Breast Imaging in the Desert: Current Strategies, Future Frontiers

November 6-10, 2006 Palm Springs, California
The Rancho Las Palmas Marriott Resort and Spa

March 23-25, 2007 Las Vegas, Nevada
Four Seasons Hotel Las Vegas

Presented by the Department of Radiology, University of California, San Francisco School of Medicine
Breast Imaging in the Desert
November 6-10, 2006
Rancho Las Palmas Marriott Resort & Spa • Rancho Mirage, California

Enrollment (All prices quoted in US Dollars)
Pre-registration is encouraged to ensure your space in this course.
Tuition: $895 for practicing physicians;
$745 for fellows, residents, technologists and nurses
(with a letter of verification).
Pre-register by September 8, 2006 and save $70 on your enrollment fee.
On-site Registration  Monday, November 6, 2006 at 7:00 a.m.
The Rancho Las Palmas Marriott Resort & Spa - Rancho Mirage, California

Breast Imaging in the Desert
March 23-25, 2007
Four Seasons Hotel Las Vegas • Las Vegas, Nevada

Enrollment (All prices quoted in US Dollars)
Pre-registration is encouraged to ensure your space in this course.
Tuition: $545 for practicing physicians;
$445 for fellows, residents, technologists and nurses
(with a letter of verification).
Pre-register by January 26, 2007 and save $50 on your enrollment fee.
On-site Registration  Friday, March 23, 2007 at 7:00 a.m.
Four Seasons Hotel Las Vegas - Las Vegas, Nevada

Faculty
R. James Brenner, MD, JD
Course Director
Professor of Radiology
Chief, Breast Imaging
University of California
School of Medicine at San Francisco

Carl J. D’Orsi, MD
Professor of Radiology
Chief, Breast Imaging
Emory University School of Medicine
Atlanta, Georgia

Jessica W.T. Leung, MD
Assistant Professor of Radiology
University of California
School of Medicine at San Francisco

Susan G. Orel, MD
Associate Professor of Radiology
University of Pennsylvania
School of Medicine
Philadelphia, Pennsylvania

Edward A. Sickles, MD
Professor Emeritus of Radiology
University of California
School of Medicine at San Francisco
Course Objectives

Through a series of lectures, panel discussions and workshops, UCSF Radiology presents two Breast Imaging courses for November 2006 and March 2007.

These courses will provide a concentrated overview of the current status of breast imaging and recent developments in the subspecialty. Emphasis on the application of mammographic and sonographic techniques in breast cancer detection and diagnosis will be highlighted in each series of lectures.

This course is intended for radiologists who specialize in breast imaging, as well as for the breast imaging needs of general diagnostic radiologists. Course content is also appropriate for radiologic technologists interested in learning more about breast imaging from the radiologist's perspective.

- An understanding of the anatomic bases for pathologic processes which affect the breast;
- The rationale and expected outcomes for imaging surveillance of probably benign lesions of the breast;
- Methods to reduce the number of false-negative and false-positive mammography interpretations;
- An appreciation of the medical legal aspects of breast imaging practice;
- Interventional breast imaging procedures, including percutaneous sampling of nonpalpable lesions and assistance in diagnostic work-ups;
- An understanding of full-field digital mammography and computer assisted detection;
- A recognition of the indications, strengths and weakness of current breast magnetic resonance imaging (MRI);
- An understanding of the considerations applicable to screening with different breast imaging techniques;
- A basis for evaluation of the post-operative breast.

Optional Digital Mammography Course

At the November course, an optional course in digital-mammography will be available to registrants on Monday and Tuesday afternoons (following the regular sessions), for an additional 7.25 credits. With the lecture on Full-Field Digital Mammography from Wednesday morning (.75 credits), there is a combined total of 8 credits. The Digital Mammography Course description and schedule follows the November week-long course schedule.

These activities are sponsored in part by support from:
  Hologic, Inc.
  Johnson and Johnson
  Toshiba America Medical Systems

These activities are sponsored in part by gifts in-kind from:
  Diversified Diagnostic Products, Inc.
Program

Monday, November 6, 2006
Moderator: R. James Brenner, MD, JD
7:00 am Registration and Continental Breakfast
7:20 Introductions and Announcements R. James Brenner, MD, JD
7:30 Pathophysiology of Breast Disease: Why Things Look the Way They Do R. James Brenner, MD, JD
9:30 Rationale and Outcomes of Surveillance Edward A. Sickles, MD
10:00 Recess
10:30 Low Suspicious Lesions: Biopsy or Surveillance Faculty Panel
11:15 Workshops Course Faculty
12:15 pm Adjourn

Tuesday, November 7, 2006
Moderator: Edward A. Sickles, MD
7:00 am Continental Breakfast
7:30 Medical Legal Aspects of Breast Imaging R. James Brenner, MD, JD
8:30 Avoiding False Positives and Negatives Edward A. Sickles, MD
9:30 Recess
10:00 Medical Legal Panel - Session 1 Faculty Panel
11:00 Workshops Course Faculty
12:00 pm Adjourn

