



Thyroid, Parathyroid, and Neck Ultrasound Course

Tuesday, April 25, 2017 * 7:00am to 4:35 pm

Manchester Grand Hyatt – San Diego, CA

Course Director: Russell Smith, MD

The objective of this course is to introduce the practicing surgeon to office based ultrasound examination of the thyroid, parathyroid, and neck for commonly encountered diseases. The distinction of normal from malignant lymphadenopathy is emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical levels I-VI. The technique of ultrasound guided fine needle aspiration biopsy (FNAB) of thyroid nodules and lymph nodes are addressed in didactic lecture format.

In addition, hands-on skill sessions allow the surgeon to develop techniques to perform diagnostic neck ultrasound and ultrasound guided FNAB. The use of standardized patients allows supervised hands on experience with transverse and longitudinal scanning methods. The techniques of FNAB of lesions will be performed using phantom models. Attendees will be instructed in the practical detail and hurdles in developing office based ultrasound.

COURSE AGENDA

Didactic Session

7:00 am – 7:30 am	Registration & Continental Breakfast
7:30 am – 7:40 am	Course Introduction - <i>Russell B. Smith, MD</i>
7:40 am – 8:10 am	Principles and Physics of Ultrasonography - <i>Russell B. Smith, MD</i>
8:10 am – 8:30 am	Scanning Techniques for Head and Neck Ultrasonography – <i>Arjun S. Joshi, MD</i>
8:30 am – 9:10 am	Ultrasonography of Normal Neck Anatomy – <i>David Steward, MD</i>
9:10 am – 9:25 am	Break
9:25 am – 9:40 am	Instructor Demonstration – <i>Russell B. Smith, MD and Lisa A. Orloff, MD</i>
9:40 am – 10:10 am	Thyroid Ultrasonography – <i>William B. Armstrong, MD</i>
10:10 am – 10:35 am	Parathyroid Ultrasonography – <i>Maisie Shindo, MD</i>
10:35 am – 10:50 am	Break
10:50 am – 11:30 am	Neck Ultrasonography – <i>Kevin T. Brumund, MD</i>
11:30 am – 12:00 pm	Interventional Ultrasonography – <i>Lisa A. Orloff, MD</i>
12:00 pm – 12:15 pm	Lunch Break (Box Lunch to be provided)
12:15 pm – 12:45 pm	Integrating Office Based Ultrasonography into Practice – <i>Merry E. Sebelik, MD</i>
12:45 pm – 12:50 pm	Lab Introduction – <i>Russel B. Smith, MD</i>
12:50 pm – 1:00 pm	Break for Transition to Lab

Lab Session

Hands-On Faculty: *Russell Smith, MD, William Armstrong, MD, Kevin Brumund, MD, Michael Holtel, MD; Arjun Joshi, MD, Lisa Orloff, MD, Merry Sebelik, MD, Maisie Shindo, MD, Michael Singer, MD, & David Steward, MD*

1:00pm - 1:15pm	Instructors Meet Volunteers and Support Staff for US Equipment
1:15pm - 1:45pm	Module 1: Basic Technical Issues
1:45pm - 2:15pm	Module 2: Central Neck Anatomy
2:15pm - 2:45pm	Module 3: Lateral Neck Anatomy
2:45pm - 3:00pm	Break
3:00pm - 3:30pm	Module 4: Lymph Node Evaluation
3:30pm - 4:00pm	Module 5: Performance Exam
4:00pm - 4:30pm	Module 6: Ultrasound Guided FNA
4:30pm - 4:35pm	Concluding Remarks