

# Thoracic Imaging

January 29-31, 2017

CME Credits: 12

Self-Assessment Credits: 12

# Abdominal and Pelvic Imaging

February 1-3, 2017

CME Credits: 12.75

Self-Assessment Credits: 12



Omni Rancho las Palmas Resort & Spa  
Palm Springs, California

**UCSF** Department of Radiology  
and Biomedical Imaging

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

# Thoracic Imaging

January 29-31, 2017

Omni Rancho las Palmas Resort - Palm Springs, CA

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## Course Outline

This course is a broad and diverse review of cross-sectional imaging of the chest, covering the pulmonary, vascular and cardiac systems. The comprehensive content will be useful as a review of thoracic imaging, as well as a guide for radiologists hoping to expand their practice into new areas.

The course will feature a majority of focused, shorter lectures to allow for a greater cross-section of thoracic topics and relevant information. Updates of established clinical applications will be reviewed, as well as newer, cutting-edge technologies such as cardiac CT. A practical approach to these emerging technologies will be stressed, so as to be useful to radiologists from all types of clinical practice.

## Self-Assessment

This course will offer 12 Self-Assessment credits;  
4.0 in Cardiac and 8.0 in Pulmonary.

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](http://www.theabr.org/moc-dr-comp2)

## Course Objectives

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

1. Confidently interpret high-resolution CT scans of the lungs and provide focused differential diagnoses;
2. Describe a practical approach to the imaging of lung infections
3. Understand typical manifestations of acute and chronic aortic diseases;
4. Describe the role of cross-sectional imaging in the evaluation of pulmonary embolism
5. Discriminate benign vs. malignant lung nodules/masses on CT and PET;
6. Understand the role of CT and PET in the evaluation and staging of lung cancer.

## 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 **12.0 AMA PRA Category 1 Credits**.™

The total credits are inclusive of 9.25 in CT, 0.5 in MR, and 1.75 in PET.

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

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

## Course Faculty

**Michael D. Hope, MD**

**Course Co-Chair**

Associate Professor of Radiology

**Brett M. Elicker, MD**

Associate Professor of Radiology

Chief, Cardiac and Pulmonary Imaging

**Travis S. Henry, MD**

Assistant Professor of Radiology

**David M. Naeger, MD**

Associate Professor of Radiology

Assistant Director, Nuclear Medicine  
Residency Program

**W. Richard Webb, MD**

Professor Emeritus of Radiology

## Registration

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

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

Pre-register by December 2, 2016 and save \$50 on your enrollment fee.

**Tuition** \$700 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 29, 2017 at 7:00 am  
Omni Rancho las Palmas Resort

**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

### Sunday, January 29, 2017 *Cardiovascular Imaging*

- 7:15 am Registration and Continental Breakfast
- 7:40 Imaging of Pulmonary Embolism <sup>SA</sup>
- 8:20 Acute Aortic Syndromes <sup>SA</sup>
- 9:10 Cardiac Findings on Routine Chest CT <sup>SA</sup>
- 9:30 Recess
- 9:50 Introduction to Coronary CTA <sup>SA</sup>
- 10:30 Perioperative Aorta: What the Surgeon Wants to Know <sup>SA</sup>
- 11:00 Imaging of Pulmonary Hypertension <sup>SA</sup>
- 11:30 Chest X-ray Review <sup>SA</sup>
- 12:00 pm Adjourn

Michael D. Hope, MD  
Michael D. Hope, MD  
Travis S. Henry, MD

Travis S. Henry, MD  
Michael D. Hope, MD  
Travis S. Henry, MD  
Michael D. Hope, MD

