

BREAST IMAGING UPDATE

NOVEMBER 8-10, 2015

HYATT REGENCY RESORT
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WOMEN'S OB/GYN IMAGING

NOVEMBER 11-13, 2015

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*15 CME Credits
15 Self-Assess Credits*



*15 CME Credits
15 Self-Assess Credits*



RADIOLOGY AND
BIOMEDICAL IMAGING
UNIVERSITY OF CALIFORNIA
SAN FRANCISCO

BREAST IMAGING UPDATE

November 8–10, 2015

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.

An opportunity for completion of **15 Self-Assessment activities (SAM)** in breast imaging will be offered at this course. 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.

At the completion of the general breast imaging session, 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, breast US and breast MRI;
3. Anticipate and resolve potential medicolegal issues relevant to breast imaging.



An optional half-day mini-course will be offered, focusing on tomosynthesis, breast density and other hot topics on Monday afternoon (separate registration and fee). This optional mini-course provides an additional 3.5 CME credits.

This optional mini-course will provide a concentrated overview of the current status of tomosynthesis, advanced MRI techniques, contrast-enhanced mammography and other emerging technologies. Emphasis will be placed on the clinical applications of these evolving techniques to breast cancer detection and diagnosis.

This session also provides the opportunity for **3.5 Self-Assessment credits (SAM)**.

At the completion of the optional mini-course session, the attendee should be able to:

1. Describe practical approaches to the implementation of tomosynthesis and other emerging technologies in a breast imaging practice;
2. Gain practice in analyzing and interpreting tomosynthesis cases.

WOMEN'S OB/GYN IMAGING UPDATE

November 11-13, 2015

This women's imaging course is designed to reinforce the basic foundations of conventional abdomino-pelvic imaging, strengthen the concepts of advanced applications and anticipate what is coming on the horizon. The course will focus on conditions and complications relative to female anatomy and pathology in both the gynecologic and reproductive systems.

The indications for use of CT, MR and US will be reviewed, as well as further indications for secondary imaging studies to confirm difficult diagnoses. These imaging methods will also be reviewed in conjunction with interventional techniques regularly used in alleviating common ob/gyn conditions.

An opportunity for completion of **15 Self-Assessment credits** (12 in Women's/Obgyn and 3 in Interventional) will be offered at this course. 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.

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

1. Identify indications for complementary use of different imaging modalities (CT/ MR/ US) for various abdomino-pelvic organs and conditions.;
2. Recognize normal anatomy, common pathological conditions and post-operative appearances of the abdomen & pelvis;
3. Implement practical procedures and technical tips for optimizing image quality, as well as potential pitfalls and limitations;
4. Identify markers and indications for routine ob-gyn interventional procedures.



Enrollment

Pre-registration is encouraged to ensure your space in these courses.

Pre-register by Sep. 11, 2015 and SAVE \$50 on one course or \$100 on both courses.

Registration form is on page 11.

TUITION \$700 for each three-day session, for all medical professionals.

Registration discounts are available for qualifying attendees, please review the registration form on page 11.

SYLLABUS An electronic syllabus and paper notebook will be provided onsite.

Printable PDFs of presentations will be available online one week prior to the course, so attendees can print out and bring pertinent presentations with them.

You must provide an email address with your registration to receive advance syllabus information. Paper copies of presentations will not be provided onsite.

BREAST IMAGING UPDATE

UCSF Faculty

Kimberly M. Ray, MD, PhD

Course Chair

Assistant Professor of Clinical Radiology

Associate Chief, Women's Imaging

Rita I. Freimanis, MD

Professor of Clinical Radiology

Heather I. Greenwood, MD

Assistant Professor of Radiology

Jessica H. Hayward, MD

Assistant Professor of Radiology

Bonnie N. Joe, MD, PhD

Professor of Radiology

Chief, Women's Imaging

Edward A. Sickles, MD, FACR

Professor Emeritus of Radiology

SUNDAY, NOVEMBER 8, 2015

7:00 am	Registration and Continental Breakfast	
7:30	BI-RADS Update: 5th Edition	Edward A. Sickles, MD
8:15	Breast Masses and Asymmetries	Kimberly M. Ray, MD, PhD
9:00	Breast Calcifications	Heather I. Greenwood, MD
9:45	Recess	
10:00	Breast Ultrasound and BI-RADS	Jessica H. Hayward, MD
10:45	Mammographic Follow-up as Alternative to Biopsy	Edward A. Sickles, MD
11:15	Imaging of Nodal Involvement in Breast Cancer	Jessica H. Hayward, MD
12:00 pm	SAM Questions and Faculty Panel: Appropriate Use of BI-RADS	Kimberly M. Ray, MD, PhD
12:45	Adjourn	

