

# Breast Imaging and Body MRI on Kona

January 7-12, 2018

Fairmont Orchid Resort & Spa  
Kohala Coast, Big Island of Hawaii

CME Credits: 26.5 / SAM Credits: 21.75



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UCSF Department of Radiology  
and Biomedical Imaging  
<https://radiology.ucsf.edu/cme>



## Course Outline

This course is designed for the clinical radiologist, including radiologists who specialize in breast imaging or body MRI. It is intended to provide an overview and update on clinically relevant topics in breast imaging from fundamentals of interpretation to advanced topics, including tomosynthesis and breast MRI.

Speakers will discuss relevant updates to the current 5th edition of BI-RADS, and participants will have the opportunity to discuss their questions with experts who helped develop the BI-RADS classifications. Course content will emphasize a practical approach, and will include didactic lectures and small group workshops covering digital mammography, breast tomosynthesis and breast MRI. Faculty panels will allow participants to pose individual questions to "the experts" for discussion of challenges and issues encountered in daily clinical practice.

**New this year** Added course content on body MRI on Thursday, with parallel sessions in breast imaging and body MRI on Friday -- tailor your learning experience and choose the track that best suits your practice (both sessions have 5 CME credits)..

This course satisfies the continuing medical education requirement for MQSA in breast imaging.

## Self-Assessment (SAM) Credits

This course will offer up to 21.75 Self-Assessment credits (pending approval and subject to change).

The Sunday through Thursday sessions include: 14.0 in Breast and 2.75 in Abdominal.

The Friday parallel sessions include 4.0 in Breast and 5.0 in Abdominal (attendees may claim only one session).

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. For more information: [www.theabr.org/moc-dr-comp2](http://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 appropriately;
2. Develop a skillful and practical approach to performing and interpreting mammography, US and MRI;
3. Understand and implement the growing use of MRI and Digital Breast Tomosynthesis in the clinical setting;
4. Facilitate compliance with reporting guidelines and management of patient follow-up.

## UCSF Faculty

### Bonnie N. Joe MD, PhD

Professor of Radiology  
Chief, Breast Imaging

### Heather I. Greenwood, MD

Assistant Professor of Radiology

### Michael A. Ohliger, MD, PhD

Assistant Professor of Radiology

### Edward A. Sickles, MD, FACR

Professor Emeritus of Radiology

### Antonio C. Westphalen, MD, PhD

Associate Professor of Radiology

## Registration

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

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

Pre-register by November 10, 2017 and save \$75 on your enrollment fee.

**Tuition** \$1,295 for all medical professionals; registration discounts are available for qualifying attendees, please review the registration form on the last page.

### On-site Registration

Sunday, January 7, 2018 at 6:45 am  
The Fairmont Orchid Resort  
1 North Kanikku Drive, Kamuela

**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 page 1 of 2

### SUNDAY, JANUARY 7, 2018

#### Breast Imaging Fundamentals

- 6:45 Registration and Continental Breakfast
- 7:15 Why BI-RADS Matters <sup>SA</sup> Edward A. Sickles, MD
- 8:15 Mammographic Analysis <sup>SA</sup>  
of Calcifications Heather I. Greenwood, MD
- 9:00 An Organized Approach to Interpreting <sup>SA</sup>  
Screening Mammography Edward A. Sickles, MD
- 10:15 Recess with Exhibitors
- 10:30 An Organized Approach to <sup>SA</sup>  
Diagnostic Mammography Edward A. Sickles, MD
- 11:15 Stereotactic Breast Biopsy <sup>SA</sup> Heather I. Greenwood, MD
- 12:15 Faculty Panel: Breast Imaging  
Fundamentals Moderator: Dr. Greenwood
- 12:45 Adjourn

