



Office of Continuing Medical Education  
 Johns Hopkins University School of Medicine  
 Turner 20, 720 Rutland Avenue  
 Baltimore, Maryland 21205-2195

Non-Profit Org.  
 U.S. Postage  
 PAID  
 Baltimore, MD  
 Permit No. 5839

**Third Annual  
 Percutaneous  
 Tracheostomy  
 and  
 Advanced Airway  
 Cadaver Course**

**DATED MATERIAL**



**FRIDAY, SEPTEMBER 18, 2015**  
 Baltimore, Maryland

**CONTINUING MEDICAL EDUCATION**

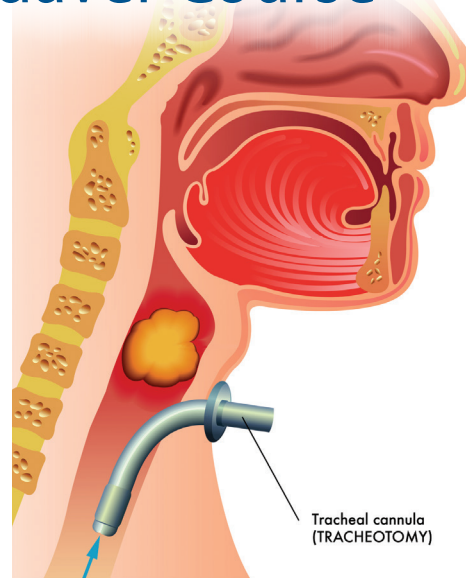
**Johns Hopkins University School of Medicine  
 Division of Pulmonary and Critical Care Medicine**

*presents*

**Third Annual  
 Percutaneous  
 Tracheostomy**

*and*

**Advanced Airway  
 Cadaver Course**



**FRIDAY, SEPTEMBER 18, 2015**

Minimally Invasive Surgical Training Center (MISTC Lab)  
 The Johns Hopkins Hospital  
 Baltimore, Maryland

This activity has been approved for *AMA PRA Category 1 Credits™*.



*We help the world breathe®*  
 PULMONARY • CRITICAL CARE • SLEEP

*This course has been endorsed by  
 the American Thoracic Society.*



**JOHNS HOPKINS  
 MEDICINE**

## Description

Multiple disciplines in medicine participate in the care of patients with airway difficulty. This range includes surgeons, intensivists, emergency medicine, and respiratory therapists, and administrators. As new technology and techniques develop there is often a lag in disseminating these skills and deficit in knowledge.

This course will address very specific skill sets that will help clinicians improve management of their patients' care by offering simulation airway training which is associated with better outcomes.

Percutaneous procedures are a new option for patients to have minimally invasive procedures. Bronchoscopically guided percutaneous tracheostomy offers a bedside procedure for critically ill patients which eliminates the need for transport to an operating room, which is associated with a higher morbidity and mortality. In addition, there is a cost saving and more accurate technique to reduce complications such as delayed intubations and when compared to current methods for intubation.

Direct laryngoscopy performed using traditional Macintosh and Miller blades is currently the standard of care for performing tracheal intubation. Video laryngoscopes (VLs) have been shown to improve glottis exposure and increase first-attempt success rates for Tracheal intubation in both elective operating room and simulation-based settings when compared with the direct laryngoscope. Emergency airway management in critically ill patients outside the controlled setting of the Operating Room is associated with a higher incidence of difficult intubations, ranging anywhere from 10% to 22%, and also with increased risk of respiratory and emodynamic complications, including death. Video laryngoscopy has recently been shown to improve glottic views and intubation success rates in pulmonary/critical care practitioners specifically in patients with known difficult airway predictors. Currently, at Johns Hopkins pulmonary/ critical care trainees and practitioners do not receive training in VL. This is also true at many training centers due to a new technology which has not disseminated these skills. This course will allow for didactic learning and hands-on training with this new technology.

## Who Should Attend

This activity is intended for pulmonary, critical care, and emergency medicine physicians, respiratory therapists, nurses and administrators, nurse practitioners, and physician assistants.

## Objectives

After attending this activity, the participant will demonstrate the ability to:

- Implement proper patient selection for percutaneous tracheostomy.
- Recognize a potential difficult airway.
- Perform percutaneous tracheostomy and identify issues with the management of difficult airways.

## ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## OTHER CREDITS

### American Academy of Nurse Practitioners National Certification Program

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

### American Academy of Physician Assistants

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME. Physician assistants may receive a maximum of 7.5 AAPA Category 1 CME credits for completing this program.

## General Information

### REGISTRATION

Friday, September 18, 2015 • 7:30 – 8:00 a.m.

