UCSF Radiology Annual Review: Comprehensive Imaging

March 12-16, 2018

JW Marriott / San Francisco, California

CME Credits: 34 SAM Credits: 28

includes Rapid-Fire, High-Yield Cases Sessions

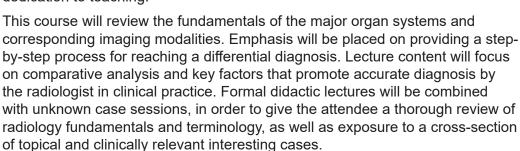


Department of Radiology and Biomedical Imaging
https://radiology.ucsf.edu/cme

JW Marriott - San Francisco, California

Outline

The Department of Radiology at the University of California San Francisco is proud to present its Annual Review course. This comprehensive radiology overview is appropriate for residents, clinical fellows and practicing radiologists interested in updating their working knowledge, by covering all the major radiology subspecialties. The course is designed to represent the breadth and depth of experience from each of UCSF Radiology's subspecialty sections, with presentations by faculty who are recognized for their clinical knowledge and dedication to teaching.



The course will include the following "non-Interpretive" lectures that are essential to general clinical radiology practice: CT/MR Safety, Ultrasound Technical Tips & Artifacts, IV Contrast, Practical CT/MR Physics.



Objectives

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

- 1. Identify imaging fundamentals of each of the radiology sub-specialties (organ systems);
- 2. Prescribe the appropriate utilization of imaging modalities (CT, MR, US, Mammography, Nuc Med) for different medical conditions;
- 3. Implement the appropriate imaging protocols for routine clinical presentations;
- 4. Recognize indications and markers for interventional procedures, as well as assessment of outcomes;
- 5. Apply classifications of pathophysiological mechanisms underlying human disease to facilitate differential diagnosis;
- 6. Refine imaging criteria to optimize image quality/findings and improve diagnostic interpretation.

Schedule at-a-Glance

	<u>Morning</u>	<u>Afternoon</u>
Monday	Gastrointestinal	Genitourinary
Tuesday	Thoracic	Physics / Safety
Wednesday	Pediatrics	Nuc Med / Interventional
Thursday	Ultrasound	Breast
Friday	Neuro	Musculoskeletal

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Registration

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

Save \$75 when pre-registering by January 12, 2018.

TUITION \$1,395 for for all medical professionals. Registration discounts are available for qualifying attendees, the registration form on the last page.

Save \$50 per person when three or more residents from the same medical institution pre-register for this course! Group discount requests must be mailed or faxed (form on last page). Applications must be received simultaneously to qualify; discounts will <u>not</u> be offered retroactively.

You must provide an email address to receive advance course and syllabus information.



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 **34** AMA PRA Category 1 Credits.™

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

The total credits are inclusive of 11.5 in CT, 10.0 in MR, 5.75 in Ultrasound, 3.0 in Breast Imaging, and 2.0 in Nuclear Medicine (PET).

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

ABR Self-Assessment (SAM) Credits SA

A total of **28** Self-Assessment Activities (SAM) will be offered for each of the subspecialties listed below (pending approval and subject to change). Quiz questions will be included in the lectures indicated with "SA" on the schedule.

2.00 in Breast3.25 in Gastrointestinal2.50 in Neuro3.00 in Ultrasound2.50 in Genitourinary1.00 in Nuc Med3.75 in Thoracic2.50 in Musculoskeletal2.00 in Interventional

2.50 in Pediatrics 2.00 in Non-Interpretive Skills

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 further information: www.theabr.org.

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Faculty are affiliated with UCSF Medical Center unless indicated otherwise.

