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

CME Credits: 23.25

Self-Assessment Credits: 21.75











UCF Department of Radiology and Biomedical Imaging https://radiology.ucsf.edu/cme

The Fairmont Orchid - Big Island of Hawaii



#### **Course Outline**

This course will present a comprehensive state-of-the-art update on clinically relevant topics in neuroradiology and musculoskeletal imaging, including a discussion of optimized protocols with 1.5T and 3T MR units.

Neuroradiology topics to be addressed include updated strategies for imaging of the peripheral nervous system, stroke and other neurologic emergencies, and routine head & neck abnormalities.

Musculoskeletal imaging will include discussions of new metal reduction sequences for MRI, and diagnostic approaches to wrist pain.

#### Self-Assessment

This course will offer 21.75 Self-Assessment credits: 11.0 in Musculoskeletal and 10.75 in Neuro.

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:

- Apply their acquired knowledge to improve imaging protocols for brain, head & neck, spine, nerve and musculoskeletal CT/ MR imaging;
- 2. Recognize specific imaging features of infection and tumors in the head, neck, spine and peripheral nerves;
- 3. Distinguish between normal anatomy, common anatomic variants and pathological disorders related to MRI of the major musculoskeletal joints, brain, head, neck and spine;
- 4. Recognize internal derangement appearances of the knee, shoulder, elbow, wrist, hip, knee, and foot;
- 5. Implement newer MR sequences such as 3D volumetric imaging and metal suppression techniques;
- 6. Update knowledge about MR arthrographic technique and findings;
- 7. Sharpen evaluation of muscle and tendon abnormalities;
- 8. Identify important imaging characteristics of bone tumors;
- 9. Realize various abnormalities that simulate musculoskeletal tumors;
- Appreciate advances in stroke management and their impact on imaging; and
- 11. Develop strategies for evaluating common and uncommon abnormalities in the neck and spine

#### **UCSF Faculty**

Christopher P. Hess, MD, PhD Course Co-Chair Professor of Radiology and Neurology Chief, Neuroradiology

**Lynne S. Steinbach, MD Course Co-Chair**Professor of Radiology and Orthopaedics

Matthew D. Bucknor, MD
Assistant Professor of Clinical Radiology

**Christine M. Glastonbury, MBBS**Professor of Clinical Radiology, and of
Otolaryngology and Radiation Oncology

Vinil N. Shah, MD
Assistant Professor of Radiology

#### **Guest Faculty**

Robert D. Boutin, MD
Professor of Clinical Radiology
University of California Davis
School of Medicine

#### Registration

#### https://www.cme.ucsf.edu

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

Pre-register by December 16, 2016 and save \$75 on your enrollment fee.

**Tuition** \$1,200 for all medical professionals; registration discounts are available for qualifying attendees, please review the registration form on the last page.

#### On-site Registration

Sunday, February 12, 2017 at 7:00 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, February 12, 2017

7:00 am	Registration and Continental Breakfast	
7:25	Welcome and Introductions	
7:30	Knee Menisci: Pearls & Pitfalls SA	Lynne S. Steinbach, MD
8:15	Anterior Cruciate Ligament Reconstruction <sup>SA</sup>	Matthew D. Bucknor, MD
9:00	Knee: MRI Case-based Review sa	Robert D. Boutin, MD
9:45	Recess	
10:00	MR Arthrography sa	Lynne S. Steinbach, MD
10:45	Orthopedic Interposition Injuries SA	Robert D. Boutin, MD
11:05	Radiographic Evaluation of Femoroacetabular Impingement SA	Matthew D. Bucknor, MD
11:30	Pre and Post -Op Hip: MRI Case-based Review SA	Robert D. Boutin, MD
12:15 pm	Questions and Discussion	
12:30	Adjourn	

#### Monday, February 13, 2017

7:00 am	Continental Breakfast	
7:30	MRI of Shoulder Instability SA	Lynne S. Steinbach, MD
8:15	MRI of the Rotator Cuff sa	Lynne S. Steinbach, MD
9:00	Elbow Injuries in Athletes SA	Matthew D. Bucknor, MD
9:45	Recess	
10:00	Wrist & Hand: MRI Case-based Review sa	Robert D. Boutin, MD
10:45	MRI of the Foot <sup>SA</sup>	Lynne S. Steinbach, MD
11:30	Two Other Diagnostic Challenges in the Foot & Ankle SA	Matthew D. Bucknor, MD
12:15 pm	Questions and Discussion	

