31ST ANNUAL
UPDATE IN PULMONARY &
CRITICAL CARE MEDICINE

OCTOBER 26-27, 2018
THE INN AT ST. JOHN’S, PLYMOUTH, MI

The Pulmonary Update is sponsored by Grand Hotel and Audio Digest Foundation
COURSE OBJECTIVES
At the conclusion of this seminar, participants will be able to:

• evaluate and better manage complex asthma patients.
• understand new therapeutic strategies in caring for patients with chronic obstructive pulmonary disease.
• evaluate and refer appropriate patients for lung volume reduction surgery.
• identify and treat patients with interstitial lung disease associated with connective tissue diseases.
• analyze radiographic data in the diagnosis of interstitial lung diseases.
• identify and address difficulties patients face following prolonged intensive care admissions.
• use new clinical tools to differentiate shock syndromes.
• evaluate and manage hemorrhagic shock.
• manage cardiogenic shock in the medical ICU.
• expertly care for patients with distributive shock.
• describe recent advances in Cystic Fibrosis care.
• grasp new strategies for diagnosis and management of sleep-related breathing disorders.
• understand the roles of the pulmonary microbiome in pulmonary health and disease.
• explain how to diagnose and manage pulmonary mycobacterial disease.
• recognize congenital pulmonary diseases in an adult pulmonary population.
• review a diagnostic algorithm for a patient presenting with bronchiolitis.
• understand nuances of pathologic findings in pulmonary disease.

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 (ACCME) for Continuing Medical Education to provide continuing medical education for physicians. The University of Michigan Medical School designates this live activity for a maximum of 10.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Applications have been submitted to the American Osteopathic Association and the American Academy of Family Physicians for credits. Determination of credit is pending. Other credits by specialty may apply.

UPCOMING CME COURSES

21st Annual Liver Disease Wrap-Up
Saturday, December 8, 2018
The Inn at St. John’s, Plymouth, MI

2019 - SAVE THE DATE!
Health Delivery and Technology in Today’s Diabetes Care
Saturday, April 6, 2019
The Inn at St. John’s, Plymouth, Michigan

Updates in Nephrology for the Primary Care Provider
Saturday, May 11, 2019
The Inn at St. John’s, Plymouth, Michigan

7th Annual Internal Medicine Spring Review
Friday - Saturday, May 17-18, 2019
The Inn at St. John’s, Plymouth, Michigan

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

For more information and to register visit: medicine.umich.edu/intmed/cme
Friday, October 26, 2018

7:00 am  Registration & Continental Breakfast
7:50  Welcome and Announcements
Elizabeth Belloli, MD

8:00  Update in Asthma
Njira Lugogo, MD

8:30  Update in COPD
MeiLan Han, MD, MS

9:00  Advanced Therapies for Severe COPD
Catherine Meldrum, RN, PhD

9:30  Questions & Answers

9:45  Break

10:00  Update in Interstitial Lung Disease Radiology
Ella Kazerooni, MD, MS

10:30  Update in Connective Tissue Disease-Associated Interstitial Lung Disease
Elizabeth Belloli, MD

11:00  Update in Idiopathic Pulmonary Fibrosis
Kevin Flaherty, MD

11:30  Questions & Answers

11:45  Lunch

12:45 pm  Post-ICU Follow-up: When, Why, How?
Jakob McSparron, MD

1:15  Update in Palliative Care in the ICU
Philip Choi, MD

1:45  How to Tell When The Tank is Full:
An Update on Volume Responsiveness in the ICU
Dru Claar, MD

2:15  Questions & Answers

2:30  Break

2:45  Management of Hemorrhagic Shock
Michael Sjoding, MD

3:15  Management of Cardiogenic Shock
Matthew Konerman, MD

3:45  Goals, Fluids, Steroids: What Do We Actually Know About Managing Distributive Shock?
Thomas Valley, MD, MSc

4:15  Questions & Answers

4:30  Session Adjourns

Saturday, October 27, 2018

7:00 am  Registration & Continental Breakfast
7:50  Welcome and Announcements
Jakob McSparron, MD

8:00  Update in Sleep Medicine
Helena Schotland, MD

8:30  Update in Cystic Fibrosis
Shijing Jia, MD

9:00  Update in the Pulmonary Microbiome
Robert Dickson, MD

9:30  Questions & Answers

9:45  Breakfast

10:00  Update in Bronchiolitis
John Osterholzer, MD

10:30  Update in Interventional Pulmonology
Jose Cardenas-Garcia, MD

11:00  Pulmonary Pathology Conundrums
Kristine Konopka, MD

12:00  Update in Congenital Pulmonary Diseases
Marc Hershenson, MD

12:30  Questions & Answers

12:45 pm  Course Adjourns
The Division of Pulmonary and Critical Care Medicine (PCCM) is committed to caring for critically ill patients and patients with lung disease. This requires not only that we provide the best possible care, but that we convey these skills to trainees, and that we develop novel approaches to understanding and managing these diseases through basic science and clinical and outcomes research. Our mission is to deliver excellent patient care, to develop new knowledge about the lung in health and disease, and to train individuals to be outstanding clinicians and researchers.

