



Thyroid, Parathyroid, and Neck Ultrasound Course

Tuesday, April 17, 2018

7:00am to 4:35 pm

Gaylord National Resort, National Harbor, 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

Course Directors: Russell Smith, MD & Kevin Brumund, MD

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>Joseph C. Sniezek, 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>Russell B. Smith, 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>Russell 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, Vinay T. Fernandes, MD, FRCSC, Jagdish Hingra, MD, Arjun S. Joshi, MD, Ryan J. Li, MD, Nithin A. Pagedar, MD, Merry Sebelik, MD & Joseph C. Sniezek, MD*

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