### MONDAY, JANUARY 8, 2018

#### Breast Imaging Practice Pearls

- 6:45 Continental Breakfast
- 7:15 Screening for Breast Cancer in an Era <sup>SA</sup>  
of Breast Density Legislation Bonnie N. Joe, MD, PhD
- 8:00 Breast Ultrasound BI-RADS <sup>SA</sup>  
Update Heather I. Greenwood, MD
- 8:45 Mammographic Follow-up as an <sup>SA</sup>  
Alternative to Biopsy: Strengths,  
Limitations, Pitfalls Edward A. Sickles, MD
- 9:45 Recess with Exhibitors
- 10:00 Radiologic-Pathologic Correlation <sup>SA</sup>  
After Breast Biopsy Heather I. Greenwood, MD
- 10:45 Imaging Evaluation and <sup>SA</sup>  
Management of the Axilla Bonnie N. Joe, MD, PhD
- 11:30 Imaging the Post-Surgical Breast, <sup>SA</sup>  
Including Implants Edward A. Sickles, MD
- 12:30 Faculty Panel: Appropriate Use of  
BI-RADS and Other Practice Pearls Moderator: Dr. Joe
- 1:00 Adjourn

### TUESDAY, JANUARY 9, 2018

#### Digital Breast Tomosynthesis and Breast MRI

- 6:45 Continental Breakfast
- 7:15 Introduction to Digital Breast  
Tomosynthesis <sup>SA</sup> Bonnie N. Joe, MD, PhD
- 8:00 Breast MRI BI-RADS Update<sup>SA</sup> Heather I. Greenwood, MD
- 9:00 A Practical Approach to Tomosynthesis <sup>SA</sup>  
Interpretation and Biopsy Bonnie N. Joe, MD, PhD
- 10:00 Recess with Exhibitors
- 10:15 Breast MR Interventions <sup>SA</sup> Bonnie N. Joe, MD, PhD
- 11:00 MR Imaging of Ductal <sup>SA</sup>  
Carcinoma in Situ Heather I. Greenwood, MD
- 11:45 MR Safety <sup>SA</sup> Michael A. Ohliger, MD, PhD
- 12:30 Faculty Panel: Digital Breast Tomosynthesis  
and Breast MRI Moderator: Dr. Joe
- 1:00 Adjourn

### WEDNESDAY, JANUARY 10, 2018

No formal course program.

### THURSDAY, JANUARY 11, 2018

#### Pelvic and Breast MRI / Challenging Breast Cases Workshops

- 6:30 Continental Breakfast
- 7:15 Tips & Tricks for MR Imaging <sup>SA</sup>  
of the Female Pelvis Michael A. Ohliger, MD, PhD
- 8:00 A Simple Algorithm to Characterize <sup>SA</sup>  
Adnexal Masses with MRI  
Antonio C. Westphalen, MD, PhD
- 8:45 MRI of Gynecologic Malignancy <sup>SA</sup>  
Michael A. Ohliger, MD, PhD
- 9:30 Recess with Exhibitors
- 9:45 *Parallel Breast Cases Workshops*  
Challenging Breast MRI Cases Bonnie N. Joe, MD, PhD  
Challenging Digital Mammography Cases  
Edward A. Sickles, MD
- 11:15 *Parallel Breast Cases Workshops*  
Challenging Breast MRI Cases Bonnie N. Joe, MD, PhD  
Challenging Digital Mammography Cases  
Edward A. Sickles, MD
- 12:45 Adjourn

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## Course Program page 2 of 2

**FRIDAY, JANUARY 12, 2018**

### Parallel sessions (choose one)

6:45 Continental Breakfast

#### Parallel Lecture Session: Breast Imaging

7:15 Multimodality Case Review, Including <sup>SA</sup>  
Breast MRI & Tomosynthesis Heather I. Greenwood, MD

8:00 Invasive Lobular Carcinoma: <sup>SA</sup>  
an Imaging Challenge Edward A. Sickles, MD

8:45 Multimodality Case Review, Including <sup>SA</sup>  
Breast MRI and Tomosynthesis Heather I. Greenwood, MD

9:30 Recess with Exhibitors

9:45 Optimizing Breast MRI for the <sup>SA</sup>  
Clinical Radiologist Bonnie N. Joe, MD, PhD

10:30 Medicolegal Aspects <sup>SA</sup>  
of Breast Imaging Edward A. Sickles, MD

11:15 Faculty Panel: Medicolegal Issues  
and Final Questions Moderator: Dr. Sickles

12:30 Adjourn

#### Parallel Lecture Session: Body MRI - GI/GU Applications

7:15 Body MRI Artifacts <sup>SA</sup> Michael A. Ohliger, MD, PhD

8:00 MR Imaging of the Acute Abdomen <sup>SA</sup>  
in the Pregnant Patient Bonnie N. Joe, MD, PhD

