts are available for qualifying attendees, please review the registration form on the last page.

On-site Registration

Thursday, November 10, 2016 at 7:00 am
Omni Rancho las Palmas Resort

Syllabus An electronic syllabus and paper notebook will be provided onsite. You must provide an email address with your registration to receive advance syllabus information, which will be distributed electronically.

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General Program Morning Sessions

Thursday, November 10, 2016

7:00 am	Registration and Continental Breakfast	
7:25	Welcome and Introductions	Heather I. Greenwood, MD
7:30	The Current BI-RADS 5th Edition: Mammography ^{SA}	Edward A. Sickles, MD
8:00	Breast Ultrasound and BI-RADS Update ^{SA}	Jessica H. Hayward, MD
8:45	Controversies in Breast Cancer Screening: ^{SA} What Do the Data Really Show?	Edward A. Sickles, MD
9:30	Recess	
9:45	Digital Breast Tomosynthesis: Today and Tomorrow ^{SA}	Emily F. Conant, MD
10:30	Mammographic Follow-up as Alternative to Biopsy ^{SA}	Edward A. Sickles, MD
11:15	Case-Based False Positives and Negatives: Where Did We Go Wrong? ^{SA}	Emily F. Conant, MD
12:00 pm	SAM Questions and Faculty Panel	Heather I. Greenwood, MD
12:45	Adjourn	

Friday, November 11, 2016

7:00 am	Continental Breakfast	
7:30	Breast MRI BI-RADS: Current Edition ^{SA}	Heather I. Greenwood, MD
8:00	Breast MRI Biopsy: Tips & Tricks ^{SA}	Bonnie N. Joe, MD PhD
8:30	Mammographic Analysis of Calcifications ^{SA}	Heather I. Greenwood, MD
9:00	Approach to Diagnostic Imaging ^{SA}	Rita I. Freimanis, MD
9:45	Recess	
10:00	Current Concepts in Imaging of Nodal Involvement in Breast Cancer ^{SA}	Jessica H. Hayward, MD
10:30	Stereotactic Core Biopsy ^{SA}	Heather I. Greenwood, MD
11:00	The Palpable Breast Mass ^{SA}	Rita I. Freimanis, MD
11:45	SAM Questions and Faculty Panel	Heather I. Greenwood, MD
12:45 pm	Adjourn	

Saturday, November 12, 2016

7:00 am	Continental Breakfast	
7:30 am	Small Group Workshops: Parallel Sessions A	Course Faculty
9:10	Small Group Workshops: Parallel Sessions B	Course Faculty
10:50	Recess	
11:05	Small Group Workshops: Parallel Sessions C	Course Faculty
12:45	Adjourn	

Workshop Sessions Registrants will be divided into three groups at the beginning of the course, and each group will rotate through all three workshops. Dr. Sickles' workshop is based on 20 "unknown" cases that will be displayed on digital workstations. Registrants should plan an adequate block of time to preview these cases prior to attending his workshop (cases will be available for viewing starting at 8 am on Thursday).

Tomosynthesis Multi-modality Case Review - Emily Conant, MD

Instructive Breast MRI Cases - Bonnie N. Joe, MD, PhD

Challenging Digital Mammography Cases - Edward A. Sickles, MD

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Optional Mini-Courses Separate Registrations and Fees

Friday, November 11, 2016 - OPTIONAL: Tomosynthesis, Breast Density and Risk Assessment

1:30 pm	Tomosynthesis: Pearls for Implementation into Clinical Practice ^{SA}	Emily F. Conant, MD
2:15	Supplementary Screening in an Era of Breast Density Legislation ^{SA}	Edward A. Sickles, MD
3:00	Tomosynthesis with Multi-Modality Correlation: Case Review 1 ^{SA}	Rita I. Freimanis, MD
3:30	Recess	
3:45	Beyond Breast Density: Risk Assessment in Breast Imaging ^{SA}	Emily F. Conant, MD
4:15	Tomosynthesis with Multi-Modality Correlation: Case Review 2 ^{SA}	Rita I. Freimanis, MD
4:45	SAM Questions and Faculty Panel	Heather I. Greenwood, MD
5:30	Adjourn	