### Monday January 30, 2017 *Lung Cancer and Other Tumors*

- 7:15 am Continental Breakfast
- 7:40 Lung Cancer Screening <sup>SA</sup>
- 8:00 Insights into the Imaging of the Pulmonary Nodule <sup>SA</sup>
- 8:20 Typical and Atypical Appearances of Lung Cancer <sup>SA</sup>
- 8:40 Incidentals and Artifacts on PET <sup>SA</sup>
- 9:25 Recess
- 9:45 Practical Applications of Lung Cancer Staging <sup>SA</sup>
- 10:30 When PET Has Low Sensitivity <sup>SA</sup>
- 11:10 Mediastinal Masses: Is This Thing Benign or Not? <sup>SA</sup>
- 11:30 PET/CT of Other Thoracic Tumors <sup>SA</sup>
- 12:00 pm Adjourn

David M. Naeger, MD  
David M. Naeger, MD  
Brett M. Elicker, MD  
David M. Naeger, MD

Travis S. Henry, MD  
David M. Naeger, MD  
Brett M. Elicker, MD  
David M. Naeger, MD

### Tuesday January 31, 2017 *Pulmonary Imaging*

- 7:15 am Continental Breakfast
- 7:40 Multi-Disciplinary Approach to Diffuse Lung Disease <sup>SA</sup>
- 8:10 HRCT Findings: Reticular Patterns and Approach to Fibrosis <sup>SA</sup>
- 8:40 Update on Idiopathic Pulmonary Fibrosis <sup>SA</sup>
- 9:10 HRCT Findings: Ground glass opacity and Consolidation <sup>SA</sup>
- 9:40 Recess
- 10:00 Pulmonary Infections: The Key Patterns <sup>SA</sup>
- 10:30 HRCT Findings: Patterns of Nodular Disease <sup>SA</sup>
- 11:00 Multi-disciplinary Approach to Hypersensitivity Pneumonitis <sup>SA</sup>
- 11:30 HRCT Findings: Mosaic Perfusion, Cysts and Emphysema <sup>SA</sup>
- 12:00 pm Adjourn

Brett M. Elicker, MD  
Richard M. Webb, MD  
Brett M. Elicker, MD  
Richard M. Webb, MD

Brett M. Elicker, MD  
Richard M. Webb, MD  
Brett M. Elicker, MD  
Richard M. Webb, MD

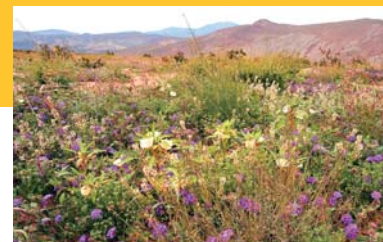
<sup>SA</sup> These lectures will include Self-Assessment Credit (SA-CME).

# Abdominal & Pelvic Imaging

February 1-3, 2017

Omni Rancho las Palmas Resort - Palm Springs, CA

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



## Course Outline

The goal of this course is to enhance the interpretation of body imaging studies and to improve clinical practice. This will be achieved by providing an updated review of state-of-the-art imaging methods and evidence-based practice in CT, MRI and Ultrasound as they pertain to the gastrointestinal and genitourinary systems. The ACR guidelines on managing incidental findings in the kidney, adrenal, liver, and pancreas on CT scans will be discussed (as appropriate).

## Self-Assessment

This course will offer 12 Self-Assessment credits: 9.0 in GI, 2.0 in ObGyn/Women's, and 1.0 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 (SA-CME, which includes SAMs). For more information: [www.theabr.org/moc-dr-comp2](http://www.theabr.org/moc-dr-comp2)

## Course Objectives

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

1. Apply the ACR recommendations for managing incidental findings in the kidney, liver, adrenal gland, and pancreas on CT scans;
2. Identify indications for the use of different imaging modalities (CT/MRI/US) for various abdomino-pelvic organs and conditions;
3. Apply practical approaches to diagnosing both benign and malignant diseases of the abdomen and pelvis;
4. Anticipate potential pitfalls in abdomino-pelvic imaging and interpretation;
5. Participants of the workshop are expected to learn a) the basic requirements for adequate prostate MR imaging acquisition and b) the use of PIRADS for imaging interpretation.