MONDAY, NOVEMBER 9, 2015

7:00 am	Registration and Continental Breakfast	
7:30	The Male Breast	Rita I. Freimanis, MD
8:15	Tomosynthesis for Screening and Diagnosis	Kimberly M. Ray, MD, PhD
9:00	Workup of the Palpable Breast Mass	Rita I. Freimanis, MD
9:45	SAM Questions and Faculty Panel	Bonnie N. Joe, MD, PhD
10:15	Recess	
10:30	MRI Case-Based Review and BI-RADS Interpretation	Kimberly M. Ray, MD, PhD
11:00	MR Imaging of Ductal Carcinoma in Situ	Heather I. Greenwood, MD
11:30	Breast MR Interventions	Bonnie N. Joe, MD, PhD
12:00 pm	SAM Questions and Faculty Panel: Breast MRI	Kimberly M. Ray, MD, PhD
12:45	Adjourn	

TUESDAY, NOVEMBER 10, 2015

7:00 am	Continental Breakfast	
7:30	Case Review - Parallel Sessions A	<i>Tuesday Challenging Cases (with SAM)</i> <i>Breast MRI - Dr. Bonnie Joe</i> <i>Mammography - Dr. Edward Sickles</i> <i>Multi-Modality - Dr. Kimberly Ray</i>
9:10	Case Review - Parallel Sessions B	
10:50	Recess	
11:05	Case Review - Parallel Sessions C	
12:45 pm	Adjourn	

Breast Imaging Challenging Cases 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 this workshop (cases will be available for viewing starting at 8 am on Sunday).

Breast Imaging 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.

UCSF designates this live activity for a maximum of **15.0 AMA PRA Category 1 Credits™**. Each physician should claim only the credit commensurate with the extent of their participation in the activity.

Additional MQSA / ACR credits include: 6.0 in digital mammography, 4.5 in breast MRI, 2.0 in breast ultrasound and 1.5 in tomosynthesis. Registrants will review 20 mammography cases.

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

OPTIONAL WORKSHOP - MONDAY, NOVEMBER 9, 2015

Tomosynthesis, Breast Density and other Hot Topics

Additional registration required, lunch will be provided for registrants

1:30 pm	Breast Density: How Important is It?	Edward A. Sickles, MD
1:50	Supplementary Screening in an Era of Breast Density Legislation	Edward A. Sickles, MD
2:10	Practical Issues in Tomosynthesis Implementation	Rita I. Freimanis, MD
2:30	Optimizing Breast MRI for the Clinical Radiologist	Bonnie N. Joe, MD, PhD
3:00	Recess	
3:15	Tomosynthesis: Diagnostic Work-up and Biopsy	Rita I. Freimanis, MD
3:45	MRI and PET/CT for Monitoring Treatment Response	Bonnie N. Joe, MD, PhD
4:30	SAM Questions and Faculty Panel	Bonnie N. Joe, MD, PhD
5:15	Adjourn	

Optional Mini-Course 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.

UCSF designates this live activity for a maximum of **3.5 AMA PRA Category 1 Credits™**. Each physician should claim only the credit commensurate with the extent of their participation in the activity.

Additional MQSA / ACR credits include: 0.5 in digital mammography, 1.75 in breast MRI, 0.5 in breast ultrasound and 1.0 in tomosynthesis. Registrants will review 20 mammography cases.

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

WOMEN'S OB/GYN IMAGING UPDATE

UCSF Course Chair

Liina Poder, MD

Associate Professor of Clinical Radiology

Guest Faculty

Julia R. Fielding, MD

Professor of Radiology

Chief, Abdominal Imaging

University of North Carolina School
of Medicine at Chapel Hill

UCSF Faculty

Maureen P. Kohi, MD

Assistant Professor of Clinical
Radiology

Tara A. Morgan, MD

Assistant Professor of Radiology

Michael A. Ohliger, MD, PhD

Assistant Professor of Radiology



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.