Brett M. Elicker, MD Course Chair

Professor of Clinical Radiology Chief, Cardiac and Pulmonary Imaging

Spencer C, Behr, MD Assistant Professor of Radiology

Robert D. Boutin, MD

Professor of Clinical Radiology UC Davis School of Medicine

Soonmee Cha, MD

Professor of Radiology Vice-Chair of Education Director, Radiology Residency Program Director, Spine Intervention

Jesse Courtier, MD

Associate Clinical Professor of Radiology

Vickie A. Feldstein, MD

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

Nicholas Fidelman, MD Assistant Professor of Radiology

Ruth B. Goldstein, MD

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

Heather I. Greenwood, MD Assistant Professor of Radiology

Jessica H. Hayward, MD Assistant Professor of Radiology

Travis S. Henry, MD Associate Professor of Radiology

Michael D. Hope, MD

Associate Professor of Radiology Chief, Radiology Services Veterans Affairs Medical Center

Thomas A. Hope, MD Assistant Professor of Radiology Priyanka Jha, MBBS

Assistant Professor of Radiology

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

Kimberly G. Kallianos, MD Assistant Professor of Radiology

Maureen P. Kohi, MD

Associate Professor of Radiology Chief of Interventional Radiology

K. Pallav Kolli. MD

Assistant Professor of Radiology Associate Chair for Quality and Safety

Amie Y. Lee, MD

Assistant Professor of Radiology

Thomas M. Link, MD, PhD Professor of Radiology Chief, Musculoskeletal Imaging

Terry C.P. Lynch, MD Clinical Professor of Radiology

John D. MacKenzie, MD Associate Professor of Radiology

Chief, Pediatric Imaging

John T. Mongan, MD, PhD Assistant Professor of Radiology

Tara A. Morgan, MD Assistant Professor of Radiology

Daria Motamedi, MD

Assistant Professor of Radiology

David M. Naeger, MD Associate Professor of Clinical Radiology Associate Chair for Education

Michael A. Ohliger, MD, PhD Assistant Professor of Radiology

Rina Patel, MD Assistant Professor of Radiology

Andrew S. Phelps, MD Assistant Professor of Radiology Liina Poder, MD

Professor of Clinical Radiology

Vinil N. Shah MD

Assistant Professor of Radiology

Dorothy J. Shum, MD

Assistant Professor of Radiology

Ramya Srinivasan, MD

Assistant Professor of Radiology

Lori M. Strachowski. MD

Professor of Radiology, and of Obstetrics, Gynecology and Reproductive Sciences Chief. Ultrasound

Zuckerberg SF General Hospital

Derek Sun, MD

Assistant Professor of Radiology

Jason F. Talbott, MD, PhD

Assistant Professor of Radiology

Associate Clinical Professor of Radiology

Javier Villanueva-Meyer, MD Assistant Professor of Radiology

Emily M. Webb, MD

Alina Uzelac, DO

Professor of Clinical Radiology

Stefanie Weinstein, MD

Associate Professor of Radiology Assistant Director, Radiology Residency Chief, Ultrasound,

Veterans Affairs Medical Center

Antonio C. Westphalen, MD, PhD Associate Professor of Radiology

Benjamin M. Yeh, MD Professor of Radiology

Esther L. Yuh, MD, PhD Associate Professor of Radiology

Ronald J. Zagoria, MD, FACR Professor of Radiology

Chief, Abdominal Imaging

Matthew Zapala, MD, PhD Assistant Professor of Radiology



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Course Program



Monday, March 12, 2018

7:15 am Registration and Continental Breakfast

Gastrointestinal

8:00 am	Pancreatic Tumors and Mimics SA	Emily M. Webb, MD
8:45	CT/MR of the Acute Abdomen ^{sa}	Derek Sun, MD
9:30	Imaging of Colon Cancer sa	Emily M. Webb, MD
9:55	Recess	
10:15	Biliary Tract ^{sa}	Benjamin M. Yeh, MD
10:45	Liver Disease ^{sa}	Thomas A. Hope, MD
10:45 11:15	Liver Disease ^{sa}	• •

