

32ND ANNUAL
**UPDATE IN
PULMONARY & CRITICAL CARE MEDICINE**



FEATURING OPTIONAL

HANDS-ON TRAINING, INTERACTIVE SESSIONS

Including mechanical ventilation trouble-shooting, endotracheal intubation, ultrasound-guided thoracentesis, chest tube placement, venous catheter placement, and more!

NOVEMBER 1-2, 2019
THE INN AT ST. JOHN'S, PLYMOUTH, MI

michmed.org/intmedcme



This course is sponsored by Grand Hotel

COURSE OBJECTIVES

At the conclusion of this seminar, participants will be able to:

- understand implications of e-cigarette use.
- improve long-term management of patients with alpha-1 antitrypsin deficiency.
- describe recent advances in the field of sleep medicine.
- thoroughly evaluate perioperative risks for patients with underlying pulmonary disease.
- identify indications for non-invasive ventilation for chronic respiratory failure.
- understand appropriate referral timing for lung transplant evaluation.
- grasp new management options for patients with primary pulmonary hypertension.
- understand complex multidisciplinary decision-making in management of pulmonary embolism.
- identify new research and therapeutic strategies in sarcoidosis.
- explain advances in IPF diagnosis and management.
- practice up to date chronic cough management.
- identify the newest diagnostic and therapeutic possibilities of interventional bronchoscopy.
- improve cost-effectiveness in ICU care.
- understand recent advancements in knowledge of ICU delirium.
- recognize implications of persistent critical illness.
- utilize strategies to de-escalate antibiotics in the ICU.
- manage severe ARDS cases.
- evaluate and manage acute liver failure.

TARGET AUDIENCE

This course will benefit hospitalists and general internists, family physicians, pulmonologists, intensivists, physicians-in-training, and allied health professionals who care for patients with pulmonary diseases. Health providers who venture into the critical care setting will find this course increases their clinical acumen in these domains.

ACCREDITATION

The University of Michigan Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The University of Michigan Medical School designates this live activity for a maximum of 14.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity is also recognized by the American Osteopathic Association for AOA Category 2 credits, the Michigan Board of Nursing for CE credits, the American Academy of Physician Assistants, and the American Association of Nurse Practitioners.

ABIM MOC POINTS

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 14.5 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

FRIDAY, NOVEMBER 1, 2019

- 7:00 am Registration & Continental Breakfast
- 7:55 Welcome and Announcements
Elizabeth Belloli, MD
- 8:00 **E-cigarettes: The Good, The Bad, and The Ugly**
Douglas Arenberg, MD
- 8:30 **Update in COPD**
Wassim Labaki, MD
- 9:00 **Update in Sleep Medicine 2019**
Helena Schotland, MD
- 9:30 Questions & Answers
- 9:45 Break
- 10:00 **Pre-Operative Pulmonary Evaluation**
David Wheeler, MD
- 10:30 **Update in Chronic Respiratory Failure and Non-Invasive Ventilation**
Philip Choi, MD
- 11:00 **Improving Value in Our Role as Intensivists**
Andrew Admon, MD, MPH
- 11:30 Questions & Answers
- 11:45 Lunch
- 12:45 pm **Update in Delirium**
Benjamin Singer, MD, PhD
- 1:15 **Persistent Critical Illness**
Elizabeth Viglianti, MD
- 1:45 **Antibiotics in the ICU: For How Long?**
Hallie Prescott, MD, MSc
- 2:15 Questions & Answers
- 2:30 Break
- 2:45 **The hARDeSt ARDS Cases: A Panel Discussion**
Jakob McSparron, MD; Robert Hyzy, MD; Pauline Park, MD; Hallie Prescott, MD; MSc Thomas Valley, MD, MSc
- 3:45 **Update in Acute Liver Failure**
Robert Fontana, MD
- 4:15 Questions & Answers
- 4:30 Session Adjourns