### LOCATION

#### Minimally Invasive Surgical Training Center (MISTC Lab)

The Johns Hopkins Hospital  
1800 Orleans Street  
Blalock Building, 12th Floor  
Baltimore, MD 21287

General parking and handicapped parking are available in the Orleans Street Garage. Directions and campus parking information are available on our website under the contact and travel section at [www.HopkinsCME.edu](http://www.HopkinsCME.edu). A complimentary shuttle for attendees staying at conference headquarters hotel is available. Johns Hopkins is smoke-free. **Johns Hopkins is smoke-free.**

### FEES

#### REGISTRATION CUT-OFF DATE: September 11, 2015

**Methods of Payment:** Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfast, refreshment break and lunch.

Physicians .....	\$950
Residents*/Fellows*/Nurses/Nurse Practitioners/ Physician Assistants/Allied Health Professionals .....	\$600
*with verification of status	
Optional Printed Syllabus (B/W) .....	\$45

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by September 11, 2015,

**American Nurses Credentialing Center (Reciprocity)**  
American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

### Contact Hours for Non-Physicians

The Johns Hopkins University has approved this activity for 7.5 contact hours for non-physicians.

## POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

call (410) 502-9634 to confirm that you are registered. A certificate of attendance will be sent by November 2, 2015 to the e-mail address you provide on the registration form.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

## LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. ET on September 11, 2015. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by September 11, 2015. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

## SYLLABUS

All registrants will receive a flash drive with the slides and paper for note-taking. This is included in the cost of your registration. A link to the syllabus will be provided via email shortly before the activity begins if you prefer to study or print the syllabus. A printed copy may be ordered at the time of registration for an additional fee of \$25. The printed copy will be provided during activity registration. Cancellations or refunds for the printed copy will not be permitted.

## Program

### Morning Session

7:30 - 8:00	Registration and Continental Breakfast
8:00 - 8:15	<b>Anatomy of the Airway</b> Ashutosh Sachdeva, MBBS
8:15 - 8:45	<b>Cricothyroidotomy</b> Simon Best, MD
8:45 - 9:15	<b>Evaluation/ Management of the Difficult Airway</b> Christina Miller, MD
9:15 - 9:30	Refreshment Break
9:30 - 10:00	<b>Bronchoscopic Intubation (Rigid/ Flexible)</b> Samira Shojae, MD
10:00 - 10:30	<b>Percutaneous Tracheostomy</b> David Feller-Kopman, MD, FCCP
10:30 - 11:00	<b>Post Tracheostomy Management</b> Vinciya Pandian, PhD, MSN, RN, ACNP-BC
11:00 - 11:30	<b>Management Tracheostomy Complications</b> Nasir Bhatti, MBBS
11:30 - 12:00	<b>Coding and Billing</b> Jason Akulian, MD, MPH
12:00 - 12:45	Lunch

### Afternoon Session

12:45 - 4:30

#### Cadaver Hands-On

Jason Akulian, MD, MPH, David Feller-Kopman, MD, FCCP, Hans Lee, MD, Vinciya Pandian, PhD, MSN, RN, ACNP-BC, Ashutosh Sachdeva, MBBS, Roy Semaan, MD, Samira Shojae, MD, Lonny Yarmus, DO, FCCP

4:30

Adjourn

Please complete and return the Evaluation and Credit Report Forms. The Registration Desk will remain open during conference hours.

*The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.*

*This schedule is subject to change.*

### TO REGISTER or FOR FURTHER INFORMATION

Register Online (*credit card and eCheck*)

[www.HopkinsCME.edu](http://www.HopkinsCME.edu)

Register by Phone (*credit card only*)

(410) 502-9634

Register by Fax

(866) 510-7088

Confirmation/Certificates

(410) 502-9634

General Information

(410) 955-2959

E-mail the Office of CME

[cmenet@jhmi.edu](mailto:cmenet@jhmi.edu)

Follow us on Twitter: <http://twitter.com/HopkinsCME>

Facebook: <http://www.facebook.com/HopkinsCME>

Sponsoring Division Website: <http://www.hopkinsmedicine.org/pulmonary/clinics/interventional.html>

For general information, the direct link for this CME activity web page is:  
<http://www.hopkinscme.edu/CourseDetail.aspx/80037004>.