Genitourinary

1:15 pm	Benign Gynecologic Disease ^{sa}	Liina Poder, MD
1:40	Malignant Gynecologic Disease SA	Michael A. Ohliger, MD, PhD
2:05	Non-Tumorous Renal Disease ^{sa}	Priyanka Jha, MBBS
2:45	Recess	
3:05	Renal & Adrenal Masses SA	Ronald J. Zagoria, MD
3:45	Bladder, Prostate, Urethra ^{sa}	Antonio C. Westphalen, MD, PhD
4:00	Rapid-Fire Cases: GI/GU	Stefanie Weinstein, MD
5:00	Adjourn	

^{SA} Lecture includes Self-Assessment (SA-CME).



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Course Program



Tuesday, March 13, 2018

7:15 am Continental Breakfast

Thoracic, Pulmonary

8:00 am	HRCT of the Lung: Findings-Based Approach to Diagnosis ^{sa}	Brett M. Elicker, MD
9:00	CT/PET of Pulmonary Nodules ^{sa}	David M. Naeger, MD
9:30	The Lateral Chest Radiograph ^{sa}	Travis S. Henry, MD
9:50	Recess	
10:10	Lung Cancer Staging SA	David M. Naeger, MD
10:30	CT/PET of Mediastinal Tumors SA	David M. Naeger, MD
10:30 10:50	CT/PET of Mediastinal Tumors ^{SA}	•

Cardiac, Physics, Safety

1:15 pm	Imaging of the Heart: Top 10 Diagnoses SA	Kimberly G. Kallianos, MD
2:00	Vascular Diseases of the Thorax SA	Michael D. Hope, MD
2:30	Recess	
2:50	Practical Physics for the Radiologist: CT SA	Michael A. Ohliger, MD, PhD
3:15	Practical Physics for the Radiologist: MR ^{sa}	Michael A. Ohliger, MD, PhD
3:50	Ultrasound Technical Tips/Artifacts sa	John T. Mongan, MD, PhD
4:10	IV Contrast Use Update sa	Ronald J. Zagoria, MD
4:40	Playing it Safe: What You Need to Know SA	John T. Mongan, MD, PhD
	About CT/MR Safety	
5:00	Adjourn	

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Course Program



Wednesday, March 14, 2018

Adjourn

5:00

7:15 am Continental Breakfast

Pediatrics		
8:00 am	The Building Blocks of Pediatric Musculoskeletal Imaging SA	John D. MacKenzie, MD
8:30	Imaging the Pediatric Acute Abdomen: Pearls & Pitfalls SA	Jesse Courtier, MD
9:00	Pediatric Scrotal Imaging: The "Ts" sa	Jesse Courtier, MD
9:20	Pediatric Chest Imaging: What Not-to-Miss sa	Matthew Zapala, MD, PhD
9:40	Recess	
10:00	Updates in Non-Accidental Trauma ^{sa}	Matthew Zapala, MD, PhD
10:30	Important Pediatric Abdominal Masses sa	Andrew S. Phelps, MD
11:00	Don't-Miss Pediatrics Cases	Andrew S. Phelps, MD
11:30	Adjourn	
	dicine, Interventional	
1:00 pm	When PET Has Low Sensitivity ^{sa}	=
1:30	FDG PET Artifacts and Incidentalomas ^{sa}	·
2:00	Rapid-Fire Cases: General Nuc Med - 1	David M. Naeger, MD
2:20	Rapid-Fire Cases: General Nuc Med - 2	Spencer C. Behr, MD
2:40	Recess	
3:00	Vascular Diagnosis and Interventions ^{sa}	K. Pallav Kolli, MD
3:20	GI/GU Interventions sa	Nicholas Fidelman, MD
3:40	Percuatenous Biopsies ^{sa}	K. Pallav Kolli, MD
4:00	Portal and Biliary Interventions sa	Maureen P. Kohi, MD
4:20	Interventional Oncology sa	Nicholas Fidelman, MD
4:40	Interventions in Women's Imaging ^{sa}	Maureen P. Kohi, MD

^{SA} Lecture includes Self-Assessment (SA-CME).