8:45 The Evolution of Prostate MRI Interpretation: <sup>SA</sup>  
the Age of PI-RADS Antonio C. Westphalen, MD, PhD

9:30 Recess with Exhibitors

9:45 MR Evaluation of Adrenal Masses <sup>SA</sup>  
Antonio C. Westphalen, MD, PhD

10:15 Rapid MRI Imaging Technique <sup>SA</sup>  
Michael A. Ohliger, MD, PhD

11:00 How to Use MR to Accurately Diagnose and <sup>SA</sup>  
Manage Renal Masses Antonio C. Westphalen, MD, PhD

11:45 MR Evaluation of Liver Disease <sup>SA</sup>  
Michael A. Ohliger, MD, PhD

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.

UCSF designates this live activity for a maximum of **26.5 AMA PRA Category 1 Credits.**<sup>™</sup>

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

This live activity also qualifies for credit for physician assistants (PA) and registered nurses (RN). Please check with your state licensing board to ensure compliance.

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

*Modality Credits / Sunday - Thursday* The total credits are inclusive of 7.75 in MRI, 2.75 in Ultrasound, 12.5 in Digital Mammography, 2.75 in Stereotactic Biopsy, and 2.75 in Tomosynthesis.

*Modality Credits / Friday Breast* The total credits are inclusive of 1.5 in MRI, 1.0 in Ultrasound, 2.5 in Digital Mammography, 0.5 in Stereotactic Biopsy, and 0.75 in Tomosynthesis.

*Modality Credits / Friday Body* The total credits are inclusive of 5.0 in MRI.

<sup>SA</sup> *These lectures include SAM Credit (Self-Assessment).*

### Thursday Breast Cases Workshops

Registrants will be divided into two groups at the beginning of the course, and each group will attend both 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).

### Friday Parallel Sessions

Registrants have the opportunity to choose between Breast Imaging and Body MRI. Both sessions have the same amount of CME credits (different modality and SAM credits).

# Breast Imaging and Body MRI

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The Fairmont Orchid - Big Island of Hawaii

## The Fairmont Orchid [www.fairmont.com/orchid-hawaii](http://www.fairmont.com/orchid-hawaii)

Tel: 800-845-9905 / 808-885-2000 / 1 N. Kaniku Drive, Kohala Coast, Hawaii

Please note that the group room block is sold out for the week of the conference, and the standard room rates begin at \$499. The Fairmont is on the West (Kona) side of the island in the Kohala coastal region north of the airport. Other resources and nearby properties are listed below:

[www.gohawaii.com/big-island/plan-a-trip/accommodations/](http://www.gohawaii.com/big-island/plan-a-trip/accommodations/)

[www.booking.com/the-big-island](http://www.booking.com/the-big-island)

[www.vrbo.com/vacation-rentals/usa/hawaii/big-island/kohala-coast](http://www.vrbo.com/vacation-rentals/usa/hawaii/big-island/kohala-coast)

Queen K Highway at Waimea (15 minutes north of Fairmont)  
Mauna Kea Beach Hotel, Mauna Kea Fairways, Kumulani at Wailea Resort,  
Waiulaula Uplands, Big Island 3 BR

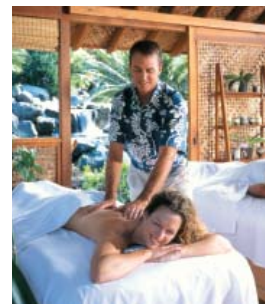
Queen K Highway at Puako Bay (10 minutes north of Fairmont)  
Aina Malia, Honu Ohana, Puako Bed & Breakfast

Queen K Highway - exit Mauni Lani Drive (same exit as Fairmont)  
Islands at Mauna Lani, Mauna Lani Point

Queen K Highway at Waikoloa Road (one exit south of Fairmont)  
Kings' Land Hilton

Queen K Highway at A-Bay (Anaehoomalu Bay) (two exits south of Fairmont)  
Castle Halii Kai, Aston Waikoloa, Kohala Suites Hilton, Hilton Waikoloa Village,  
Waikoloa Beach Marriott

Queen K Highway at Waikoloa Road - Inland East (15 minutes east of Fairmont)  
Paniolo Greens (near the Waikoloa golf course)



Orchid Grounds and Beach Area

## Resort Highlights

- 36-hole Francis H. Brown coastal golf course
- Spa Without Walls with oceanside cabanas and massage services
- indoor spa treatments and sauna
- 24/7 fitness center access
- children's dining menus; and full- & half- day activity programs
- plexiplave tennis courts

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## Air Travel

UCSF Radiology has negotiated group discounts with Delta, United and Hawaiian Airlines for radiology course attendees. Book online to avoid additional booking fees. Kona airport code = KOA.