## General Information *Continued*

### HOTEL AND TRAVEL INFORMATION

Inn at the Colonnade Baltimore,

A Doubletree by Hilton Hotel (800) 222-8733

4 West University Parkway (410) 235-5400

Baltimore, Maryland 21218-2387 FAX: (410) 235-5572

Web Site: [www.colonnadebaltimore.com](http://www.colonnadebaltimore.com)

HOTEL RESERVATION CUT-OFF DATE: August 18, 2015

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Inn at the Colonnade is an elegant, European-style, full-service hotel featuring a fitness center, indoor pool, salon and the Alizée Boutique Bistro restaurant. The hotel is adjacent to Johns Hopkins University Homewood Campus, with complimentary shuttle service to the Inner Harbor. Make your reservation online at <http://tinyurl.com/navrho> using group code PTA or call the hotel directly and specify that you are attending the Johns Hopkins Third Annual Percutaneous Tracheostomy and Advanced Airway Cadaver course to receive the special group rate of \$259, single or double, plus tax. Failure to cancel a guaranteed reservation by 3:00pm the day prior to arrival or failure to occupy the

room will result in a charge of one night's room and tax. On-site parking is available at an additional charge. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

### EVALUATION

A form will be available to attendees to evaluate each session and each speaker's presentation, as well as to identify future educational needs.

### OUTCOMES SURVEY

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the attendee's practice.

### EMERGENCY CALLS

On September 18, 2015, direct emergency calls to (443) 287-2334 and ask that a message be sent to the Johns Hopkins registration desk. Messages will be posted for participants.

### AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

### ACKNOWLEDGEMENT

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

**Please note:** The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

## Activity Director

### Hans Lee, MD

Assistant Professor of Medicine  
Fellowship Director, Interventional Pulmonology  
Division of Pulmonary and Critical Care Medicine

## Johns Hopkins Speakers

### Simon Best, MD

Assistant Professor of Otolaryngology-Head and Neck Surgery

### Nasir Bhatti, MBBS

Associate Professor of Otolaryngology-Head and Neck Surgery,  
and Anesthesiology and Critical Care Medicine

### David Feller-Kopman, MD, FCCP

Associate Professor of Medicine and of Otolaryngology-Head and Neck Surgery  
Director, Interventional Pulmonology  
Division of Pulmonary and Critical Care Medicine

### Christina Miller, MD

Assistant Professor of and Critical Care Medicine

### Vinciya Pandian, PhD, MSN, RN, ACNP-BC

Assistant Professor of Neuroanesthesia  
Nursing Director, Percutaneous Tracheostomy Program

### Roy Semaan, MD

Clinical Fellow  
Division of Pulmonary and Critical Care Medicine

### Lonny Yarmus, DO, FCCP

Assistant Professor of Medicine  
Clinical Chief, Division of Pulmonary and Critical Care Medicine

## Guest Speaker

### Jason Akulian, MD, MPH

Assistant Professor of Medicine  
Director, Interventional Pulmonology  
Division of Pulmonary and Critical Care Medicine  
University of North Carolina School of Medicine  
Chapel Hill, North Carolina

### Ashutosh Sachdeva, MBBS

Assistant Professor of Medicine  
Director, Interventional Pulmonary  
University of Maryland School of Medicine  
Baltimore, Maryland

### Samira Shojaee, MD

Assistant Professor of Medicine  
Interventional Pulmonology  
Virginia Commonwealth University  
Richmond, Virginia

## Registration Form

Course Number 80037004

### Third Annual Percutaneous Tracheostomy and Advanced Airway Cadaver Course

Friday, September 18, 2015

**To Register: Online** (credit card and eCheck): [www.HopkinsCME.edu](http://www.HopkinsCME.edu)

**By fax:** (866) 510-7088 **By phone** (credit card only): (410) 502-9634

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128. Include check payable to **HOPKINS/80037004**, or include credit card information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.

I am a Johns Hopkins speaker for this activity.

Please type or print clearly:

last name		first name	m.i.	
highest degree	primary specialty		Hopkins faculty/staff only JHED ID	
For Physicians Only:	NPI – 10 digits	State License #	State of License	
mailing address				
city		state	ZIP	country
daytime telephone		fax number		
e-mail				

You will receive a confirmation notice and your attendance certificate by e-mail if you provide your e-mail address.

Check here if you wish to receive e-mail notices about upcoming CME activities.

I plan to stay at the Inn at the Colonnade in Baltimore, Maryland.

What do you hope to learn by attending this activity? \_\_\_\_\_

Please notify us if you have any special needs. \_\_\_\_\_

### Registration Fees:

Physicians..... \$950

Residents\*/Fellows\*/Nurses/Nurse Practitioners/Physician Assistants/  
Allied Health Professionals .....\$600  
\*with verification of status

Optional Printed Syllabus (B/W) ..... \$45

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on September 11, 2015, include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount enclosed \$ \_\_\_\_\_

### Payment Type:

**JHU Faculty/Staff Only:** If you are using your Tuition Remission Benefit or an ION budget, please complete this registration form and return with appropriate payment processing form to OCME, Turner 20.

Forms can be found on-line at <http://www.hopkinscme.edu/Resources/resources.aspx>.

**Check** (See instructions on top of form.)

**Credit Card:**  VISA  MASTERCARD  DISCOVER  AMEX

Card # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp. Date \_\_\_\_\_

Name on Card

Signature and Date