Saturday, November 12, 2016 - OPTIONAL: Breast MRI

1:30 pm	Breast MR Optimization for the Clinical Radiologist ^{SA}	Bonnie N. Joe MD, PhD
2:15	Emerging Technology in Breast MRI: DWI, Spectroscopy, Fast MRI ^{SA}	Bonnie N Joe, MD PhD
3:00	MR Safety ^{SA}	Bonnie N. Joe, MD, PhD
3:30	Recess	
3:45	Breast Radiologist Communication: Delivering Bad News ^{SA}	Jessica H. Hayward MD
4:15	Monitoring Response to Therapy in Breast Cancer MR and PET/CT ^{SA}	Bonnie N. Joe, MD PhD
5:00	SAM Questions and Faculty Panel	Jessica H. Hayward, MD
5:30	Adjourn	

Accreditation

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

General Session UCSF designates this live activity for a maximum of **15.0 AMA PRA Category 1 Credits**.™

Additional MQSA / ACR credits include: 3.0 in MR, 1.5 in US, 0.5 in Biopsy, 4.5 in Digital Mammography, and 2.5 in Tomosynthesis. Registrants will review 20 mammography cases.

Tomosynthesis Mini-Course UCSF designates this live activity for a maximum of **3.75 AMA PRA Category 1 Credits**.™

Additional MQSA / ACR credits include: 0.5 in MR, 0.5 in US, 0.25 in Digital Mammography, and 1.75 in Tomosynthesis.

Breast MRI Mini-Course UCSF designates this live activity for a maximum of **3.75 AMA PRA Category 1 Credits**.™

Additional MQSA / ACR credits include: 3.0 in MR and 0.25 in Biopsy.

Physicians should claim only the credit commensurate with the extent of their participation in each activity.

This educational activity meets the requirement under California State Assembly Bill 1195, continuing education and cultural and linguistic competency.

^{SA} These lectures will include Self-Assessment Credit (SA-CME).

Ultrasound Update

November 13-14, 2016

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Course Outline

This course is designed for all clinical radiologists whose practices include diagnostic ultrasound. The program offers an overview and updates of obstetric, gynecologic, small parts and Doppler sonography. A wide range of applications of ultrasound will be covered, with emphasis on practical approaches and clinical relevance.

Highlights include: recent developments in the use of ultrasound contrast and applications of musculoskeletal sonography, new guidelines regarding ultrasound assessment of early pregnancy and postmenopausal bleeding, and information about incorporating quality improvement in the utilization of ultrasound.

Attendees will learn how to optimize ultrasound-guided procedures, and an optional small group workshop will be offered to allow for hands-on practice. There will be daily interactive sessions and opportunities for questions and discussion.

Self-Assessment

This course will offer 8.0 Self-Assessment credits in Ultrasound. As of January 1, 2013, updated MOC Part 2 requirements: 75 CME credits every three years, at least 25 of which must be self-assessment activities (SA-CME, which includes SAMs). For more information: www.theabr.org/moc-dr-comp2

Course Objectives

At the completion of this course, the attendee should be able to:

1. Identify established ultrasound criteria for determination of normal and abnormal early intrauterine pregnancies;
2. Know published guidelines for ultrasound examinations done to assess 1st and 2nd trimester pregnancies and recognize features of ectopic pregnancies;
3. Learn new applications and ways to introduce use of ultrasound contrast in clinical practice;
4. Implement technical tips for optimizing image quality and avoiding errors in interpretation of ultrasound exams, useful for incorporating Continuous Quality Improvement (CQI) program in clinical practice;
5. Learn current updates on ultrasound applications/assessment of the pelvis, scrotum, thyroid, and musculoskeletal system;
6. Recognize common vascular abnormalities detectable by Doppler ultrasound and identify potential pitfalls in Doppler technique;
7. Understand ways to optimize performance of ultrasound-guided percutaneous procedures.

