UCSF Neuro and Musculoskeletal Imaging
February 5-10, 2023

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

CME Credits: 25.0

https://radiology.ucsf.edu/cme
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. The presentations will review indications that are commonly seen in general practice, for which the faculty will address updates to improve image acquisition and interpretation strategies. This in turn will improve communication when referring cases to clinical and academic specialists.

Neuroradiology topics to be addressed include an imaging overview of adult and pediatric neuroradiological emergencies, brain tumors and mimics, head & neck tumor staging, cranial nerve imaging, neonatal brain development and injury, congenital spinal anomalies, and intracranial and spinal infections.

Musculoskeletal lectures will include presentations of the major joints, a review of problem solving in musculoskeletal ultrasound, as well as discussion of a new classification and management system for incidental bone tumors, along with reviews of infection, arthritis, metabolic disease, and spondyloarthopathy.

Course Objectives
At the completion of this course, the attendee should be able to:
1. Recommend CT/MR protocols for brain, head & neck, spine, nerve and musculoskeletal imaging;
2. Recognize specific imaging features of infection, trauma, tumors, and inflammatory disorders in the head & spine, and communicate key findings enabling rapid pathological classification;
3. Distinguish between normal anatomy, common anatomic variants and pathological disorders of the major musculoskeletal joints, brain, head & neck and spine as evaluated on MRI;
4. Recognize internal derangement and post-operative appearances of the shoulder, elbow, wrist, hip, knee, ankle and foot;
5. Implement utilization of diagnostic musculoskeletal ultrasound, ultrasound-guided musculoskeletal procedures and common joint injections;
6. Identify important imaging characteristics of infection, bone and soft-tissue tumors;
7. Recognize the normal imaging appearance of the neonatal brain & spine, and the appearance of acquired and congenital abnormalities;
8. Develop strategies for evaluating common and uncommon abnormalities in the brain and spine.

UCSF Faculty
Matthew D. Bucknor, MD
Course Co-Chair
Associate Professor of Clinical Radiology

Yi Li, MD
Course Co-Chair
Assistant Professor of Clinical Radiology

Christine M. Glastonbury, MBBS
Professor of Clinical Radiology, and of Otolaryngology, Head & Neck Surgery and Radiation Oncology

Daria Motamedi, MD
Associate Professor of Clinical Radiology

Rina P. Patel, MD
Assistant Professor of Clinical Radiology

David M. Wilson, MD, PhD
Professor of Radiology

Registration
https://cme-reg.configio.com/pd/2059
Pre-registration is encouraged to ensure your space in this course. Pre-register by December 9, 2022 and save $100 on your enrollment fee.

Tuition
$1,195 for all medical professionals.

On-site Registration
Sunday, February 5, 2023 at 6:30 am
The Fairmont Orchid Resort - Kona, Hawaii

Syllabus
You must provide an email address with your registration to receive advance syllabus information, which will be available electronically prior to the course.
Course Program page 1 of 2

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 25.0 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 4.0 in CT, 19.0 in MR and 0.75 in US.

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

### Tuesday, February 7, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>7:00</td>
<td>Headache: Do Not Miss</td>
<td>Yi Li, MD</td>
</tr>
<tr>
<td>7:30</td>
<td>Intracranial Infection</td>
<td>David M. Wilson, MD, PhD</td>
</tr>
<tr>
<td>8:15</td>
<td>Congenital Spinal Anomalies</td>
<td>Yi Li, MD</td>
</tr>
<tr>
<td>8:45</td>
<td>Infection and Inflammation of the Spine</td>
<td>David M. Wilson, MD, PhD</td>
</tr>
<tr>
<td>9:30</td>
<td>Recess</td>
<td></td>
</tr>
<tr>
<td>9:45</td>
<td>Osseous Infectious Dilemmas</td>
<td>Matthew D. Bucknor, MD</td>
</tr>
<tr>
<td>10:30</td>
<td>Metabolic Bone Disease</td>
<td>Daria Motamedi, MD</td>
</tr>
<tr>
<td>11:15</td>
<td>Spondyloarthropathy</td>
<td>Matthew D. Bucknor, MD</td>
</tr>
<tr>
<td>12:00</td>
<td>Questions and Discussion</td>
<td></td>
</tr>
<tr>
<td>12:15 pm</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

### Wednesday, February 8, 2023

No formal course program.

### Thursday, February 9, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>7:00</td>
<td>Atypical Hip Impingement</td>
<td>Matthew D. Bucknor, MD</td>
</tr>
<tr>
<td>7:45</td>
<td>Post-Operative Shoulder</td>
<td>Rina P. Patel, MD</td>
</tr>
<tr>
<td>8:30</td>
<td>Bone-RADS: Managing Incidental Lesions</td>
<td>Matthew D. Bucknor, MD</td>
</tr>
<tr>
<td>9:15</td>
<td>Recess</td>
<td></td>
</tr>
<tr>
<td>9:30</td>
<td>MR Knee Pitfalls: Corners and Notch</td>
<td>Rina P. Patel, MD</td>
</tr>
<tr>
<td>10:15</td>
<td>Shoulder MRI: Pearls &amp; Pitfalls</td>
<td>Daria Motamedi, MD</td>
</tr>
<tr>
<td>11:00</td>
<td>Checklist Approach to the Anterior Knee</td>
<td>Daria Motamedi, MD</td>
</tr>
<tr>
<td>12:00</td>
<td>Questions and Discussion</td>
<td></td>
</tr>
<tr>
<td>12:15 pm</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

