Sponsored by:

University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
Division of Pulmonary, Allergy & Critical Care Medicine

COPD 2020:
CURRENT GUIDELINES AND NEW DIRECTIONS

SATURDAY, DECEMBER 7, 2019

UNIVERSITY CLUB
123 UNIVERSITY PLACE
PITTSBURGH, PENNSYLVANIA 15260

Course Directors:
Frank C. Sciurba, MD, FCCP
Saturday, December 7, 2019

7:30 – 8:10 am  **Registration and Refreshments**  
(LOBBY AND BALLROOM A, FIRST FLOOR)

**MAIN MEETING SESSION: BALLROOM A, FIRST FLOOR**

8:10 – 8:20 am  **Welcome and Introduction**  
*Frank C. Sciurba, MD, FCCP*  
*University of Pittsburgh School of Medicine*

8:20 – 9:00 am  **Evidence Based Treatment of COPD**  
*Craig Riley, MD*  
*University of Pittsburgh School of Medicine*

9:00 - 9:15 am  Discussion

9:15 – 9:45 am  **Endobronchial Valves for Emphysema**  
*Roy Semaan, MD*  
*University of Pittsburgh School of Medicine*

9:45 – 9:55 am  Discussion

9:55 – 10:10 am  **Break**

10:10 – 10:45 am  **Non-Invasive Ventilation in COPD Chronic Respiratory Failure**  
*Nicholas S. Hill, MD*  
*Tufts University School of Medicine*

10:45 – 10:55 am  Discussion

10:55 – 11:25 am  **Current Clinical Trials: Bronchoscopic Device and Biologic Intervention for Airway Dominant/Exacerbator Subtypes**  
*Frank C. Sciurba, MD, FCCP*  
*University of Pittsburgh School of Medicine*

11:25 – 11:35 am  Discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:35 – 12:00 pm</td>
<td>Advances in the Science of COPD at the University of Pittsburgh</td>
</tr>
<tr>
<td></td>
<td>Jessica Bon Field, MD, MS</td>
</tr>
<tr>
<td></td>
<td>University of Pittsburgh School of Medicine</td>
</tr>
<tr>
<td>12:00 – 12:10 pm</td>
<td>Discussion</td>
</tr>
<tr>
<td>12:10 am – 1:00 pm</td>
<td>Lunch (provided)</td>
</tr>
<tr>
<td>1:00 – 1:30 pm</td>
<td>Lung Cancer Screening</td>
</tr>
<tr>
<td></td>
<td>Rime Abbas, MD</td>
</tr>
<tr>
<td></td>
<td>University of Pittsburgh School of Medicine</td>
</tr>
<tr>
<td>1:30 – 1:40 am</td>
<td>Discussion</td>
</tr>
<tr>
<td>1:40 – 2:00 pm</td>
<td>Lung Volume Reduction Surgery and Lung Transplantation</td>
</tr>
<tr>
<td></td>
<td>Pablo Sanchez, MD, PhD, FACS</td>
</tr>
<tr>
<td></td>
<td>University of Pittsburgh School of Medicine</td>
</tr>
<tr>
<td>2:00 – 2:10 pm</td>
<td>Discussion</td>
</tr>
<tr>
<td>2:10 - 3:00 pm</td>
<td>Panel Discussion &amp; Case Presentations</td>
</tr>
<tr>
<td></td>
<td>All Faculty</td>
</tr>
<tr>
<td></td>
<td>Moderator: Frank Sciurba, MD, FCCP</td>
</tr>
<tr>
<td>3:00 pm</td>
<td>Adjournment</td>
</tr>
</tbody>
</table>
COURSE DIRECTOR:

Frank C. Sciurba, MD, FCCP  
Professor of Medicine  
Director, Emphysema/COPD Research Center  
Director, Pulmonary Function Exercise Physiology Laboratory  
Division of Pulmonary, Allergy & Critical Care Medicine  
University of Pittsburgh School of Medicine

ORGANIZING COMMITTEE:

Natalie Covalt, RN  
University of Pittsburgh School of Medicine

Deborah Piontek, BA, RRT, RPFT  
University of Pittsburgh School of Medicine

Frank C. Sciurba, MD, FCCP  
Professor of Medicine  
Director, Emphysema/COPD Research Center  
Director, Pulmonary Function Exercise Physiology Laboratory  
Division of Pulmonary, Allergy & Critical Care Medicine  
University of Pittsburgh School of Medicine