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Course Program



Thursday, March 15, 2018

7:15 am Continental Breakfast

Utrasound	/ ObGyn
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8:00 am	Abdominal Ultrasound ^{sa}	Tara A. Morgan, MD
8:20	Key Points for Thyroid Imaging and Biopsy SA	Tara A. Morgan, MD
8:40	Female Pelvis: Uterus/Adnexa ^{sa}	Liina Poder, MD
9:00	Key Points in the First Trimester sa	Liina Poder, MD
9:20	Recess	
9:40	Key Points in the Second Trimester SA	Ruth B. Goldstein, MD
10:10	Most Relevant Fetal Anomalies sa	Vickie A. Feldstein, MD
10:40	Vascular Ultrasound sa	Dorothy J. Shum, MD
11:00	Genitourinary Ultrasound sa	Priyanka Jha, MBBS
11:30	Adjourn	

Breast

1:00 pm	Masses and Asymmetries ^{sa}	Bonnie N. Joe, MD, PhD
1:25	Calcifications sa	Heather I. Greenwood, MD
1:55	Breast MRI sa	Bonnie N. Joe, MD, PhD
2:20	Radiology-Pathology Concordance sa	Amie Y. Lee, MD
2:45	Recess	
3:05	Breast Ultrasound sa	Jessica H. Hayward, MD
3:30	Rapid-Fire Cases: Ultrasound / ObGyn	Lori M. Strachowski, MD
4:15	Rapid-Fire Cases: Breast	Lori M. Strachowski, MD
5:00	Adjourn	

^{SA} Lecture includes Self-Assessment (SA-CME).



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Course Program



Friday, March 16, 2018

7:15 am Continental Breakfast

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8:00 am	Brain Tumors ^{sa}	Soonmee Cha, MD
8:40	Intracranial Hemorrhage ^{sa}	Esther L. Yuh, MD, PhD
9:10	Brain Infections ^{sa}	Jason F. Talbott, MD, PhD
9:40	Recess	
10:00	Spine Masses ^{sa}	Vinil N. Shah, MD
10:30	Head & Neck Masses SA	Alina Uzelac, DO
11:00	Rapid-Fire Cases: Neuro	Javier Villanueva-Meyer, MD
11:45	Adjourn	

Musculoskeletal

1:15 pm	Shoulder MRI SA	Rina Patel, MD
1:40	Knee MRI ^{sa}	Ramya Srinivasan, MD
2:05	Arthritis and Infection SA	Thomas M. Link, MD, PhD
2:35	Skeletal Trauma sa	Terry C.P. Lynch, MD
3:05	Recess	
3:25	Metabolic ^{sa}	Robert D. Boutin, MD
3:45	Tumors & Tumor-like Conditions SA	Robert D. Boutin, MD
4:15	Rapid-Fire Cases: Musculoskeletal	Daria Motamedi, MD
5:00	Adjourn	

^{SA} Lecture includes Self-Assessment (SA-CME).

JW Marriott - San Francisco, California





JW Marriott Hotel

https://aws.passkey.com/go/ucsfradmarch2018

800-228-9290 or 415-771-8600

515 Mason Street (at Post), San Francisco, CA 94102

\$310 per night, includes iguest-room hi-speed internet. Reservation deadline: February 26, 2018.

To ensure the conference rate, make your reservation with the <u>hotel directly</u> by using the website or phone numbers listed above. Please remember that staying at the host hotel helps UCSF meet its contractual obligations and keep registration fees reasonable.

With a style all its own, the architecturally stunning JW Marriott San Francisco takes center stage in Union Square, the cultural heart of San Francisco. Step into a world of luxury, and walk across the street for the finest shopping and dining. A wide array of boutiques, galleries, museums and theaters are all within a few blocks.