SATURDAY, NOVEMBER 2, 2019

- 7:00 am Registration & Continental Breakfast
- 7:55 Welcome and Announcements
Jakob McSparron, MD
- 8:00 **Update in Pulmonary Hypertension**
Michael Mendez, MD
- 8:30 **CTEPH: A Common Uncommon Case of Unexplained Dyspnea**
Vikas Aggarwal, MBBS, MPH
- 9:00 **Management of Acute Pulmonary Embolism: A Panel Discussion**
Geoffrey Barnes, MD, MSc; Ivan Co, MD; Scott Denstaedt, MD; Sarah Hanigan, PharmD; Xhorlina, Marko, MD
- 10:00 Questions & Answers
- 10:15 Break
- 10:30 **Update in Sarcoidosis**
Eric S. White, MD, MS
- 11:00 **Lung Transplantation: Eligibility and Outcomes 2019**
Kevin Chan, MD
- 11:30 **Update in Chronic Cough**
Dru Claar, MD
- 12:00 **Update in Interventional Bronchoscopy**
Jose Cardenas-Garcia, MD
- 12:30 Questions & Answers
- 12:45 pm Course Adjourns

OPTIONAL HANDS-ON SESSION

(see details on next page)

- 12:45 pm Boxed lunch
- 1:10 Introduction
- 1:15 **Station 1**
- 2:00 **Station 2**
- 2:45 **Station 3**
- 3:30 **Station 4**
- 4:15 Session Adjourns

OPTIONAL

HANDS-ON TRAINING SESSIONS

On Saturday, November 2, 2019, we are offering an additional exciting opportunity for attendees to improve procedural skills in a number of domains. Participants will rotate through four separate hands-on stations led by expert faculty as outlined below.

This portion of the program is optional, has limited availability, and does come with an additional fee of \$250. Boxed lunch will be included for participants that choose to spend the afternoon with us for this wonderful experience.

12:45 pm	Boxed lunch
1:10	Introduction
1:15	STATION 1: BASIC BRONCHOSCOPY <i>Elizabeth Belloli, MD and Jose Cardenas-Garcia, MD</i> Review basic bronchoscope maneuvers, airway anatomy, and techniques for airway inspection, clearance, and lavage.
2:00	STATION 2: VENTILATOR TIPS AND TRICKS <i>Ric Eakin, RN, RRT-ACCS, Carl Haas, RRT and Jakob McSparron, MD</i> Review basic ventilator modes, alarm management, measurement of respiratory system mechanics at the bedside.
2:45	STATION 3: ULTRASOUND GUIDED PLEURAL AND VASCULAR PROCEDURES <i>Dru Claar, MD and Rommel Sagana, MD</i> Practice hands-on ultrasound-guided thoracentesis, small bore chest tube placement, and central venous catheter placement using high fidelity mannequins.
3:30	STATION 4: AIRWAY MANAGEMENT <i>Ivan Co, MD and Michael Mendez, MD</i> Review upper airway anatomy and practice bag valve mask ventilation, supraglottic device placement, and basic endotracheal intubation technique using high fidelity mannequins.
4:15	Session adjourns

UPCOMING CME COURSES

Update on Arrhythmias and Syncope

Saturday, June 8, 2019
The Inn at St. John's, Plymouth, MI

37th Annual Internal Medicine Update

Friday-Sunday, July 26-28, 2019
Grand Hotel, Mackinac Island, MI

32nd Annual Cardiology Update

Friday-Sunday, August 16-18, 2019
Grand Hotel, Mackinac Island, MI

Home Mechanical Ventilation: A Multidisciplinary Approach

Friday, September 13, 2019
The Inn at St. John's, Plymouth, MI

Update in Rheumatic Diseases

Saturday, September 14, 2019
The Kensington Hotel, Ann Arbor, MI

Clinical Issues in the Care of Older Adults

Thursday, September 19, 2019
The Kensington Hotel, Ann Arbor, MI

Gastroenterology Update: A Case-Based Approach to Common GI Problems

Friday - Saturday, October 18-19, 2019
The Inn at St. John's, Plymouth, MI

22nd Annual Liver Disease Wrap-Up

Saturday, December 7, 2019
The Inn at St. John's, Plymouth, MI

For more information and to register, visit:

michmed.org/intmedcme

PLANNING COMMITTEE

Elizabeth Belloli, MD

Course Co-Director
Assistant Professor,
Division of Pulmonary &
Critical Care Medicine