## 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 **12.75 AMA PRA Category 1 Credits**.™

The total credits are inclusive of 5.0 in CT, 3.25 in MR, 1.75 in Ultrasound, and 0.75 in PET.

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

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

## Course Faculty

**Spencer C. Behr, MD**

**Course Chair**

Assistant Professor of Radiology

**Marc D. Kohli, MD**

Assistant Professor of Radiology

**Derek Sun, MD**

Assistant Professor of Radiology

**Antonio C. Westphalen, MD, PhD**

Associate Professor of Radiology

## Course Faculty

**Jorge A. Soto, MD**

Associate Professor and  
Vice-Chair of Radiology  
Boston University School of Medicine  
Boston, Massachusetts

## Registration

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

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

Pre-register by December 2, 2016 and save \$50 on your enrollment fee.

**Tuition** \$700 for all medical professionals; registration discounts are available for qualifying attendees, please review the registration form on the last page.

### On-site Registration

Wednesday, February 1, 2017 at 7:00 am  
Omni Rancho las Palmas Resort.

**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

### Wednesday, February 1, 2017

- 7:00 am Registration and Continental Breakfast
- 7:30 CT of Bowel Obstruction <sup>SA</sup>
- 8:00 Imaging of Bariatric Surgery <sup>SA</sup>
- 8:30 Enterography: How It's Done and Why <sup>SA</sup>
- 9:00 Focal Liver Lesions <sup>SA</sup>
- 9:30 Recess
- 9:45 Transplant Anatomy and Imaging: Kidney, Liver, Pancreas <sup>SA</sup>
- 10:15 Pitfalls in MDCT of Blunt Abdominal Trauma <sup>SA</sup>
- 10:45 Pancreatic Cystic Lesions <sup>SA</sup>
- 11:15 MR Cholangiography Update <sup>SA</sup>
- 11:45 Questions and Discussion
- 12:00 pm Adjourn

Jorge A. Soto, MD  
Antonio C. Westaphalen MD, PhD  
Derek Sun, MD  
Spencer C. Behr, MD

Marc D. Kohli, MD  
Jorge A. Soto, MD  
Spencer C. Behr, MD  
Jorge A. Soto, MD

### Thursday, February 2, 2017

- 7:00 am Continental Breakfast
- 7:30 Biliary Tract Emergencies: Tips and Pitfalls <sup>SA</sup>
- 8:00 US Elastography of the Liver and Beyond <sup>SA</sup>
- 8:30 Imaging of Pancreatic Cancer <sup>SA</sup>
- 9:00 Update on Renal Cystic Lesions <sup>SA</sup>
- 9:30 Recess
- 9:45 Update on Imaging of Acute Pancreatitis <sup>SA</sup>
- 10:15 Controversies and Recent Developments of Contrast Agents <sup>SA</sup>
- 10:45 Imaging of the Adrenal Glands <sup>SA</sup>
- 11:15 Non-Interpretive Skills: Informatics and Quality Improvement Basics <sup>SA</sup>
- 11:45 Questions and Discussion
- 12:00 Adjourn

Jorge A. Soto, MD  
Marc D. Kohli, MD  
Antonio C. Westaphalen MD, PhD  
Derek Sun, MD

Jorge A. Soto, MD  
Derek Sun, MD  
Spencer C. Behr, MD  
Marc D. Kohli, MD

### Friday, February 3, 2017

- 7:00 am Continental Breakfast
- 7:30 Imaging of Uterine Malignancies <sup>SA</sup>
- 8:00 Uterine Fibroid Evaluation: How Imaging Guides Treatment <sup>SA</sup>
- 8:30 Abdominal Imaging Pitfalls <sup>SA</sup>
- 9:00 Artifacts and Incidentalomas on FDG PET/CTs <sup>SA</sup>
- 9:30 Recess
- 9:45 Imaging of Ovarian Masses <sup>SA</sup>
- 10:15 Imaging Female Patients with Pelvic Pain <sup>SA</sup>
- 10:45 Retroperitoneal Masses <sup>SA</sup>
- 11:15 Pearls & Pitfalls of Abdominal PET: Non-FDG avid Tumors <sup>SA</sup>
- 11:45 Questions and Discussion
- 12:00 pm Adjourn