Lauren Spiegel, MHS, PA-C  
Staff Physician Assistant  
University of Pittsburgh School of Medicine
SPEAKERS:

**Rime Abbas, MD**  
Clinical Instructor of Medicine  
Division of Pulmonary, Allergy & Critical Care Medicine  
University of Pittsburgh School of Medicine

**Jessica Bon Field, MD, MS**  
Associate Professor of Medicine  
Director, Pulmonary and Critical Care Medicine Fellowship Program  
Division of Pulmonary, Allergy & Critical Care Medicine  
University of Pittsburgh School of Medicine

**Nicholas S. Hill, MD**  
Professor of Medicine  
Chief, Pulmonary, Critical Care and Sleep Division  
Tufts University School of Medicine

**Craig Riley, MD**  
Clinical Instructor of Medicine  
Division of Pulmonary, Allergy & Critical Care Medicine  
University of Pittsburgh School of Medicine

**Pablo Sanchez, MD, PhD, FACS**  
Assistant Professor of Cardiothoracic Surgery  
Vice Chairman, Benign Lung Diseases  
Surgical Director, Lung Transplantation and ECMO  
Director, Lung Transplant Research  
Director, Ex Vivo Lung Perfusion (EVLP) Program  
Department of Cardiothoracic Surgery  
University of Pittsburgh

**Frank C. Sciurba, MD, FCCP**  
Professor of Medicine  
Director, Emphysema/COPD Research Center  
Director, Pulmonary Function Exercise Physiology Laboratory  
Division of Pulmonary, Allergy & Critical Care Medicine  
University of Pittsburgh School of Medicine

**Roy Semaan, MD**  
Assistant Professor of Medicine  
Director, Interventional Pulmonary Program at UPMC  
Division of Pulmonary, Allergy & Critical Care Medicine  
University of Pittsburgh School of Medicine
EDUCATIONAL OBJECTIVES

The educational objectives of this conference are to describe and discuss the latest clinical advances and treatment options in COPD.

Upon completion of this conference, physicians and other health care workers will:

- Change their treatment approaches to COPD based on the latest evidence-based approach to clinical practice;

- Have learned the evidence-based benefits and risks of bronchoscopic and surgical lung volume reduction and be better able to select patients who may benefit by referral for this procedure;

- Understand the evidence-based benefits of non-invasive ventilation and be better able to select patients who may benefit by referral for this procedure.

TARGET AUDIENCE

The target audience for this conference is practicing physicians (including Pulmonologists and PCP’s), nurses, fellows-in-training, respiratory therapists, nurses, and other health professionals.
CME ACCREDITATION AND DESIGNATION STATEMENT

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians
The University of Pittsburgh School of Medicine designates this live activity for a maximum of 5.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nursing (CNE)
The maximum number of hours awarded for this Continuing Nursing Education activity is 5.75 contact hours.

Physician Assistant (AAPA)
The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 5.75 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

Other health care professionals
Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

DISCLAIMER STATEMENT
The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.
FACULTY DISCLOSURE

All individuals in a position to control the content of this education activity including members of the planning committee, speakers, presenters, authors, and/or content reviewers have disclosed all relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

**The following relevant financial relationships were disclosed:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Grant/Research Support</th>
<th>Consultant</th>
<th>CE Speakers' Bureau</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nicholas S. Hill, MD</td>
<td>Fisher Paykel</td>
<td>Philips Respironics, Fisher Paykel</td>
<td>Philips Respironics, Fisher Paykel</td>
</tr>
<tr>
<td>Craig Riley, MD</td>
<td>NIH NHLBI</td>
<td>UPMC Health Plan</td>
<td></td>
</tr>
<tr>
<td>Frank S. Sciurba, MD</td>
<td>NIH</td>
<td>GlaxoSmithKline, Boehringer Ingelheim, Verona, AstraZeneca</td>
<td></td>
</tr>
</tbody>
</table>

No other planners, members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships to disclose.

ACKNOWLEDGEMENTS

We gratefully acknowledge support from the following for this activity:

EDUCATIONAL GRANTS:

- AstraZeneca Pharmaceuticals LP
- GlaxoSmithKline LLC
- Nuvaira
- Pulmonx