Jakob McSparron, MD

Course Co-Director
Assistant Professor,
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MICHIGAN MEDICINE PROGRAM FACULTY

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Kevin Chan, MD

Professor,
Division of Pulmonary &
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Philip Choi, MD

Assistant Professor,
Division of Pulmonary &
Critical Care Medicine

Dru Claar, MD

Assistant Professor,
Division of Pulmonary &
Critical Care Medicine

Ivan Co, MD

Assistant Professor,
Division of Pulmonary &
Critical Care Medicine and
Department of
Emergency Medicine

Scott Denstaedt, MD

Clinical Lecturer,
Division of Pulmonary &
Critical Care Medicine

Ric Eakin, RN, RRT-ACCS

Clinical Specialist CCMU,
UH Respiratory Care

Robert Fontana, MD

Professor,
Division of Gastroenterology &
Hepatology

Carl Haas, RRT

Respiratory Therapist,
Division of Pulmonary &
Critical Care Medicine

Sarah Hanigan, PharmD

Clinical Pharmacist, Adjunct
Clinical Assistant Professor
Department of Pharmacy

Robert Hyzy, MD

Professor,
Division of Pulmonary &
Critical Care Medicine

Wassim Labaki, MD

Clinical Lecturer,
Division of Pulmonary &
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Xhorlina Marko, MD

Clinical Lecturer,
Department of Radiology

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Pauline Park, MD

Associate Professor,
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Hallie Prescott, MD, MSc

Assistant Professor,
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Rommel Sagana, MD

Associate Professor,
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Helena Schotland, MD

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Associate Professor,
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David Wheeler, MD

Clinical Lecturer*,
Division of Pulmonary &
Critical Care Medicine

Eric S. White, MD, MS

Professor,
Division of Pulmonary &
Critical Care Medicine

*Appointment July 1, 2019

DATE

Friday - Saturday, November 1-2, 2019

LOCATION

The Inn at St. John's
44045 Five Mile Rd., Plymouth, MI 48170
Phone: (734) 414-0600 Fax: (734) 414-0606
www.stjohnsgolfconference.com

REGISTER AND PAY ONLINE

You can register online at michmed.org/intmedcme. You are encouraged to register as soon as you are certain of attending. The registration rate includes continental breakfast, coffee service, lunch on Friday, and electronic syllabus for participants. Registration for the Saturday afternoon hands-on sessions is on a first come, first served basis. Space is limited. You must be registered for the conference to attend the hands-on sessions. On-site course registration will be available for at a higher rate.

Visit michmed.org/intmedcme to register!

	Physician	Physician-in- Training, Retired Physician, RN & Allied Health	MI Medicine Faculty & Staff
Full Course	\$500 / *\$550	\$400 / *\$450	\$150
One Day - Friday only	\$350 / *\$400	\$250 / *\$300	\$100
One Day - Saturday	\$250 / *\$300	\$180 / *\$230	\$75
Hands-On- Session	\$250 / *\$350	\$200 / *\$300	\$200
Printed Syllabus	\$20	\$20	\$20

***On-Site Registration Rate** - a printed syllabus is not guaranteed for those who are not pre-registered.

CONFIRMATION

Conference registrations will be confirmed by email. If you do not receive confirmation, or if the information is in question, contact the Department of Internal Medicine CME Office at (734) 232-3469 or intmedcme@umich.edu.

CANCELLATION POLICY

An administrative fee of \$50 will be deducted from your registration payment. Refund requests must be received in writing, no later than Friday, October 19, 2019. No refunds will be made thereafter.

COURSE SYLLABUS

An electronic syllabus will be available to download during and a week after the course. The URL will be provided at the course. In addition, a printed syllabus can be purchased for an additional fee. The printed syllabus must be purchased no later than Friday, October 19, 2019.

LODGING

A block of rooms has been reserved at the course location, The Inn at St. John's, at a special rate of \$159 for single or double occupancy. When making your hotel reservation, mention you are attending the Michigan Medicine Pulmonary Update course. *The reservation deadline is Wednesday, October 16, 2019.*

Reservations:

The Inn at St. John's
By phone: (734) 414-0600
Online: www.stjohnsgolfconference.com

CONTACT US

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