UCSF designates this activity for a maximum of **15.0 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The total credits are inclusive of 2.25 in CT, 5.5 in MR and 4.0 in US.

Physician Assistants The National Commission on Certification of Physician Assistants (NCCPA) states that *AMA PRA Category 1 Credits™* are acceptable for continuing medical education requirements for recertification.

Nurses The California Board of Registered Nursing accepts *AMA PRA Category 1 Credits™* toward license renewal.

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

WEDNESDAY, NOVEMBER 11, 2015

7:00 am	Registration and Continental Breakfast	
7:30	Multi-modality Imaging of Benign Uterine Disease	Liina Poder, MD
8:30	GYN Oncology: What Really Works	Julia R. Fielding, MD
9:30	Acute Pelvic Pain in the Reproductive-Age Female	Liina Poder, MD
10:30	Recess	
10:45	Imaging of the Pregnant Patient	Julia R. Fielding, MD
11:45	Invasive Placenta: Management and Outcomes	Maureen P. Kohi, MD
12:45 pm	Adjourn	

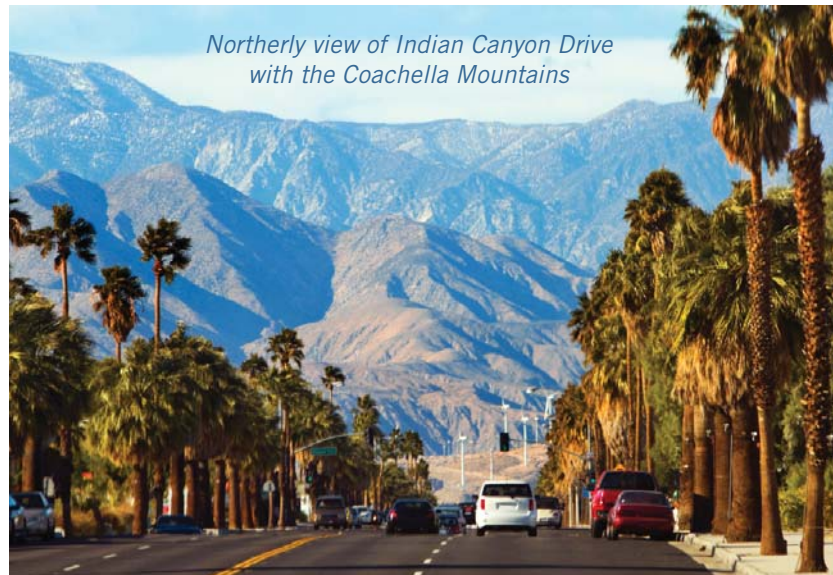
THURSDAY, NOVEMBER 12, 2015

7:00 am	Continental Breakfast	
7:30	Multi-modality Imaging of Adnexa	Liina Poder, MD
8:30	Infertility: HSG to MRI	Julia R. Fielding, MD
9:30	Fertility and Fallopian-Tube Interventions	Maureen P. Kohi, MD
10:30	Recess	
10:45	Pelvic Congestion Syndrome: Imaging Features and Clinical Presentation	Maureen P. Kohi, MD
11:45	Pelvic Floor Dysfunction	Julia R. Fielding, MD
12:45 pm	Adjourn	

FRIDAY, NOVEMBER 13, 2015

7:00 am	Continental Breakfast	
7:30	Non-Gynecologic Causes of Pelvic Pain	Michael A. Ohliger, MD, PhD
8:30	Pitfalls in Obstetric Ultrasound	Tara A. Morgan, MD
9:30	Endovaginal Ultrasound-Guided Procedures	Tara A. Morgan, MD
10:30	Recess	
10:45	MRI Tips & Tricks: a Case-Based Approach	Michael A. Ohliger, MD, PhD
11:45	Gynecology Related CT Findings: Pearls & Pitfalls	Tara A. Morgan, MD
12:45 pm	Adjourn	

All course lectures will include Self-Assessment questions.





Hyatt Reservations

Toll-free: 888-421-1442

Online: <http://resweb.passkey.com/go/ucsfwomens>

Reservation deadline: Wed, October 7, 2015

Standard Room (single/double): \$169.

