



Thyroid, Parathyroid, and Neck Ultrasound Course

Tuesday, April 30, 2019 * 7:00 am to 4:35 pm

JW Marriott, Austin, Texas

Course Director: Russell Smith, MD, FACS & Marika Russell, MD, FACS

PROGRAM OBJECTIVES

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.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of 7.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the *AMA PRA Category 1 Credits™* listed above, a maximum of 7.75 credits meet the requirements for Self-Assessment.



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FACULTY DISCLOSURES

In compliance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation.

IN-KIND DONATION ACKNOWLEDGEMENT

The American Head & Neck Society gratefully acknowledges the following companies for generous in-kind contributions for this educational activity.

GE Healthcare • RGS Healthcare

Course Agenda

Tuesday, April 30, 2019

Didactic Session

Room: 502-503

7:30 am - 7:40 am	Course Introduction
7:40 am - 8:10 am	Principles and Physics of Ultrasonography – <i>Joseph Sniezek, MD, FACS</i>
8:10 am - 8:30 am	Scanning Techniques for Head and Neck Ultrasonography – <i>Arjun Joshi, MD, FACS</i>
8:30 am - 9:10 am	Ultrasonography of Normal Neck Anatomy – <i>Russell Smith, MD, FACS</i>
9:10 am - 9:25 am	Break
9:25 am - 9:40 am	Instructor Demonstration – <i>Russell Smith, MD, FACS</i>
9:40 am - 10:10 am	Thyroid Ultrasonography – <i>William Armstrong, MD, FACS</i>
10:10 am - 10:35 am	Parathyroid Ultrasonography – <i>Ryan Li, MD, FACS</i>
10:35 am - 10:50 am	Break
10:50 am - 11:30 am	Neck Ultrasonography – <i>Kevin Brumund, MD, FACS</i>
11:30 am - 12:00 pm	Interventional Ultrasonography - <i>Marika Russell, MD, FACS</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 Sebelik, MD, FACS</i>
12:45 pm - 12:50 pm	Lab Introduction
12:50 pm - 1:00 pm	Break for Transition to Lab

Lab Session

Room: 402-403

Hands-On Faculty: *William Armstrong, MD, FACS; Kevin Brumund, MD, FACS; Jagdish Dhingra, MD; Arjun Joshi, MD, FACS; Ryan Li, MD, FACS; Nitin Pagedar, MD, MPH, FACS; Marika Russell, MD, FACS; Merry Sebelik, MD, FACS; Russell Smith, MD, FACS; and Joseph Sniezek, MD, FACS*

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

COURSE CHAIRS:

Russell Smith, MD, FACS

Baptist MD Anderson Cancer Center
Jacksonville, FL

Marika Russell, MD, FACS

UC San Francisco
San Francisco, CA

COURSE SPEAKERS:

William Armstrong, MD, FACS

University of California - Irvine Medical Center
Orange, CA

Kevin Brumund, MD, FACS

UC San Diego Health Systems
La Jolla, CA

Jagdish Dhingra, MD

Tufts University School of Medicine
Boston, MA

Arjun Joshi, MD, FACS

The George Washington University
Washington, DC

Ryan Li, MD, FACS

Oregon Health and Science University
Portland, OR

Nitin Pagedar, MD, FACS

University of Iowa
Iowa City, IA

Merry Sebelik, MD, FACS

Emory University
Atlanta, GA

Joseph Sniezek, MD, FACS

Swedish Head & Neck Surgery / First Hill
Seattle, WA



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Disclosure Information

American Head and Neck Society

Thyroid, Parathyroid, and Neck Ultrasound Course, April 30, 2019

JW Marriott, Austin, TX

In accordance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. Therefore, it is mandatory that both the program planning committee and speakers complete disclosure forms. Members of the program committee were required to disclose **all** financial relationships and speakers were required to disclose any financial relationship **as it pertains to the content of the presentations**. The ACCME defines a 'commercial interest' as "any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients". It does not consider providers of clinical service directly to patients to be commercial interests. The ACCME considers "relevant" financial relationships as financial transactions (in any amount) that may create a conflict of interest and occur within the 12 months preceding the time that the individual is being asked to assume a role controlling content of the educational activity.

The ACCME also requires that ACS manage any reported conflict and eliminate the potential for bias during the session. The planning committee members and speakers were contacted and the conflicts listed below have been managed to our satisfaction. However, if you perceive a bias during a session, please advise us of the circumstances on the session evaluation form.

Please note we have advised the speakers that it is their responsibility to disclose at the start of their presentation if they will be describing the use of a device, product, or drug that is not FDA approved or the off-label use of an approved device, product, or drug or unapproved usage.

The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure, and to allow the audience to form its own judgments regarding the presentation.

SPEAKERS / MODERATORS/ CHAIRS / DISCUSSANTS	NOTHING TO DISCLOSE	DISCLOSURE (As it pertains to the content of the presentation)
William B. Armstrong, MD, FACS	X	
Kevin Brumund, MD, FACS	X	
Jagdish Dhingra, MD	X	
Arjun Joshi, MD, FACS	X	
Ryan Li, MD, FACS	X	
Nitin Pagedar, MD, FACS	X	
Marika Russel, MD, FACS	X	
Merry Sebelik, MD, FACS	X	
Russell B. Smith, MD, FACS	X	
Joseph Sniezek, MD, FACS	X	
PLANNING COMMITTEE	NOTHING TO DISCLOSE	DISCLOSURE (All commercial relationships)
Reid B. Adams, MD, FACS		Biuom'Up - Honorarium; World Journal of Surgery - Honorarium
Scott Dulchavsky, MD, FACS	X	
Paula Ferrada, MD, FACS	X	
Richard E. Fine, MD, FACS	X	
Darius S. Francescatti, MD, FACS		Kubtek Medical Imaging - Consultant fee
William R. Fry, MD, FACS	X	
Ellen Hagopian, MD, FACS	X	
Marcus D. Jarboe, MD, FACS	X	
Laura S. Johnson, MD, FACS	X	
Lawrence Kim, MD, FACS	X	
Andrew W. Kirkpatrick, MD, FACS		Acelity Corp. - Consultant fee/Travel support; Innovative Trauma Care Corp. - Consultant fee/Travel support; Cook Medical Corp.- Consultant fee/Travel support
Junji Machi, MD, FACS	X	
Barbra Miller, MD, FACS	X	
Lisa A. Orloff, MD, FACS	X	
Grace S. Rozycki, MD, FACS	X	
Stefan Scholz, MD, FACS	X	
Amy C. Sisley, MD, FACS	X	
R. Stephen Smith, MD, FACS	X	
Russell B. Smith, MD, FACS	X	
R. Eugene Zierler, MD, FACS	X	
Nick Zyromski, MD, FACS	X	