#### Tuesday, February 14, 2017

Adjourn

12:30

12:30

7:00 am	Continental Breakfast	
7:30	Imaging of Bone Tumors: Helpful Tips SA	Matthew D. Bucknor, MD
8:15	Musculoskeletal Pseudo-Tumors sa	Lynne S. Steinbach, MD
9:00	Muscle & Tendon: Case-based Review SA	Robert D. Boutin, MD
9:45	Recess	
10:00	CNS Infection: the Bug Parade <sup>s<sub>A</sub></sup>	Christopher P. Hess, MD, PhD
10:45	Spine Infection: from Aureus to Zika SA	Vinil N. Shah, MD
11:30	Sinonasal Inflammation SA	Christine M. Glastonbury, MBBS
12:15 pm	Questions & Discussion	

Wednesday, February 15, 2017

Adjourn

No formal program.

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### Course Program page 2 of 2

#### Thursday, February 16, 2017

7:00 am	Continental Breakfast
7:30	Current Concepts in Stroke Imaging <sup>sa</sup>
8:15	Pearls in Head & Neck Imaging SA
9:00	Imaging Evaluation of Sciatic Neuropathy SA
9:45	Recess
10:00	Practical Brachial Plexus MRI SA
10:30	Imaging Approach to the Neck Mass SA
11:15	Sella & Central Skull Base SA
12:00 pm	Questions & Discussion
12:15	Adjourn



Christopher P. Hess, MD, PhD Christine M. Glastonbury, MBBS

Vinil N. Shah, MD

Vinil N. Shah, MD

Christine M. Glastonbury, MBBS Christopher P. Hess, MD, PhD

#### Friday, February 17, 2017

7:00 am	Continental Breakfast	
7:30	Value-based Imaging in the Degenerative Spine SA	Vinil N. Shah, MD
8:15	Expert Neuroanatomy in 30 Minutes or Less SA	Christopher P. Hess, MD, PhD
8:45	Understanding the Brainstem: the Rule of 4's SA	Christopher P. Hess, MD, PhD
9:15	Imaging of Cranial Neuropathy: CN1-6 SA	Christine M. Glastonbury, MBBS
9:45	Recess	
10:00	Imaging of Cranial Neuropathy: CN7-12 <sup>s<sub>A</sub></sup>	Christine M. Glastonbury, MBBS
10:30	CNS Emergencies SA	Christopher P. Hess, MD, PhD
11:00	How to Handle Cervical Lymph Nodes <sup>SA</sup>	Christine M. Glastonbury, MBBS
11:30	CSF Hypotension: Find and Treat the Leak sa	Vinil N. Shah, MD
12:00 pm	Questions & Discussion	
12:15	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 23.25 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 3.5 in CT and 18.5 in MRI.

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.

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



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#### The Fairmont Orchid www.fairmont.com/orchid

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

Online https://resweb.passkey.com/go/ucsfneuro2017 -- Reservation deadline: January 12, 2017.

Join the Fairmont President's Club (free) prior to arrival to receive complimentary in-room internet during your stay (\$15 per day). Log onto: <a href="https://www.fairmont.com/fpc">www.fairmont.com/fpc</a>

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.

There is no additional resort fee! Note that availability of ocean view rooms and suites are limited.

Single/Double Fairmont Room \$339 Garden View Executive Suite \$650
Partial Ocean View \$385 Ocean View Executive Suite \$755
Guaranteed Ocean View \$409 Ocean Front Suite \$917

Make your reservation early as rooms will likely sell-out before the cut-off date, you must mention the UCSF meeting to receive the rates listed above. Reservation requests made after these deadlines will be extended at the conference rates on a space-available basis only. A credit card number is required to guarantee your reservation.

Rates exclude state hotel room tax of 13.416% (subject to change). Reservations cancelled at least 30 days prior to arrival will incur no cancellation charges; between 29 and 3 days prior to arrival will be charged a two-nights stay (plus taxes); less than 72 hours prior to arrival and no-shows will be charged five-nights stay (plus taxes).