The daily resort fee has been waived for UCSF attendees who book directly with the hotel using the phone or email listed above. The room rate includes high-speed internet access, fitness center access 24/7, local and toll-free calls, and in-room coffee.

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 Hyatt has reserved a limited block of rooms at special room rates for this conference. 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. Rates exclude 11.25% state & local taxes, 2% business development fee, 1% tourism fee, 0.20% state assessment fee (subject to change).

Additional \$25 per person (each) per night for third and/or fourth person per room. Check-in is 4:00 pm, check-out is 11:00 am. Cancellations made less than 72 hours from scheduled arrival, early departures not notified at check-in, and no-shows will be charged a one night's stay. Valet parking is \$25, self-park is \$10 (nightly fee).



Hyatt Regency Indian Wells

<http://indianwells.hyatt.com/en/hotel/home.html>

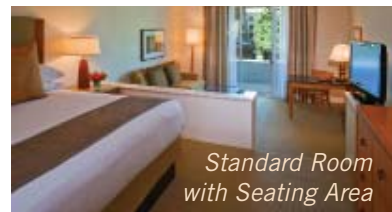
44600 Indian Wells Lane / Indian Wells, CA 92210

Tel: 760-341-1000

All rooms at the resort are suite-style and feature 550 square feet of separate seating and sleeping areas, and include high-speed internet access, a flat screen tv, a mini-fridge, a coffee maker, and iHome stereo system with iPod docking station.

The resort features seven heated pools, with both family and adult sections. The Aqua Serena Spa was featured on "100 Best Spas in the World" and provides a variety of treatments for pampering and rejuvenation. The resort offers full-service dining, a poolside cafe, deli take-out, as well as in-room dining. Resort activities include yoga, jogging trails, tennis and golf lessons, and Camp Hyatt for kids ages 3-12.

Guests can experience true world-class golf located adjacent to the resort grounds at the Indian Wells Golf Resort, home to the LG Skins game. The El Paseo Shopping and Entertainment district is only two miles/ five minutes away. Hot Air Ballooning, Desert Jeep tours, the Empire Polo grounds, the Living Desert Zoo and Children's Discovery Museum are all nearby.



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 website directly using the codes below:

Airport code: **PSP** www.palmspringsairport.com

Airline	Online	Code	Tel
Delta	www.delta.com	NMJNW	800-328-1111
United	www.united.com	ZSN9112526	800-426-1122 (\$25 fee via phone)

The ONTario airport is about 80 miles or 1.5 hours away.
LAX and SAN Diego are about 130 miles / 2.5 hours away.

Car Rental

Hertz 800-654-2240 or www.hertz.com / **CV #** 01SY0259

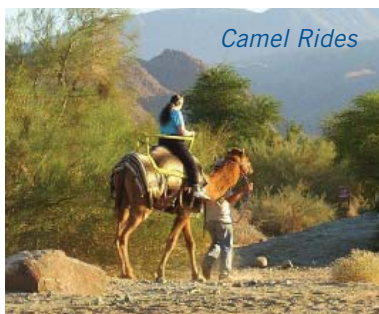
Arrangements have been made with **Hertz Car Rental** for special rates during this UCSF meeting, as well as one week before and after this meeting. Rentals can be arranged for either Palm Springs or Ontario airports. Reserve using the phone and CV numbers listed above.

The Greater Palm Springs Area

www.palmspringsusa.com

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.



Camel Rides



Joshua Tree

For more information on these and other activities:
www.visitgreaterpalmsprings.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.

REGISTRANT INFORMATION (PLEASE PRINT)

Name _____
First Last Degree
 Address _____

Tel _____
Area code
 Fax _____
Area code
 E-mail _____

You must provide an email address with your registration 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: ____/____/____ / ____/____/____ X X

METHOD OF PAYMENT

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

Card No. _____

Exp. Date _____ Signature _____

Cancellation A refund of the enrollment fee, less \$75, will be made upon receipt of a written request only (fax or email) by Friday, October 23, 2015. No refunds will be made after this date.

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. 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.

