Practical Topics in Radiology: a Review of Key Clinical Concepts
August 21–25, 2017
Marriott Union Square / San Francisco, California
CME Credits: 25 / SAM Credits: 15.75

Includes Special “Master Class” Sessions with Renowned Senior UCSF Radiologists

https://radiology.ucsf.edu/cme
Course Outline

The UCSF Department of Radiology & Biomedical Imaging is proud to present an updated, revised review course to address the needs and interests of radiologists in clinical practice.

This course, featuring UCSF Radiology experts from all subspecialties, is designed to cover a range of current topics and address frequent clinical concerns and quandaries. The first four days are organized by topic. With input from and interaction with clinical colleagues, we will address: current techniques and precision imaging of cancer; new rules and guidelines related to a range of radiologic observations; recommended work-up and management of incidental findings; the role of the radiologist in the evaluation of trauma and emergency department patients and in performing percutaneous procedures.

The fifth and final day will consist of “Master Class” lectures by six esteemed senior UCSF faculty members, reviewing cases and reflecting on the most important pearls and pointers gleaned from their years of experience and investigation.

Objectives

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

1. Current concepts and recent US/CT/MR advances in genitourinary and gynecologic imaging and diseases;
2. Fundamentals, potential pitfalls and recent updates of obstetric ultrasound and breast imaging;
3. Systematic approach to diagnostic dilemmas in neuroradiology, pediatric and musculoskeletal radiology;
4. Fundamentals and advances in cardiac and pulmonary imaging;
5. Principles and pitfalls of PET/CT and interventional techniques;
6. Up-to-date approaches on diagnostic imaging and clinical treatment of specific clinical problems.

ABR Self-Assessment (SAM) Credits SA

A total of 15.75 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.

1.5 in Breast 1.5 in Gastrointestinal 0.5 in Neuro
3.75 in Ultrasound 1.0 in Genitourinary 1.5 in Non-Interpretive
3.75 in Thoracic 1.75 in Interventional 0.5 in Pediatrics

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.

Registration

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

Save $75 when pre-registering by June 23, 2017.

TUITION $1,195 for all medical professionals. Registration discounts are available for qualifying attendees, the registration form on the last page.

You must provide an email address to receive advance course and syllabus information.
Practical Topics: Key Clinical Concepts
August 21-25, 2017
Marriott Union Square - San Francisco, California

UCSF Faculty

Vickie A. Feldstein, MD
Course Co-Chair
Professor of Clinical Radiology, and of Obstetrics, Gynecology and Reproductive Sciences

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

A. James Barkovich, MD
Professor of Radiology
Chief, Pediatric Neuroradiology

Spencer C. Behr, MD
Assistant Professor of Radiology

Sarah M. Calkins, MD
Associate Professor of Clinical Pathology

Bianca Carpentier, MD
Assistant Professor of Radiology

Miles B. Conrad, MD, MPH
Assistant Clinical Professor of Radiology

William P. Dillon, MD
Professor of Radiology

Brett M. Elicker, MD
Associate Professor of Clinical Radiology
Chief, Cardiac and Pulmonary Imaging

Mindy E. Goldman, MD
Clinical Professor of Obstetrics, Gynecology and Reproductive Sciences

Kirsten L. Greene, MD, MS
Associate Professor of Urology

Michael D. Hope, MD
Associate Professor of Radiology

Priyanka Jha, MBBS
Assistant Professor of Radiology

Kim Kallianos, MD
Assistant Professor of Radiology

Marc Kohli, MD
Assistant Professor of Radiology

Amie Y. Lee, MD
Assistant Professor of Radiology

Brett Ley, MD
Assistant Professor of Medicine

Tara A. Morgan, MD
Assistant Professor of Radiology

Paul Nadler, MD
Professor of Medicine

Andrew S. Phelps, MD
Assistant Professor of Radiology

Liina Poder, MD
Professor of Clinical Radiology

Ernest Ring, MD
Professor Emeritus of Radiology

Vinil Shah MD
Assistant Professor of Radiology

Lynne S. Steinbach, MD
Professor of Radiology and Orthopaedics

Lori M. Strachowski, MD
Professor of Radiology, and of Obstetrics, Gynecology and Reproductive Sciences
Chief, Ultrasound
Zuckerberg SF General Hospital

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

Judy Yee, MD, FACR
Professor of Radiology
Chief, Radiology Services,
Veterans Affairs Medical Center

Matthew Zapala, MD, PhD
Assistant Professor of Radiology

Ronald J. Zagoria, MD, FACR
Professor of Radiology
Chief, Abdominal 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 25.0 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 6.75 in CT, 4.0 in MR, 5.75 in Ultrasound, 1.25 in Breast Imaging, and 1.5 in Nuclear Medicine (PET).