There is no additional charge for children under the age of 18 who share with their parents. The maximum number of persons per room is 3 adults or 2 adults with 2 children. Third adult charge is \$75 per night. Daily parking rates for 2016 are \$17 for self parking, \$22 for valet (rates subject to change for 2017).









#### 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

At the Orchid, an ambience of comfort and luxury has been adapted to the natural surroundings and beauty of the island. Among the many resort features that guests can enjoy are plexipave tennis courts (including a stadium court); a ten-thousand square-foot freshwater swimming pool and surrounding whirlpools; and a protected white sand lagoon. Activities include creative wellness programs, basketball, poolside ping-pong, beach volleyball, and other water activites including outrigger canoes.

Guests may start off their mornings with a tennis clinic, power walk and stretch, low-impact aerobic conditioning, or even a snorkel cruise. The 36-hole Francis H. I'i Brown Golf Course is both challenging and spectacular, as it runs along ancient lava flows, native landmarks and the ocean coastline. The Spa Without Walls offers a variety of spa and massage treatments in private, ocean-side cabanas. The Fitness Center is accessible 24/7.

The Orchid's Keiki Aloha (children's program) utilizes the hotel's oceanside location and enables its young guests to learn more about Hawaii and share in the aloha spirit. Children ages five through twelve (who are staying with their parents at the hotel) can participate in a wide range of complimentary activities, including Hawaiian storytelling, hula lessons, coconut-leaf weaving and other island arts & crafts. Prices vary with half-day or full-day programs. The resort also offers a children's menu (ages twelve and under) in all dining rooms.

Department of Radiology and Biomedical Imaging

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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 **NMNKO** 800-328-1111

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

800-426-1122 United ZWZB714473

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

**AMUCSFRPE** 800-367-5320 Hawaiian http://tinyurl.com/www-hawaiianairlines-com-pref



www.hertz.com / CV# 01SY0263 / 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

- 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 (nightime)
- 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

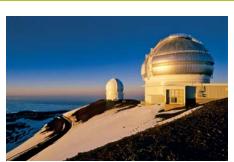


















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#### REGISTRATION

Name

#### **NEURO & MUSCULOSKELETAL IMAGING (RAD17 022)**

February 12-17, 2017 / Fairmont Orchid, Kona Early Enrollment Deadline: Friday, December 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 <a href="http://meded.ucsf.edu/cme">http://meded.ucsf.edu/cme</a> 4. Fax this form to 415–502–1795

#### **REGISTRANT INFORMATION (PLEASE PRINT)**

be responsible for any hotel or travel costs.

Fir	rst	Last	Degree	
Address _				
Tel		Fax	ode	
		Area Co		
You must p	rovide your en	nail address to receive advance s provided on site.		
Would you	like to receive	general UCSF Radiology CME e	mail notices? O Yes O No	
Month / Day	y of Birth for re	ecord verification:	day / XXXX year	
COURSE	REGISTRATI	ON		
By 12/16/16	After 12/16/1	6 Loyalty Discount applies only to	live courses attended (not home	-study)
O \$1,125	O \$1,200	Standard Registration	no UCSF Rad paid course 201	6 cal year
<b>3</b> \$1,005	<b>3</b> \$1,080	Silver Status 10% discount	1 UCSF Rad paid course 2016	cal year
<b>)</b> \$ 885	<b>)</b> \$ 960	Gold Status 20% discount	2 UCSF Rad paid courses 201	6 cal year
<b>)</b> \$ 765	O\$ 840	Platinum Status 30% discount		-
METHOD	OF PAYMEN	т		
O Visa	O Mastercard	O American Express O C	heck, payable to UC Regents	S.
Card No				
Exp. Date		Signature		
Payment ma	y be made by cr pt checks drawn	edit card or by check or money order on foreign banks. Enrollment confirm	drawn on a U.S. bank in U.S. cunation will be mailed to you within	irrency. We regret that we named two weeks of receipt of the

Cancellation A refund of the enrollment fee, less \$75, will be made upon receipt of a <u>written request only</u> by Friday, January 27, 2017. No refunds will be made after this date.