Optional Hands-on Mini-Course

An optional mini-course will be offered on Sunday afternoon. This hands-on opportunity for real-time practice of procedures using phantoms will allow for individual assistance. Technical tips and suggestions regarding needle selection and approach will be provided.

This optional mini-course provides an additional 1.5 CME credits.

Course Faculty

Vickie A. Feldstein, MD

Course Chair

Professor of Radiology, and of Obstetrics, Gynecology and Reproductive Sciences

Roy A. Filly, MD

Professor Emeritus of Radiology, and of Obstetrics, Gynecology and Reproductive Sciences

Lori A. Strachowski, MD

Professor of Radiology, and of Obstetrics, Gynecology and Reproductive Sciences
Chief, Ultrasound
San Francisco General Hospital

Stefanie Weinstein, MD

Associate Professor of Radiology
Assistant Director, Radiology Residency
Chief, Ultrasound
Veterans Affairs Medical Center

Registration

<https://www.cme.ucsf.edu>

Pre-registration is encouraged to ensure your space in this course.

Pre-register by September 16, 2016 and save \$50 on your enrollment fee.

Tuition \$ 600 for all medical professionals; registration discounts are available for qualifying attendees, please review the registration form on the last page.

On-site Registration

Sunday, November 13, 2016 at 7:30 am
Omni Rancho las Palmas Resort

Syllabus An electronic syllabus and paper notebook will be provided onsite. You must provide an email address with your registration to receive advance syllabus information, which will be distributed electronically.

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Course Program

Sunday, November 13, 2016

7:30 am	Registration and Continental Breakfast	
8:00	Welcome and Announcements	Vickie A. Feldstein, MD
8:10	US Assessment of Early Pregnancy Failure: New Criteria ^{SA}	Lori M. Strachowski, MD
8:40	Vascular/Doppler US: Pearls & Pitfalls ^{SA}	Stefanie Weinstein, MD
9:20	Thyroid US: Which Nodules to Biopsy ^{SA}	Vickie A. Feldstein, MD
9:50	Recess / Pre-view Case-of-the-Day	
10:00	Postmenopausal Endometrium: Considerations, Cutoffs & Controversies ^{SA}	Lori M. Strachowski, MD
10:40	Musculoskeletal (MSK) Ultrasound: an Introduction ^{SA}	Stefanie Weinstein, MD
11:20	Scrotal Sonography: an Organized Approach ^{SA}	Lori M. Strachowski, MD
11:45	US Guidance for Needle Procedures ^{SA}	Vickie A. Feldstein, MD
12:20 pm	Review Case-of-the-Day, Questions & Discussion	
12:30	Adjourn	

Monday, November 14, 2016

7:30 am	Continental Breakfast	
8:00	Ultrasound Contrast: Update ^{SA}	Stefanie Weinstein, MD
8:30	Acute Pelvic Pain in the Non-Pregnant Patient ^{SA}	Lori M. Strachowski, MD
9:10	Recess / Pre-view Case-of-the-Day	
9:20	Level 1 OB US: Guidelines & Update ^{SA}	Lori M. Strachowski, MD
9:50	Ultrasound CQI: Lessons Learned ^{SA}	Vickie A. Feldstein, MD
10:10	Ectopic Pregnancy: The Usual Stuff ^{SA}	Roy A. Filly, MD
11:10	Recess / Pre-view Case-of-the-Day	
11:20	Ectopic Pregnancy: All the Other Stuff ^{SA}	Roy A. Filly, MD
12:20 pm	Review Case-of-the-Day, Questions & Discussion	
12:30	Adjourn	

Accreditation

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

General Session UCSF designates this live activity for a maximum of **8.25** AMA PRA Category 1 Credits.[™]

The total credits are inclusive of 8.25 in Ultrasound.

Needle Biopsy UCSF designates this live activity for a maximum of **1.5** AMA PRA Category 1 Credits.[™]

The total credits are inclusive of 1.5 in Ultrasound.

Physicians should claim only the credit commensurate with the extent of their participation in each activity.

This educational activity meets the requirement under California State Assembly Bill 1195, continuing education and cultural and linguistic competency.

^{SA} These lectures will include Self-Assessment Credit (SA-CME).