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

## Monday, August 21, 2017

**Techniques and Precision Imaging of Cancer**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>6:45 am</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>7:10</td>
<td>Introductions and Welcome</td>
</tr>
<tr>
<td>7:15</td>
<td>Typical and Atypical Appearances of Lung Cancer (^\text{SA})</td>
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<tr>
<td>8:00</td>
<td>Update on PET/CT Imaging of Lymphoma (^\text{SA})</td>
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<tr>
<td>8:15</td>
<td>The PET/CT Evaluation of Breast Cancer (^\text{SA})</td>
</tr>
<tr>
<td>8:30</td>
<td>Incidents and Artifacts on PET/CT (^\text{SA})</td>
</tr>
<tr>
<td>9:15</td>
<td>Recess</td>
</tr>
<tr>
<td>9:30</td>
<td>Latest Developments in Prostate Imaging (^\text{SA})</td>
</tr>
<tr>
<td>10:00</td>
<td><strong>Clinical Spotlight:</strong> Prostate Imaging: How Imaging Information is Used Clinically</td>
</tr>
<tr>
<td>10:30</td>
<td>Treatment-Related Changes Seen on PET/CT (^\text{SA})</td>
</tr>
<tr>
<td>11:15</td>
<td>Recess</td>
</tr>
<tr>
<td>11:30</td>
<td>Update on CT Colonography (^\text{SA})</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Imaging of Uterine and Cervical Cancer: What the Surgeon Wants to Know</td>
</tr>
<tr>
<td>12:30</td>
<td>Questions and Discussion</td>
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<tr>
<td>12:45</td>
<td>Adjourn</td>
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## Tuesday, August 22, 2017

**New Rules and Guidelines**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>6:45 am</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>7:15</td>
<td>Lung Cancer Screening and the LUNG-RADS System (^\text{SA})</td>
</tr>
<tr>
<td>7:45</td>
<td>Ultrasound Assessment of Early Pregnancy Failure: New Criteria (^\text{SA})</td>
</tr>
<tr>
<td>8:15</td>
<td>Postmenopausal Endometrium: Considerations, Cut-offs and Controversies (^\text{SA})</td>
</tr>
<tr>
<td>8:45</td>
<td>Image Gently and Lightly Campaigns: CT Dose Reduction (^\text{SA})</td>
</tr>
<tr>
<td>9:30</td>
<td>Recess</td>
</tr>
</tbody>
</table>

\(^\text{SA}\) Lecture includes Self-Assessment (SAM).
Course Program

Tuesday, August 22, 2017 (continued)

New Rules and Guidelines

9:45  Introduction to New Advances in Interstitial Lung Disease .........................................Brett M. Elicker, MD
9:55  Clinical Spotlight: Idiopathic Pulmonary Fibrosis Guidelines: Clinical ..........................Brett Ley, MD
10:15 Idiopathic Pulmonary Fibrosis Guidelines: Radiology  ...................................Brett M. Elicker, MD
10:35  Clinical Spotlight: Idiopathic Interstitial Pneumonia: Advances in Knowledge ........Brett Ley, MD
10:55 Idiopathic Interstitial Pneumonia: Advances in Radiology  ...................................Brett M. Elicker, MD
11:10 Recess
11:25 Breast Density Controversies and Legislation Update ...........................................Amie Y. Lee, MD
11:55 Update on the Guidelines for Imaging Management .............................................Amie Y. Lee, MD

12:45 pm Adjourn

Wednesday, August 23, 2017

Incidental Findings: Work-Up and Clinical Management

6:45 am Continental Breakfast
7:15  Incidental Cardiac/Aortic Findings on Chest CT ...............................................Michael D. Hope, MD
8:00 Pulmonary and Mediastinal Incidentalomas: It’s Not a Tumor .................................Kimberly Kallianos, MD
8:30 Incidental Findings on Abdominal Imaging .........................................................Bianca Carpentier, MD
9:15 Recess
9:30 Clinical Spotlight: Incidental Findings: the Clinician’s Perspective ....................Paul Nadler/Vickie Feldstein
10:00 Clinical Spotlight: Clinical GYN Decision-Making Based on Ultrasound Findings  ...Mindy Goldman/Vickie Feldstein
10:45 Recess
11:00 Incidental Findings in the Pelvis .................................................................Liina Poder, MD
11:45 Incidental Findings: Documentation Communication & Follow-Up ....................Marc D. Kohli, MD
12:30 Questions and Discussion
12:45 Adjourn