Wednesday, November 8, 2006
Moderator: Jessica W.T. Leung, MD
7:00 am Continental Breakfast
7:30 Update and Overview of Digital Mammography and CAD Carl J. D’Orsi, MD
8:30 Percutaneous Biopsy and Treatment: Update Jessica W.T. Leung, MD
9:30 Recess
10:00 Medical Legal Panel - Session 2 Faculty Panel
11:00 Workshops Course Faculty
12:00 pm Adjourn

Thursday, November 9, 2006
Moderator: Jessica W.T. Leung, MD
7:00 am Continental Breakfast
7:30 Issues in Mammographic Screening Carl J. D’Orsi, MD
8:00 Issues in Ultrasound Screening Jessica W.T. Leung, MD
8:30 Breast MRI Susan G. Orel, MD
9:30 Recess
10:00 New Technologies Edward A. Sickles, MD
10:30 Screening for High-Risk Patients Faculty Panel
11:30 Workshops Course Faculty
12:30 pm Adjourn
Friday, November 10, 2006

Moderator: R. James Brenner, MD, JD

7:00 am  Continental Breakfast

7:30  The Post-operative Breast  Susan G. Orel, MD

8:00  Issues in Patient Evaluation, Throughput, Reporting, Triaging  Faculty Panel

9:00  Workshops  Course Faculty

10:00  Adjourn

Schedule of Workshops

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Brenner: Evaluation of Lesions Initially Seen in One View Only
Sickles: Mammographic Interpretation at the Viewbox
Leung: Interventional Cases: Problems and Solutions
Orel: Breast MRI and MRI Biopsy
D’Orsi: Breast Imaging Challenging Cases

Note: Registrants will be assigned to one of these three groups at the beginning of the Course. Each registrant will attend all five workshops. Dr. Sickles’ workshop is based on 20 “unknown” cases that will be mounted on viewboxes. Registrants should plan an adequate block of time to preview these cases prior to attending this workshop (cases will be available for viewing starting at 7 am on Sunday morning).

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 educational activity for a maximum of 19.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit issued by organizations accredited by the ACCME.

Technologists: This program is approved for AMA-CMA credit and will be accepted toward meeting the continuing education requirements of the ASRT. Technologists may report 19.5 ECE points in Category B if they attend the entire program (Category A pending).

This course meets the criteria for 19.5 credits in Category 1. The approved credits also satisfy FDA requirements for mammography education (under the Mammography Quality Standards Act) as follows: 19.5 credits in Category 1 for mammography and 1 credit in Category 1 for digital mammography. The hours also can be applied to voluntary ACR accreditation programs as follows: 1 credit in Category 1 for breast ultrasound and ultrasound-guided biopsy, and 2 credits in Category 1 for stereotactic-guided biopsy. Registrants will review 20 mammography cases.
At the November course, an optional mini-course in digital mammography will be available to registrants on Monday and Tuesday afternoons (following the regular sessions). A full 8 hours of digital mammography credit necessary for initial MQSA accreditation will be made available in this course.

This course will provide a concentrated overview of the current status of and recent clinical developments in full-field digital mammography, for both breast imaging specialists and general radiologists. The application of digital mammographic techniques to breast cancer detection and diagnosis will be emphasized. The material covered in the course is designed to help radiologists build their digital mammography practices on a firm foundation of knowledge. Upon completion of this educational activity, participants should be able to describe:

- the strengths and limitations of digital mammography compared to conventional screen-film mammography;
- the imaging technology upon which digital mammography is based;
- the results of clinical trials using full-field digital mammography;
- how to use digital mammography effectively for screening and diagnostic examinations, and for interventional procedures;
- practical approaches to the implementation of full-field digital mammography in a breast imaging practice;
- compliance with FDA-implemented MQSA requirements;
- emerging digital mammography technologies, including contrast-enhancement subtraction and tomosynthesis.

Digital Mammography
Monday, November 6, 2006
Moderator: Edward A. Sickles, MD

1:15 pm Digital Mammography: Technology Overview Carl J. D’Orsi, MD
2:00 Advanced Applications of Full-Field Digital Mammography: Tomosynthesis, Contrast-enhanced Subtraction Carl J. D’Orsi, MD
2:45 Recess
3:15 Review of Clinical Trials Edward A. Sickles, MD
4:00 Interesting Cases Carl J. D’Orsi, MD
5:00 Adjourn

Tuesday, November 7, 2006
Moderator: R. James Brenner, MD, JD

1:00 pm Computer-aided Detection and Diagnosis (CAD) Jessica W.T. Leung, MD
1:45 Medical Legal aspects of Digital Mammography and CAD R. James Brenner, MD
2:30 Recess
3:00 Implementing Digital Mammography in Your Practice: Workstations, PACS, Film-to-digital Connectivity & Compatibility, Throughput Course Faculty
4:45 Adjourn