*Airline*                      *Promo Code*                      *Toll-Free (add'l booking fee)*

**Delta**                      NMQDC                      800-328-1111

<http://tinyurl.com/www-delta-com-book>

**United**                      ZYUF559912                      800-426-1122

<http://tinyurl.com/www-united-com-book>

**Hawaiian**                      AMUCSFRPE                      800-367-5320

<http://tinyurl.com/www-hawaiianairlines-com-pref>

## Car Rental

[www.hertz.com](http://www.hertz.com) / CV# 01SY0264 / 800-654-2240

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, on all of the Hawaiian Islands. Reservations at the group rate can be made by using the CV number listed above.

## The Big Island of Hawaii

The Big Island is the birthplace of King Kamehameha 1, the leader who united all of the Hawaiian islands by 1810. The Big Island is the anchor of the island chain and home of Madame Pele, the fire goddess of volcanoes; therefore the color ascribed to the Big Island is red. The Island of Hawaii is the largest and youngest island in the Hawaiian chain, and with the current volcanic activity, the Big Island is still growing.

The sunny and dry west side of the island is referred to as Kona, and the transformation of its shoreline by volcanic eruptions just two-hundred years ago is still evident. The misty east side of the island is referred to as Hilo -- which is a prime growing area for flowers, plants and vegetation, includes many waterfalls, and is home to Hawaii Volcanoes National Park.

The Big Island has one of the world's most active volcanoes (Kilauea), the tallest sea mountain in the world at more than 33,000 feet (Mauna Kea), and the most massive mountain in the world (Mauna Loa). Hawaii's varying and dramatic climate zones generate a world of environments on one island, including lush rain forests, volcanic deserts, snow-capped mountaintops and beautiful black sand beaches.



## Activities and Tours

[www.gohawaii.com/big-island](http://www.gohawaii.com/big-island)

- Circle the Big Island Tour
- Volcanoes National Park (Kilauea)
- Place of Refuge National Park
- Mauna Kea Summit and Observatory
- Snorkel and Scuba Excursions
- Manta Ray Snorkel (nighttime)
- Catamarans and Sunset Sailing
- Luau Dinner Buffet and Hula/Fire-knife Show
- Waterfall, Valley and Beach Tours
- Kayak "Flumin' the Ditch" excursion
- Helicopter Tours
- Horse Back Riding
- Whale Watch
- Submarine Tours
- Jeep / ATV Tours
- Coffee Plantations



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## REGISTRATION

### BREAST IMAGING AND BODY MRI (RAD18 013)

January 7-12, 2018 / Fairmont Orchid, Kona

Early Enrollment Deadline: Friday, November 10, 2017

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 <http://meded.ucsf.edu/cme>
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*

### COURSE REGISTRATION

By 11/10/17 After 11/10/17 *Loyalty Discount applies only to live courses attended (not home-study)*

- |                               |                               |                              |                                       |
|-------------------------------|-------------------------------|------------------------------|---------------------------------------|
| <input type="radio"/> \$1,225 | <input type="radio"/> \$1,295 | Standard Registration        | no UCSF Rad paid course 2017 cal year |
| <input type="radio"/> \$1,095 | <input type="radio"/> \$1,170 | Silver Status 10% discount   | 1 UCSF Rad paid course 2017 cal year  |
| <input type="radio"/> \$ 965  | <input type="radio"/> \$1,040 | Gold Status 20% discount     | 2 UCSF Rad paid courses 2017 cal year |
| <input type="radio"/> \$ 835  | <input type="radio"/> \$ 910  | Platinum Status 30% discount | 3 UCSF Rad paid courses 2017 cal 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. 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.

**Cancellation** A refund of the enrollment fee, less \$100, will be made upon receipt of a written request only by Thursday, December 8, 2017. No refunds will be made after this date.