Sunday,
November 13, 2016
2:00 - 3:30 pm

Optional Hands-on: US-Guided Procedures

Separate Registration
and Fee
limited to 16 persons

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Hotel Reservations

tel: 866-423-1195 / 760-568-2727

Book online: <http://tinyurl.com/www-omnihotels-com-UCSFnov2016>

Run of House: \$185 / Reservation deadline: Monday, October 17, 2016

The daily resort fee has been reduced to \$5 per day (regularly \$32) for UCSF attendees who book directly with the hotel via phone or reservation weblink only.

When making your accommodation decisions, please take into consideration that staying at the host hotel helps UCSF meet its contractual obligations and keeps registration fees reasonable.

The Omni RLP has reserved a limited block of rooms at special room rates for this conference. Book online using the weblink above, or call the Reservations Department directly at the number above and mention that you are attending the UCSF Radiology course to receive the discounted rates.

Conference rates for reservation requests made after the deadline cannot be guaranteed and will be extended on a space-available basis only. A credit card number is required to guarantee your reservation. The room rate includes in-room high-speed internet access, fitness center access, local and toll-free calls, and in-room coffee.

A third adult per room is \$15 per night, fourth adult \$25; no additional charge for children under 18. Check-in is 4:00 pm, check-out is 11:00 am. Rates exclude 11% state & local taxes, 2% business development fee, 0.15% state tourism fee (subject to change). No-shows and cancellations made less than 7 days from scheduled arrival will be charged a one night's stay. Early departure fee is \$75. Valet and self-parking are both complimentary.

Omni Rancho las Palmas Resort & Spa

www.omnihotels.com/hotels/palm-springs-rancho-las-palmas

41-000 Bob Hope Drive – Rancho Mirage, CA 92270

The Omni Rancho Las Palmas is the embodiment of new desert cool. Guests will enjoy new experiences such as Splashtopia, a family-fun pool and water playground; and bluEmber, the signature restaurant in the heart of the plaza, which exudes the sun-drenched charm and relaxed elegance of the Southern California desert.

Adjacent to the Resort is a 27-hole Ted Robinson-designed golf course, with three distinct 9-hole layouts. Rounding out the dramatic changes are a new lobby, enhanced guest rooms, the refurbished 20,000-square-foot European-style Spa Las Palmas, an Internet marketplace, and the sporty R Bar & Lounge.

Within walking distance of the Resort is The River, a family-friendly shopping, restaurant and theater complex. El Paseo Drive and the Westfield Shopping Center are only two miles away.



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Air Travel

UCSF Radiology has negotiated fare discounts of up to 5% off coach fares and up to 10% off first class fares with Delta and United Airlines for course attendees. To ensure the lowest fares, please book with the airline directly using the codes below:

Airline	Promo Code	Toll-Free (add'l booking fee)
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Delta	NMLQD	800-328-1111
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<http://tinyurl.com/www-delta-com-book>

United	ZVGJ386709	800-426-1122
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<http://tinyurl.com/www-united-com-book>

PSP / www.palmspringsairport.com

The ONTario airport is about 80 miles or 1.5 hours away.

LAX and SAN Diego are about 130 miles / 2.5 hours away.

Hertz Car Rental

www.hertz.com / CV# 01SY0262 / Hertz 800-654-2240

Arrangements have been made with Hertz for special rates during this UCSF meeting, as well as one week before and after this meeting. Rentals can be arranged for either Palm Springs or Ontario airports. Reserve using the phone and CV numbers listed above.



The Greater Palm Springs Area

Palm Springs is located about 130 miles or a two-hour drive east of Los Angeles. The area includes the neighboring towns of Cathedral City, Rancho Mirage, Palm Desert and Indian Wells, as you travel southeast along Route 10 or Highway 111. The area has an average 350 days of sunshine a year, and winter temperatures are usually in the 70's.

The mix of southwestern culture and California history combine to make the Palm Springs area an eclectic mix of food, culture, outdoor activities, and an ideal opportunity for the art aficionado or furniture collector to enjoy the search for that unique find.