### Friday, February 10, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>7:00</td>
<td>MSK Diagnostic Ultrasound Problem Solving</td>
<td>Rina P. Patel, MD</td>
</tr>
<tr>
<td>7:45</td>
<td>High Yield Throwing Elbow</td>
<td>Matthew D. Bucknor, MD</td>
</tr>
<tr>
<td>8:30</td>
<td>Foot &amp; Ankle Alignment Simplified</td>
<td>Rina P. Patel, MD</td>
</tr>
<tr>
<td>9:15</td>
<td>Recess</td>
<td></td>
</tr>
<tr>
<td>9:30</td>
<td>Arthritis</td>
<td>Daria Motamedi, MD</td>
</tr>
<tr>
<td>10:15</td>
<td>MRI Wrist with Surgical Correlation</td>
<td>Daria Motamedi, MD</td>
</tr>
<tr>
<td>11:00</td>
<td>High-Yield Ankle &amp; Foot</td>
<td>Rina P. Patel, MD</td>
</tr>
<tr>
<td>12:00</td>
<td>Questions and Discussion</td>
<td></td>
</tr>
<tr>
<td>12:15 pm</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>
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.

Note that availability of ocean view rooms and suites are limited.

- $439  Single/Double Fairmont Room
- $489  Partial Ocean View
- $509  Guaranteed Ocean View
- $739  Garden View Executive Suite
- $839  Ocean View Executive Suite
- $1,039  Ocean Front Suite

Reduced daily resort charge of $30 for UCSF attendees who register through the group block (normally $40), which includes: on-ground basic internet, self-park for one vehicle, one-hour daily snorkel rental for two, cultural activities, resort area shuttle service, wellness classes and resort activities.


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.

Room rates & resort fees exclude state excise & accommodation taxes totalling 17.962% (subject to change). Reservations cancelled at least 30 days prior to arrival will incur no cancellation charges; reservations cancelled less than 30 days prior to arrival will be charged for the full reservation (plus taxes). In addition to the nightly room-rate, registrants are liable for any hotel taxes, fees, porterage, gratuities and applicable guestroom charges upon check-out.

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 (includes optional roll-away). Self-park is included in the resort charge, valet is an additional $10 per night.

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 activities 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.

Resort experiences exclusive to our guests include:
- Stargazing sessions courtesy of Star Gaze Hawaii, which offer guests a personal guided tour of the constellation (weekly)
- Storytelling sessions which share the legends and lore unique to the Island of Hawaii (weekly)
- Hui Holokai Beach Club Activities including: hula lessons, petroglyph hikes, turtle talk session, ti leaf lei making, ukulele lessons, coconut palm frond weaving, onsite snorkel equipment rental, and introduction to outrigger canoe paddling.
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

- 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

Air Travel

Kona airport code = KOA. https://airports.hawaii.gov/koa
Travel Requirements https://hawaiicovid19.com/travel

United group discount = https://united.com > Advanced search > Promotion code: ZMGE963115
Hawaiian group discount = www.hawaiianairlines.com/preferred > Promo code: AMUCSFRPE

The Fairmont is located north of the Kona Airport on Highway 19 (20 miles / 25-minute drive).

Airport Transfers

877-242-5777 or 808-772-5700 / reservations@speedishuttle.com
Check the website for transfer rates and bookings.
https://speedishuttle.com

SpeediShuttle provides shared ride airport transportation in Mercedes shuttles between the Kona Airport and the Fairmont Orchid. Guests with pre-arranged arrival reservations will be met by their driver at the baggage claim area, then directed to their shuttle. Vehicle amenities include complimentary Wi-Fi, 6’1” headroom, three-point seat restraints, adjustable head-rests and roomy comfortable seats. Drive time approximately 30 minutes.
REGISTRATION

UCSF NEURO AND MUSCULOSKELETAL IMAGING (MRD23022)
February 5-10, 2023 / Fairmont Orchid Resort
Early Enrollment Deadline: Friday, December 9, 2022

Easy ways to register:
2. Phone 415-476-5808 from 8:00 am to 4:00 pm Pacific Time.
3. Mail this form to: UCSF Office of CME, 490 Illinois St - Floor 8, SF CA 94143-0742

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 CME email notices? ☑ Yes ☑ No

COURSE REGISTRATION FEE
By 9-Dec-22 After 10-Dec-22
☑ $1,095 ☑ $1,195

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 Friday, January 6, 2023. No refunds will be made after this date.

COVID Guidelines: This conference will follow UCSF, city, state, and federal health and safety guidelines for meeting in person. At this time that includes requiring proof of full vaccination (plus booster once eligible). By registering for this in-person conference attendees agree to adhere to these guidelines. We will provide any updates on requirements in advance of the conference. https://meded.ucsf.edu/ce/covid-19