The clinical focus of our division is respiratory disorders (diseases such as asthma, emphysema, lung infections, pulmonary fibrosis, and lung cancer; and symptoms such as shortness of breath and cough) and critical illness (conditions such as sepsis, respiratory failure, and multiple organ failure). We are proud to be recognized around the world for our excellence in all of these realms. Clinicians within the division deliver care at Michigan Medicine, the VA Ann Arbor Medical Center, and at several outpatient clinics throughout Southeast Michigan.

We are proud to have been recognized by U.S. News and World Report as the #1 pulmonary team in the state of Michigan, and #6 in the nation.
Date
Friday - Saturday, October 26-27, 2018

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

Registration
You are encouraged to register as soon as you are certain of attending, as we cannot guarantee educational materials for applicants who are not preregistered and prepaid by Friday, October 12, 2018. Payment must be received at time of registration. Checks should be made payable to the University of Michigan in U.S. Currency. Payments by American Express, Discover, MasterCard or Visa are also accepted. The registration fee includes continental breakfast, lunch on Friday, coffee service, and electronic course materials for participants.

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 12, 2018. 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 12, 2018.

 Lodging
A block of rooms has been reserved at the course location, The Inn at St. John’s, at a special rate of $149 single or double occupancy. When making your hotel reservation, mention you are attending the Michigan Medicine Pulmonary Update course.
The reservation deadline is Thursday, October 4, 2018.
Reservations:
The Inn at St. John’s
By phone: (734) 414-0600
Online: www.stjohnsgolfconference.com

Driving Directions
From the East:
Follow I-96 until it turns into M-14. Follow M-14 west to Sheldon Road exit. Turn right onto Sheldon Road. Follow Sheldon Road for about half a mile. Turn right onto Five Mile Road. Entrance to The Inn at St. John’s is on the right.
From the West:
Follow M-14 east to Sheldon Road exit. Turn right onto Sheldon Road. Follow Sheldon Road for about half a mile. Turn right onto Five Mile Road. Entrance to The Inn at St. John’s is on the right.
From the South:
Take I-275 north to M-14. Exit onto M-14 west toward Ann Arbor. Follow M-14 west to Sheldon Road exit. Turn right onto Sheldon Road. Follow Sheldon Road for about half a mile. Turn right onto Five Mile Road. Entrance to The Inn at St. John’s is on the right.
From the North:
Take I-275 south to M-14. Exit onto M-14 west toward Ann Arbor. Follow M-14 west to Sheldon Road exit. Turn right onto Sheldon Road. Follow Sheldon Road for about half a mile. Turn right onto Five Mile Road. Entrance to The Inn at St. John’s is on the right.

Contact Us
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Department of Internal Medicine, Continuing Medical Education
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Ann Arbor, MI 48106
P: (734) 232-3469
F: (734) 998-0085
Email: intmedcme@umich.edu
medicine.umich.edu/dept/intmed

M-LINE
M-LINE is a toll-free number for referring physicians and their staff seeking access to clinical services and faculty at the Health System. M-LINE physician representatives work closely with personnel across the Health System to provide efficient, personalized service and will stay on the line with your call until your request is met to your satisfaction.

One number, 24 hours a day, 7 days a week, providing:
• Physician-to-physician consultation
• Appointment scheduling
• Hospital-to-hospital transfer request
• Inpatient status update
• Laboratory, test, and procedure results

M-LINE (800) 962-3555
**COURSE REGISTRATION FORM**

31st Annual Update in Pulmonary & Critical Care Medicine
October 26-27, 2018

**Mail:** Michigan Medicine / Department of Internal Medicine CME
24 Frank Lloyd Wright Dr. / Lobby J, Suite 1200 / Ann Arbor, MI 48106-5750

**Online:** medicine.umich.edu/intmed - click on the CME Course Calendar button on the left

**Fax:** (734) 998-0085

If purchasing a printed syllabus, please register by Friday, September 14, 2018

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**CONTACT INFORMATION**

**REGISTRANT NAME** (as you would like it to appear on your name tag)

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**DEGREE(S):**
- [ ] MD
- [ ] DO
- [ ] PhD
- [ ] PA
- [ ] NP
- [ ] RN
- [ ] Other:

**SPECIALTY:**

**PREFERRED MAILING ADDRESS**

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**ADDRESS**

**CITY**

**STATE**

**ZIP CODE**

**COUNTRY**

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**CONTACT PHONE NUMBER(S):**

- [ ] CELL / HOME
- [ ] WORK

**EMAIL ADDRESS** (please print clearly)

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**SPECIAL ACCOMMODATIONS**

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**COURSE OPTIONS & PAYMENT**

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<thead>
<tr>
<th>COURSE OPTIONS</th>
<th>Physician</th>
<th>Physician-in-Training, Retired Physician, RN &amp; Allied Health</th>
<th>U-M Faculty &amp; Staff</th>
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<tbody>
<tr>
<td>Full Course</td>
<td>$470</td>
<td>$370</td>
<td>$120</td>
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<tr>
<td>One-Day Course – Friday only</td>
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<td>$90</td>
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<tr>
<td>One-Day Course – Saturday only</td>
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<tr>
<td>Printed Syllabus</td>
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Enclose a check (U.S. currency) payable to the University of Michigan or pay by credit card below. Payment must accompany registration.

**CREDIT CARD:**
- [ ] AmEx
- [ ] Discover
- [ ] MasterCard
- [ ] Visa

**CARD #**

**EXP. DATE**

**SEC. CODE**

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**NAME ON CARD** (please print)

**SIGNATURE** (not valid without signature)