Palm Springs Highlights

www.visitgreaterpalm Springs.com

Villagefest – on Thursday evenings in downtown Palm Springs: enjoy an array of artists, artisans, entertainers, snacks and a farmers market.

The Gardens on El Paseo – stroll and shop on one of the most bountiful upscale shopping venues.

Living Desert Zoo & Botanical Garden – 1,200 acres of scenic trails and exhibits including gardens, live animal shows, a play park, a model train exhibit and tram rides.

Children's Discovery Museum – with over fifty hands-on exhibits for kids of all ages.

Moorten Botanical Gardens – examine over 3,000 examples of southwestern cacti and plants.

Air Museum – experience one of the world's largest collections of WW2 fighter planes.

Aerial Tramway – ascend 8,000 feet in the world's largest rotating tramcars, with a spectacular, never-ending panoramic view of Palm Springs below.

Joshua Tree National Park – located on the northeast edge of the Palm Springs area, the nearly 800,000 acre park encompasses the most interesting geologic displays found in California's deserts.



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REGISTRATION

Breast Imaging / Nov 10-12

RAD17012

Ultrasound Update / Nov 13-14

RAD17004

Early Enrollment Deadline: Friday, September 16, 2016

Four easy ways to register:

1. Mail this form to UCSF Office of CME, PO Box 45368, San Francisco, CA 94145-0368
2. Phone using Visa, Amex or Mastercard. 415-476-5808, 8:30 am - 4:00 pm (Pacific Time)
3. Online at <https://www.cme.ucsf.edu>
4. Fax this form to 415-502-1795

REGISTRANT INFORMATION (PLEASE PRINT)

Name _____
First Last Degree

Address _____

Tel _____ Fax _____
Area Code Area Code

E-mail _____

You must provide your email address to receive advance syllabus information.

Paper copies will not be provided on site.

Would you like to receive general UCSF Radiology CME email notices? ☐ Yes ☐ No

Month / Day of Birth for record verification: _____ / _____ / XXXX
month day year

METHOD OF PAYMENT

☐ Visa ☐ Mastercard ☐ American Express ☐ Check, payable to UC Regents.

Card No. _____

Exp. Date _____ Signature _____

Payment may be made by credit card or by check or money order drawn on a U.S. bank in U.S. currency. We regret that we cannot accept checks drawn on foreign banks. Enrollment confirmation will be mailed to you within two weeks of receipt of the application.

Cancellation A refund of the enrollment fee, less \$75, will be made upon receipt of a written request only by Friday, October 28, 2016. No refunds will be made after this date.

No discounts on Optional Sessions or Morning Daily Fee, cancellation policy applies.

In the unlikely event that the program is cancelled, UCSF Radiology will refund the registration fee in full, but cannot be responsible for any hotel or travel costs.

You must register for each course/session separately.

BREAST AM - 3 DAYS

By 9/16/16 After 9/16/16

☐ \$ 650 ☐ \$ 700

☒ \$ 580 ☒ \$ 630

☒ \$ 510 ☒ \$ 560

☒ \$ 440 ☒ \$ 490

FULL COURSE - AM SESSIONS

Loyalty Discount applies only to live courses attended (not home-study)

Standard Rate no UCSF Rad paid course 2015 cal year

Silver Status 10% discount 1 UCSF Rad paid course 2015 cal year

Gold Status 20% discount 2 UCSF Rad paid courses 2015 cal year

Platinum Status 30% discount 3 UCSF Rad paid courses 2015 cal year

ULTRASOUND AM - 2 DAYS

By 9/16/16 After 9/16/16

☐ \$ 550 ☐ \$ 600

☒ \$ 490 ☒ \$ 540

☒ \$ 430 ☒ \$ 480

☒ \$ 370 ☒ \$ 420

OPTIONAL PM SESSIONS

☐ \$195 Fri PM, Nov 11 - Tomo & Breast Density

☐ \$195 Sat PM, Nov 12 - Breast MRI

OPTIONAL PM SESSION

☐ \$95 Sun PM, Nov 13 - Needle Biopsy
(limited to 16 persons)