*Register by September 22, 2008 for Reduced Enrollment Fee*

To register online, please visit our website at [www.cme.ucsf.edu](http://www.cme.ucsf.edu) or call the UCSF Office of Continuing Medical Education to register at 415-476-5808.

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Presented by the Department of Surgery,  
University of California, San Francisco School of Medicine

**Selective Sentinel Lymphadenectomy and Breast Ultrasound Course**

November 7–8, 2008

UCSF Medical Center at Mt. Zion – Herbst Hall  
1600 Divisadero St., 2nd Floor, San Francisco, California
Course Overview

Exciting new technologic developments offer enhanced outcomes and reduced morbidity to cancer patients. This course covers two recent advances in the management of surgical patients. The first day of the course will provide multidisciplinary training in the use of lymphoscintigraphy, intraoperative lymphatic mapping, and sentinel lymph node dissection for the staging and management of cutaneous melanoma, breast cancer, and colon cancer. The course faculty includes pioneering investigators in the field of selective lymphadenectomy and radio-guided surgery who share their experience in the development of this approach and the management of more than 1,000 patients.

This program is designed for physicians and nurses who are involved in the care and/or diagnosis of cancer patients, including general surgeons, plastic surgeons, dermatologists, nuclear medicine physicians, and pathologists, as well as nurses, physician assistants, and operating room personnel involved in the care of the cancer patient. It provides an in–depth background on the indications, rationale, and conduct of preoperative lymphoscintigraphy, intraoperative lymphatic mapping, and selective sentinel lymph node dissection through didactic presentation and hands–on practicum with individualized instruction in lymphatic mapping technique through video presentation. Registration of a multidisciplinary team (surgeon, nuclear medicine physician, and pathologist) is strongly encouraged to most effectively utilize the presented material.

The second day of the course will cover the basics of diagnostic and interventional breast ultrasound. After completing this program, the surgeon should better understand the interpretation of breast ultrasound images and the use of ultrasound for managing and evaluating patients.

The course provides an in–depth background on: the physics and principles of breast ultrasound, equipment for breast ultrasound, indications for breast ultrasound, scanning techniques, normal sonographic anatomy, the sonographic appearance of breast abnormalities, interventional breast ultrasound techniques, and the incorporation of breast ultrasound into a general surgery practice.

The completion of a CME-accredited breast ultrasound course is important for any surgeon applying for hospital privileges in breast ultrasound and/or applying for breast ultrasound certification. At least 80% of the emerging field of minimally–invasive breast surgery will be based on ultrasound guidance. For surgeons who see breast patients as a routine part of their practice, the incorporation of ultrasound into their surgical practice will be important now in order to transition into the field of minimally invasive breast surgery in the future.

Faculty

Course Chair
Stanley P. L. Leong, MD, FACS
Professor of Surgery and Director
Sentinel Lymph Node Program
University of California, San Francisco

Guest Faculty
Jan Harness, MD, FACS
St. Joseph Comprehensive Breast Center
Orange, CA

Eric B. Whitacre, MD, FACS
Breast Center of Southern Arizona
Tucson, AZ

Jan H. Wong, MD, FACS
Professor of Surgery
Loma Linda University
Loma Linda, CA

University of California, San Francisco Faculty
Cheryl Ewing, MD, FACS
Assistant Professor of Clinical Surgery

Eugene T. Morita, MD
Emeritus Clinical Professor of Radiology
and Nuclear Medicine

Patrick A. Treseler, MD, PhD
Clinical Professor of Pathology
**Accreditation**

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this educational activity for a maximum of 13.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

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

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**Program**

**Friday, November 7**

8:00am Registration and Continental Breakfast

8:20 Introduction (S. Leong)

8:30 Preoperative Lymphoscintigraphy (E. Morita)

9:00 Selective Sentinel Lymphadenectomy and Coding for Melanoma (S. Leong)

9:30 Selective Sentinel Lymphadenectomy and Coding for Breast Cancer (C. Ewing)

10:10 Break

10:30 How to Establish a Sentinel Lymph Node Program in a Community Hospital (J. Wong)

11:00 Pathologic Evaluation of the Sentinel Lymph Node (P. Treseler)

11:30 Lunch (Provided)

1:00pm Concurrent Workshop Sessions

Participants will be divided into small groups and rotate through the following seminars:

A. Video presentation: Melanoma and Breast Cases
B. Practicum Hands-On Workshop
C. Nuclear Medicine
D. Immunohistochemical Staining and Analysis

3:45 Break

4:00 Experts Panel and Concluding Remarks

5:00 Adjourn

**Saturday, November 8**

8:00am Registration and Continental Breakfast

8:15 Welcome Remarks (S. Leong) and Introduction (J. Harness and E. Whitacre)

8:20 Physics, Principles, and Scanning Techniques of Normal Breast Ultrasound (J. Harness)

9:00 Interpretations and Pitfalls of Breast Ultrasound (J. Harness)

9:30 Break

9:45 Interventional Breast Ultrasound Procedures (E. Whitacre)

10:45 Breast Ultrasound: Credentialing, Coding, and Incorporation into the General Surgery Practice (E. Whitacre)

11:30 Lunch (Provided)

12:30pm Hands-On Workshops:

Participants will rotate through workstations introducing state-of-the-art ultrasound techniques and equipment. Live models and phantom breast moulages will be used to develop skills in breast ultrasound imaging and ultrasound-guided breast biopsy.

4:15 Break

4:30 Experts Panel and Concluding Remarks

5:00 Adjourn
**Educational Objectives**

Upon completion of this program, participants should be able to:

- Discuss the background, rationale, current experience, and limitations of lymphatic mapping and sentinel lymph node dissection in the management of patients with cutaneous melanoma and breast cancer.
- Demonstrate familiarity with lymphatic mapping procedure and dissection techniques.
- Establish a sentinel lymph node mapping program in a hospital.
- Describe ultrasound physics and the principles of breast ultrasound.
- Select and use appropriate equipment for ultrasound examinations of the breast.
- Interpret breast ultrasound lesions and understand pitfalls of ultrasound techniques.
- Perform ultrasound-guided interventional procedures.
- Explain the issues of incorporating ultrasound into a general surgical practice.

### COURSE REGISTRATION FORM  
SSL/Breast Ultrasound  
MSU09005

Mail to:  
UCSF Office of CME  
P.O. Box 45368  
San Francisco, CA 94145-0368  

Online Registration: [www.cme.ucsf.edu](http://www.cme.ucsf.edu)  
Fax: (415) 502-1795  
Registration Information: (415) 476-5808  
Course Information: (415) 476-4251

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*Physicians in training must include a letter of verification from training program with registration.*

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**November 7 & 8, 2008**

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Would you like to be on our priority email list?  ☐ Yes  ☐ No

Address Label Code (see address label: example, A, B, C, D, etc.): ________________

Date of birth to be used as registrant number: _/__/X_X

Please indicate if you have any special needs: ________________________________

Make checks payable to UC Regents

Please charge my  ☐ Visa  ☐ MasterCard  ☐ American Express for $ ________________

Card #  Exp. Date

Name on Card (Please Print)  Authorized Signature

Cancellations received in writing before the first day of the course will be refunded, less a $75 administrative fee.

**Parking:**  
Friday – Parking lots are open. Meters are in effect on Fridays and Saturdays. Saturday – parking lots are closed; limited to street parking. PLEASE ALLOW AT LEAST 30 MINUTES TO FIND PARKING and check street signs carefully.