Retreat to comfort and attention to detail in spacious, sophisticated rooms. Recently remodeled rooms offer large LCD TV's with plug-in panel for a fully adaptable space. A smoke-free hotel, the hotel also offers a state-of-the-art fitness center. The dramatic atrium is the setting for the lounge and restaurant, where a menu of innovative and tempting food & libations are shared.

Reservation requests made after 2/26/18 cannot be guaranteed and will be extended on a space and rate-available basis only. A credit card is required to confirm your reservation. Room rate includes in-room internet (reg. \$15 per day). Conference room rates will be extended 2 days pre-/ post- the conference dates (based on availability). Rates exclude state & local taxes, approximately 16.25% (subject to change). Valet parking: \$76 for daytime, \$66 for over-night, add'l \$10 oversize vehicles (plus tax); no self-park. Discounted car rentals with Hertz can be arranged onsite for hotel guests. Reservations may be cancelled up to 72 hours prior to arrival, or a one-night stay will be charged. In addition to the nightly room-rate, registrants are liable for any hotel taxes, fees, porterage, gratuities and applicable guestroom charges upon check-out.

Reserve your room by February 26, 2018 to be automatically included in a drawing onsite for four attendees to receive one complimentary room-night! (\$310 savings, minimum five-nights stay required).

Air Travel https://radiology.ucsf.edu/cme/sf travel

UCSF Radiology has negotiated discounted fares with Delta and United Airlines for radiology course attendees. You may use the following tour codes to book online or by phone (add'I fee via phone):

Delta http://tinyurl.com/www-delta-com-book 800-328-1111

code: NMQDC

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

code: ZYUF559912

Flights can be arranged to either San Francisco (SFO) or Oakland (OAK) airports. BART subway service (the least expensive transit option), shuttle vans and taxis are available from both airports to downtown San Francisco.

For more information on transit options to/from both SFO and OAK airports, visit:

SFO: www.flysfo.com OAK: www.oaklandairport.com

Bay Area Rapid Transit (BART) To/From SFO & OAK

www.bart.gov

BART trains connect the cities surrounding San Francisco within the Bay Area, including SFO and OAK airports. BART travels to/from both SFO and OAK to the downtown SF underground transit stations along Market Street, and is the least expensive transit option.

The JW Marriott is just five short blocks from the Powell Station, which is about a 25-minute ride from either SFO or OAK. For schedules, travel times and costs from both airports, visit the website listed above.

Bay Area Trip Planner http://transit.511.org

Enter your origin and destination points to get public transit options (BART/MUNI), travel times and fare costs to/from both SFO and OAK.

Local Transportation

www.sfmta.com San Francisco Municipal Railway (MUNI)

SF MUNI operates buses, streetcars and the subway within the city. Weeklong passes, coupon booklets, and one-, three- and seven- day passports make getting around SF much easier and less expensive. For information on the types of services offered, passes, costs and ticket purchase locations, visit the website listed above. Note: always ask for a free transfer/fare receipt as proof of payment, in order to avoid fines/tickets. MUNI does not connect to either airport.

Hertz Car Rental

www.hertz.com / 800-654-2240 Meeting code: CV# 01SY0264

A rental car is not necessary for your stay; however, there are several downtown Hertz locations for arranging day- or side-trips outside the city. Book online or call the Hertz Convention Desk using the phone number and meeting code listed above. There is a Hertz reservation desk in the JW Marriott.

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REGISTRATION

UCSF RADIOLOGY ANNUAL REVIEW (RAD18 024)

March 12–16, 2018 / JW Marriott, San Francisco Early Enrollment Deadline: Friday, January 12, 2018

Four easy ways to register:

Name

- 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://cme.ucsf.edu 4. Fax this form to 415-502-1795

REGISTRANT INFORMATION (PLEASE PRINT)





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 <u>written</u> request only by Friday, February 9, 2018. No refunds will be made after this date.