

# Overview & Objectives

The objective of this course is to introduce the practicing surgeon to office-based ultrasound examination of the thyroid and parathyroid glands and related pathology. The distinction between normal and malignant lymphadenopathy will be emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical levels I-VI. The process of ultrasound-guided fine needle aspiration (FNA) of thyroid nodules and enlarged lymph nodes will be demonstrated in didactic lecture format.



In addition, the hands-on skill sessions allow the surgeon to learn varied techniques of FNA of lesions in phantom models. Patient volunteers will participate in the skills sessions. Credentialing and coding issues will also be discussed.

An attendee completing this course should be able to:

- Perform office-based examination of the thyroid and parathyroid glands and related pathology
- Demonstrate comprehensive examination of cervical lymph node in levels I-VI
- Characterize differences between normal and malignant lymph nodes
- Demonstrate the process of ultrasound-guided FNA
- Demonstrate through a hands-on skill session the above skills in live and phantom models



## Prerequisite

The Thyroid, Parathyroid and Neck Ultrasound Skills-Oriented Course has a required prerequisite "The Ultrasound for Surgeons: A Basic Course, 3rd Edition" online course. Successful completion of the 3rd Edition online course (or an equivalent Basic Ultrasound course) is required prior to the course. Registrants may purchase the 3rd Edition online course directly from American College of Surgeons. The price of this course is \$350 for non ACS members, \$275 for ACS fellows and affiliate MD/DO members, and \$130 for ACS Associates and Resident Members.

See link below for information and to order the course.

<https://web4.facs.org/ebusiness/ProductCatalog/product.aspx?ID=655>

Additional information is available at [www.facs.org](http://www.facs.org) in the ACS Publications and Services Catalog or by contacting ACS Customer Service at (312) 202-5474.

## 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 meets the requirements for Self-Assessment.



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Accreditation Council for Continuing Medical Education

## Course Outline

### Saturday, February 17, 2018

- 1:15 Registration
- 1:45 Introduction
- 2:00 Principles and Physics of Ultrasonography
- 2:30 Scanning Techniques for Head and Neck Ultrasonography
- 2:50 Normal Head and Neck Ultrasound Anatomy
- 3:30 Live Demonstration
- 3:50 Break
- 4:05 Thyroid Ultrasonography
- 4:35 Parathyroid Ultrasonography
- 4:55 Interventional Head and Neck Ultrasound
- 5:25 Neck Ultrasound
- 6:00 Adjourn

### Sunday, February 18, 2018

- 1:45 Introduction
- 1:50 Integrating Office-Based Ultrasonography into Practice
- 2:10 Hands-On Skills Station Modules
- 5:45 Submit Skills Station Report Cards and Evaluations
- 6:00 Adjourn

## Registration

To register, please go to the following link:  
[www.bit.ly/ucioto2018reg](http://www.bit.ly/ucioto2018reg)

Fees\*

\*Fees set by the American College of Surgeons

ACS member	\$1,425	Resident ACS member	\$710
ACS non-member	\$1,640	Resident ACS non-member	\$815

Faculty to receive a **\$400 discount** when registering for both the Main course, ACS Ultrasound course and lodge at the hotel venue.



### Disney's Grand Californian Hotel® & Spa

1600 Disneyland Dr, Anaheim, CA 92802  
<https://disneyland.disney.go.com/hotels/grand-californian-hotel/>

For hotel reservations:  
Book online at [www.bit.ly/uci2018](http://www.bit.ly/uci2018)  
or Call 714-520-5005

reference - UC Irvine 2018 Otolaryngology-group code of GCUB18A



UCIRVINE UNIVERSITY  
of CALIFORNIA  
OTOLARYNGOLOGY - HEAD & NECK SURGERY

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Online information, airfare, travel at:

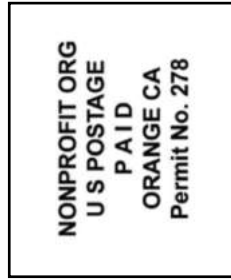
[www.ent.uci.edu](http://www.ent.uci.edu)

# General Information

On site registration is NOT allowed for this conference. Registration is limited. Registration deadline is February 1, 2018.

All registered participants must complete the online prerequisite course, "Ultrasound for Surgeons: The Basic Course, third edition". Certificate of completion will be granted by the ACS following completion of both the basic online course, and the skills oriented course.

This ultrasound course is offered in conjunction with the CME "2018 UC Irvine Otolaryngology Updates Course", February 17- 19, 2018 at the Disney's Grand Californian Hotel® & Spa.



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## Course Faculty

**William B. Armstrong, M.D., FACS**  
*Professor & Chairman Otolaryngology -  
Head & Neck Surgery  
University of California, Irvine*

**Kevin T. Brumund, M.D., FACS**  
*Associate Professor of Surgery Otolaryngology  
- Head & Neck Surgery  
Head and Neck Surgical Oncology  
University of California, San Diego; Moores Cancer Center*

**Michael R. Holtel, M.D., FACS**  
*Sharp Rees Stealy Medical Group San Diego, CA*

**Russell B. Smith, M.D., FACS**  
*Head and Neck Surgery  
Baptist MD Anderson Cancer Center  
Jacksonville, FL*

**Charles Tesar, M.D.**  
*Sharp Rees Stealy Medical Group San Diego, CA*

**Tjason Tjoa, M.D.**  
*Assistant Clinical Professor Otolaryngology -  
Head & Neck Surgery  
University of California, Irvine*

**Robert A. Weisman, M.D., FACS**  
*Professor of Surgery, Head and Neck Division  
Head and Neck Surgical Oncology  
Moores-UCSD Cancer Center*

Irvine Head and Neck Research Foundation



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## American College of Surgeons Thyroid, Parathyroid and Neck Ultrasound Skills-Oriented Course

Saturday February 17, 2018 1:45-6:00 PM  
Sunday February 18, 2018 1:45-6:00 PM

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Anaheim, CA