Antonio C. Westaphalen MD, PhD  
Marc D. Kohli, MD  
Derek Sun, MD  
Spencer C. Behr, MD

Antonio C. Westaphalen MD, PhD  
Marc D. Kohli, MD  
Derek Sun, MD  
Spencer C. Behr, MD

<sup>SA</sup> These lectures will include Self-Assessment Credit (SA-CME).

# Thoracic / Abdominal & Pelvic Imaging

## January 29 - February 3, 2017

Omni Rancho las Palmas Resort - Palm Springs, CA

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### Hotel Reservations

tel: 866-423-1195 / 760-568-2727

Book online: <http://tinyurl.com/www-omnihotels-com-UCSFjan2017>

Run of House: \$209 / Reservation deadline: Monday, December 28, 2016

*The daily resort fee has been reduced to \$10 per day (regularly \$32) for UCSF attendees who book directly with the hotel via phone or reservation weblink only.*

*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.*

The Omni RLP has reserved a limited block of rooms at special room rates for this conference. Book online using the weblink above, or call the Reservations Department directly at the number above and mention that you are attending the UCSF Radiology course to receive the discounted rates.

Conference rates for reservation requests made after the deadline cannot be guaranteed and will be extended on a space-available basis only. A credit card number is required to guarantee your reservation. The room rate includes in-room high-speed internet access, fitness center access, local and toll-free calls, and in-room coffee.

A third adult per room is \$15 per night, fourth adult \$25; no additional charge for children under 18. Check-in is 4:00 pm, check-out is 11:00 am. Rates exclude 13.45% state & local taxes, 2% business development fee, 0.45% state tourism fee (subject to change). No-shows and cancellations made less than 7 days from scheduled arrival will be charged a one night's stay. Early departure fee is \$75. Valet and self-parking are both complimentary.

### Omni Rancho las Palmas Resort & Spa

[www.omnihotels.com/hotels/palm-springs-rancho-las-palmas](http://www.omnihotels.com/hotels/palm-springs-rancho-las-palmas)

41-000 Bob Hope Drive – Rancho Mirage, CA 92270

The Omni Rancho Las Palmas is the embodiment of new desert cool. Guests will enjoy new experiences such as Splashtopia, a family-fun pool and water playground; and bluEmber, the signature restaurant in the heart of the plaza, which exudes the sun-drenched charm and relaxed elegance of the Southern California desert.

Adjacent to the Resort is a 27-hole Ted Robinson-designed golf course, with three distinct 9-hole layouts. Rounding out the dramatic changes are a new lobby, enhanced guest rooms, the refurbished 20,000-square-foot European-style Spa Las Palmas, an Internet marketplace, and the sporty R Bar & Lounge.

Within walking distance of the Resort is The River, a family-friendly shopping, restaurant and theater complex. El Paseo Drive and the Westfield Shopping Center are only two miles away.



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## Air Travel

UCSF Radiology has negotiated fare discounts of up to 5% off coach fares and up to 10% off first class fares with Delta and United Airlines for course attendees. To ensure the lowest fares, please book with the airline directly using the codes below:

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

|       |       |              |
|-------|-------|--------------|
| Delta | NMNKQ | 800-328-1111 |
|-------|-------|--------------|

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

|        |     |              |
|--------|-----|--------------|
| United | TBD | 800-426-1122 |
|--------|-----|--------------|

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

PSP / [www.palmspringsairport.com](http://www.palmspringsairport.com)

The ONTario airport is about 80 miles or 1.5 hours away.

LAX and SAN Diego are about 130 miles / 2.5 hours away.