SA Lecture includes Self-Assessment (SAM).
Course Program

Thursday, August 24, 2017

Procedures, Trauma and Emergencies

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:45 am</td>
<td>Continental Breakfast</td>
</tr>
</tbody>
</table>
| 7:15  | Interventional Radiology in the Trauma Setting: Controversies and the Future  
       | Miles B. Conrad, MD, MPH                                                  |
| 8:00  | Venous Access: Tips, Tricks and Troubleshooting                          |
       | Evan D. Lehrman, MD                                                      |
| 8:30  | Everything But Venous Access: Pearls, Pitfalls and Disasters             |
       | Miles B. Conrad, MD, MD, MPH                                              |
| 9:00  | Recess                                                                   |
| 9:15  | Clinical Spotlight: Optimizing Image-Guided Biopsies FNA Techniques       |
       | Sarah Calkins/Vickie Feldstein                                           |
| 10:00 | The Value of MSK Ultrasound in Evaluating Acute Injuries                 |
       | Tara A. Morgan, MD                                                       |
| 10:45 | Recess                                                                   |
| 11:00 | Procedures Using Endovaginal Ultrasound-Guidance                         |
       | Tara A. Morgan, MD                                                       |
| 11:30 | Spine Procedures: the Latest and Greatest                                |
       | Vinil N. Shah, MD                                                        |
| 12:00 | Pediatric Imaging Emergencies                                            |
       | Matthew Zapala, MD                                                       |
| 12:30 pm | Questions and Discussion                                              |
| 12:45 | Adjourn                                                                  |

Friday, August 25, 2017 - Special Session

Masters Classes: Lectures by Esteemed Senior UCSF Faculty

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>6:45 am</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>7:15</td>
<td>Masters Class: Musculoskeletal Radiology</td>
</tr>
</tbody>
</table>
<pre><code>   | Lynne S. Steinbach, MD                                                   |
</code></pre>
<p>| 8:05  | Masters Class: Genitourinary Imaging                                    |
| Ronald J. Zagoria, MD                                                    |
| 8:55  | Recess                                                                   |
| 9:10  | Masters Class: Neuroradiology                                            |
| William P. Dillon, MD                                                    |
| 10:00 | Master Class: Pediatric Neuroradiology                                  |
| A. James Barkovich, MD                                                   |
| 10:50 | Recess                                                                   |
| 11:05 | Masters Class: Gastrointestinal Imaging and Virtual Colonoscopy         |
| Judy Yee, MD                                                              |
| 11:55 | Masters Class: Interventional Radiology                                 |
| Ernest Ring, MD                                                           |
| 12:45 pm | Adjourn                                                               |</p>

SA Lecture includes Self-Assessment (SAM).
**Practical Topics: Key Clinical Concepts**  
**August 21-25, 2017**  
**Marriott Union Square - San Francisco, California**

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**Marriott Union Square**  
480 Sutter Street at Powell  /  800–228–9290 or 415–398–8900  
Reservation deadline: Monday, July 31, 2017  /  Room rate: $260 single/double  
Join the Marriott Rewards Program prior to your arrival to receive complimentary guest-room internet  www.marriott.com/rewards/rewards-program.mi

Call the hotel directly at the number above, and mention that you are attending the UCSF Radiology course to receive the special rate. Reservation requests made after the deadline will be extended accommodations on a rate- and space-available basis only. A major credit card is required to guarantee the reservation.

When making your accommodation decision, please take into consideration that staying at the host hotel helps UCSF meet its contractual obligations and keeps registration fees reasonable.

The Marriott’s premier location in the heart of Union Square is ideal in that many of the city’s shopping areas and attractions are within walking distance, and the Powell Street Cable Car to Fisherman’s Wharf stops right outside of the hotel. The Hotel offers 400 over-sized guest rooms including luxurious suites, many which have spectacular San Francisco bay and city views. Additionally, guests can enjoy the fitness center and utilize the business center.

Reservations must be cancelled with 48-hours advance notice or a one-night’s stay will be charged. Room rates are subject to all state and local taxes, currently 16.25% (subject to change). Check-in is 4:00 pm; check-out is 12:00 noon. Maximum occupancy per room is 4 persons. Nightly parking is $59 standard-size vehicle and $69 oversize (with in & out privileges, plus taxes).

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**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'l fee via phone):

- **Delta**  
  https://tinyurl.com/www-delta-com-book  
  code: NMNKO  
  800–328–1111

- **United**  
  code: ZWZB714473  
  800–426–1122

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

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**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.

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**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.

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**Hertz Car Rental**  
www.hertz.com  /  800–654–2240  
Meeting code: CV# 01SY0263

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.
REGISTRATION

PRACTICAL TOPICS IN RADIOLOGY: KEY CLINICAL CONCEPTS (RAD18 006)
August 21-25, 2017 / JW Marriott, San Francisco
Early Enrollment Deadline: Friday, June 23, 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://cme.ucsf.edu
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?  m Yes   m No
Month/Day of Birth for record verification: _______  /  _______  / X X
month    day

COURSE REGISTRATION

By 6/23/17    After 6/23/17 Loyalty Discount applies only to live courses attended (not home-study)

$1,125  $1,195 Standard Registration  no UCSF Rad paid course 2016 cal year
$1,005  $1,080 Silver Status 10% discount  1 UCSF Rad paid course 2016 cal year
$  885  $  960  Gold Status 20% discount  2 UCSF Rad paid courses 2016 cal year
$  765  $  840 Platinum Status 30% disc  3 UCSF Rad paid courses 2016 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 $75, will be made upon receipt of a written request only by Friday, August 4, 2017. No refunds will be made after this date.