Four easy ways to register:

1. **Online** at www.cme.ucsf.edu
2. **Fax** this form to 415-502-1795
3. **Mail** this form to: UCSF Office of CME,
PO Box 45368, SF, CA 94145-0368
4. **Phone** using Visa, Amex or MC, 415-476-5808,
8:30 am - 4:00 pm (Pacific time)

You must register for BOTH the Breast and Women's courses SEPARATELY:

BREAST IMAGING UPDATE (Sun – Tuesday)

November 8–10, 2015 (RAD16 012)

By 9/11/15 After 9/11/15 Loyalty Discount applies only to **live** courses attended

☐ \$ 650	☐ \$ 700	Standard Registration	No UCSF Rad pd course 2014 cal yr
☐ \$ 580	☐ \$ 630	Silver Status 10% discount	1 UCSF Rad pd course 2014 cal yr
☐ \$ 510	☐ \$ 560	Gold Status 20% discount	2 UCSF Rad pd courses 2014 cal yr
☐ \$ 440	☐ \$ 490	Platinum Status 30% disc	3+ UCSF Rad pd courses 2014 cal yr

☐ \$195 OPTIONAL Tomosynthesis - Mon, Nov 9 PM

Daily Fee: ☐ 11/08 Sun ☐ 11/09 Mon ☐ 11/10 Tue
 \$300 per day (no discounts, cancellation policy applies)

WOMEN'S OB/GYN IMAGING UPDATE (Wed – Friday)

November 11–13, 2015 (RAD16 004)

By 9/11/15 After 9/11/15 Loyalty Discount applies only to **live** courses attended

☐ \$ 650	☐ \$ 700	Standard Registration	No UCSF Rad pd course 2014 cal yr
☐ \$ 580	☐ \$ 630	Silver Status 10% discount	1 UCSF Rad pd course 2014 cal yr
☐ \$ 510	☐ \$ 560	Gold Status 20% discount	2 UCSF Rad pd courses 2014 cal yr
☐ \$ 440	☐ \$ 490	Platinum Status 30% disc	3+ UCSF Rad pd courses 2014 cal yr

Daily Fee: ☐ 11/11 Wed ☐ 11/12 Thr ☐ 11/13 Fri
 \$300 per (no discounts, cancellation policy applies)

RAD16 012/004

UPCOMING CME CONFERENCES

View, print brochures, and register online:

www.radiology.ucsf.edu/cme*Program dates, topics, and locations are **subject to change** prior to brochure publication.*

May 17-22 2015	Imaging on the California Coast	Santa Barbara, CA
May 28-30	Virtual Colonoscopy Workshop	San Francisco, CA
Jun 15-19	Imaging Review & Optional Workshops	Sydney, Australia
Aug 5-9	Musculoskeletal MRI & Workshop	San Diego, CA
Aug 24-28	Advanced Review: Matching Practice	San Francisco, CA
Sep 11-12	Neuro IR Tutorial / Stroke Update	San Francisco, CA
Sep 17-19	Virtual Colonoscopy Workshop	San Francisco, CA
Nov 1-6	Imaging Update on Maui	Maui, HI
Nov 8-10	Breast Imaging Update	Palm Springs, CA
Nov 11-13	Women's Imaging Update	Palm Springs, CA
Dec 6-11	Imaging Warm-up in Costa Rica	Puntarenas, CR
Jan 10-15 2016	Breast Imaging & Emerging Technologies	Kona, HI
Jan 17-22	Body Imaging in Paradise	Kona, HI
Jan 31-Feb 2	Musculoskeletal MR Imaging	Palm Springs, CA
Feb 3-5	Abdominal & Pelvic Imaging	Palm Springs, CA
Feb 7-12	Neuro & Musculoskeletal Imaging	Kona, Hawaii
Feb 28-Mar 4	Spring Review: Comprehensive	San Francisco, CA
Mar 3-5	Breast Imaging Update	San Francisco, CA
Apr 25-29	Interventional Review	San Francisco, CA

ADDRESS CHANGES: To facilitate change-of-address, please return the full mailing panel and do not cross out the original address. Thank you.

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UCSF



**BREAST IMAGING UPDATE
& OPTIONAL WORKSHOP**

NOVEMBER 8-10, 2015

WOMEN'S OB/GYN IMAGING UPDATE

NOVEMBER 11-13, 2015

PALM SPRINGS, CALIFORNIA

These courses are self-supporting and receive no state funding.