## Hertz Car Rental

[www.hertz.com](http://www.hertz.com) / CV# 01SY0263 / Hertz 800-654-2240

Arrangements have been made with Hertz for special rates during this UCSF meeting, as well as one week before and after this meeting. Rentals can be arranged for either Palm Springs or Ontario airports. Reserve using the phone and CV numbers listed above.



## The Greater Palm Springs Area

Palm Springs is located about 130 miles or a two-hour drive east of Los Angeles. The area includes the neighboring towns of Cathedral City, Rancho Mirage, Palm Desert and Indian Wells, as you travel southeast along Route 10 or Highway 111. The area has an average 350 days of sunshine a year, and winter temperatures are usually in the 70's.

The mix of southwestern culture and California history combine to make the Palm Springs area an eclectic mix of food, culture, outdoor activities, and an ideal opportunity for the art aficionado or furniture collector to enjoy the search for that unique find.

## Palm Springs Highlights

[www.visitgreaterpalmsprings.com](http://www.visitgreaterpalmsprings.com)

Villagefest – on Thursday evenings in downtown Palm Springs: enjoy an array of artists, artisans, entertainers, snacks and a farmers market.

The Gardens on El Paseo – stroll and shop on one of the most bountiful upscale shopping venues.

Living Desert Zoo & Botanical Garden – 1,200 acres of scenic trails and exhibits including gardens, live animal shows, a play park, a model train exhibit and tram rides.

Children's Discovery Museum – with over fifty hands-on exhibits for kids of all ages.

Moorten Botanical Gardens – examine over 3,000 examples of southwestern cacti and plants.

Air Museum – experience one of the world's largest collections of WW2 fighter planes.

Aerial Tramway – ascend 8,000 feet in the world's largest rotating tramcars, with a spectacular, never-ending panoramic view of Palm Springs below.

Joshua Tree National Park – located on the northeast edge of the Palm Springs area, the nearly 800,000 acre park encompasses the most interesting geologic displays found in California's deserts.



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### REGISTRATION

**Thoracic / Jan 29-31**

**RAD17019**

**Abdomen & Pelvis / Feb 1-3**

**RAD17021**

Early Enrollment Deadline: Friday, December 2, 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 <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

### 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.

**Cancellation** A refund of the enrollment fee, less \$75, will be made upon receipt of a written request only by Friday, January 13, 2017. No refunds will be made after this date.

No discounts on Optional Sessions or Morning Daily Fee, cancellation policy applies.

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.

**You must register for each course/session separately.**

| THORACIC                     |                              | FULL COURSE - AM SESSIONS                                               |                                       | ABDOMEN & PELVIS             |                              |
|------------------------------|------------------------------|-------------------------------------------------------------------------|---------------------------------------|------------------------------|------------------------------|
| By 12/2/16                   | After 12/2/16                | Loyalty Discount applies only to live courses attended (not home-study) |                                       | By 12/2/16                   | After 12/2/16                |
| <input type="radio"/> \$ 650 | <input type="radio"/> \$ 700 | Standard Rate                                                           | no UCSF Rad paid course 2016 cal year | <input type="radio"/> \$ 650 | <input type="radio"/> \$ 700 |
| <input type="radio"/> \$ 580 | <input type="radio"/> \$ 630 | Silver Status 10% discount                                              | 1 UCSF Rad paid course 2016 cal year  | <input type="radio"/> \$ 580 | <input type="radio"/> \$ 630 |
| <input type="radio"/> \$ 510 | <input type="radio"/> \$ 560 | Gold Status 20% discount                                                | 2 UCSF Rad paid courses 2016 cal year | <input type="radio"/> \$ 510 | <input type="radio"/> \$ 560 |
| <input type="radio"/> \$ 440 | <input type="radio"/> \$ 490 | Platinum Status 30% discount                                            | 3 UCSF Rad paid courses 2016 cal year | <input type="radio"/> \$ 440 | <input type="radio"/> \$ 490 |