Wednesday, November 8, 2006

7:30-8:30: Overview and Update on Digital Mammography Carl J. D’Orsi, MD

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 educational activity for a maximum of 8 category 1 credits toward the AMA Physician’s Recognition Award. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The approved credits also satisfy FDA requirements for digital mammography education (under the Mammography Quality Standards Act) for both the initial training requirement (8 hours) and the continuing experience requirement (6 hours every three years).
Rancho Las Palmas Accommodations

For more detailed information about Palm Springs Desert Resort Activities, including golf and spa, see this website: [http://www.palmspringsusa.com/](http://www.palmspringsusa.com/)

The Rancho Las Palmas Marriott Resort & Spa
41000 Bob Hope Drive, Rancho Mirage, CA
Reservation Line, 866-332-5695

The Rancho Las Palmas Resort has a 27-hole Ted Robinson designed golf-course, an appointment-only Las Palmas Spa and offers a variety of outdoor activities such as tennis, hiking and horse-back riding. Six lounges & restaurants, children’s programs, and a host of in-room amenities offer each guest relaxation and comfort in a fresh setting. It is located within walking distance of the River complex which includes PF Chang’s and the Cheesecake Factory: [http://www.theriveratranchomirage.com/](http://www.theriveratranchomirage.com/).

A block of rooms has been reserved at The Rancho Las Palmas for this conference. You may also call the hotel directly at 760-568-2727. Please mention that you are attending the UCSF Radiology meeting to receive the conference room rates:

- $179 Standard;  $209 Deluxe
- Optional Resort Fee $9.95 per night, Parking Complimentary

Reservations must be made by Friday, October 6, 2006. After that date, rooms are offered at the conference rates on a space-available basis. A credit card number is required to guarantee your reservation. The rate of one night’s accommodations will be charged for reservations cancelled less than 7 days prior to arrival. Charges are subject to all applicable state and local taxes (10.15 %).

Airline Discounts

UCSF Radiology has negotiated special fares with American, Hawaiian and United Airlines for radiology course attendees. You may use the following tour codes to book on your own:

- American  800-433-1790    code: 15273
- United 800-521-4041    code: 510CF

You may also use our designated travel agency, which may be able to book discounts with other airlines:

- Montgomery Travel – the Official UCSF Radiology travel agency
  800-391-2287 or 415-391-2287   Pacific time

Car Rental

Arrangements have been made with Hertz Rent-a-Car for special rates during these UCSF meetings, as well as one week before and after each meeting. Call the Hertz Convention Desk at 800-654-2240; be sure to tell the agent the meeting name (Breast Imaging) and number: CV 01SY0197
Registration

We encourage you to enroll early, as only full payment guarantees a space in this course. You may pre-register in one of the following ways:

Register online now at http://cme.ucsf.edu

By fax: Fax your enrollment form to 415-502-1795. Please include your Visa, Mastercard or American Express number, expiration date and the name on the card. Don’t forget to sign the enrollment form.

By mail: Mail your completed enrollment form, along with your credit card number or check, payable to U.C. Regents, to: UCSF Office of CME, P.O. Box 45368, San Francisco, CA  94145-0368

By phone: Call 415-476-5808 and identify the meeting name. Please have your Visa, Amex or Mastercard information available.

Registrant Information  Please print.

Name ________________________________________________________________________________
First Last Degree
Address ______________________________________________________________________________
_____________________________________________________________________________________
City State Postal Code
_____________________________________________________________________________________
Country (if outside the U.S.)
Phone ____________________________________       Fax ____________________________________
Area Code Area Code
E-mail ________________________________________________________________________________

☐ Please add me to your priority email list.

Month/Date of Birth    __________ / __________ / X X
for record verification  Month                   Date

Course Registration
RAD 07 012
Breast Imaging in the Desert
November 6-10, 2006
Rancho Las Palmas Marriott Resort & Spa

EARLY ENROLLMENT DEADLINE: Friday, September 8, 2006

Check one (Early) (Full)
☐ MDs $825 $895
☐ RN, RT, RDMS, residents, fellows (with letter of verification from employer) $675 $745

Digital Mammography
☐ Health Professional $275

Method of Payment
☐ Check enclosed, payable to UC Regents.

Please charge my: ☐ Visa ☐ Mastercard ☐ Amex

Card No. ____________________________________________________________
Exp. Date________________________________________________________________
Authorized Signature

Course Registration
RAD 07 028
Breast Imaging in the Desert
March 23-25, 2007
Four Seasons Hotel Las Vegas

EARLY ENROLLMENT DEADLINE: Friday, January 26, 2007

Check one (Early) (Full)
☐ MDs $495 $545
☐ RN, RT, RDMS, residents, fellows (with letter of verification from employer) $395 $445

Method of Payment
☐ Check enclosed, payable to UC Regents.

Please charge my: ☐ Visa ☐ Mastercard ☐ Amex

Card No. ____________________________________________________________
Exp. Date________________________________________________________________
Authorized Signature

Enrollment confirmation will be mailed to you within two weeks of receipt of the application.

Course Cancellation: A refund of the enrollment fee, less $75, will be made upon receipt of a written request only. After these dates, no refunds will be made:
November 2006 meeting: October 27, 2006  •  March 2007 meeting: March 16, 2007