

35th Pulmonary Winter Course Program Agenda

Addressing controversies and hot topics in Pulmonary, Critical Care and Sleep Medicine

Friday – February 21, 2014

7:30 – 7:55 AM Continental Breakfast – Registration & Sign In

7:55 AM Welcome and Announcements
Bruce P. Krieger, MD, FACP, FCCP, Chairman

CHRONIC CRITICAL ILLNESS – CAN IT BE PREVENTED AND TREATED?

Moderator: **Gerald W. Staton, Jr., MD**, Emory University School of Medicine

8:00 – 8:40 AM ***The Journey Continues...Long Term Outcomes in ICU Survivors***

Margaret M. Johnson, MD, Associate Professor of Medicine,
Chair, Division of Pulmonary Medicine Mayo Clinic Florida

- Understand our current knowledge regarding outcomes of ICU survivors
- Discuss potential mechanism leading to persistent impairment
- Discuss directions for future studies
- Explore practice changes which may improve long term outcomes

8:40 – 9:20 AM ***Can Chronic Critical Illness Be Prevented? A Proposed ICU Checklist***

Carmen Polito, MD, Pulmonary and Critical Care Medicine Fellow, Emory University

- Recognize characteristics of chronic critical illness
- Identify modifiable characteristics of chronic critical illness
- Employ best practice to minimize chronic critical illness

9:20 – 10:00 AM ***Weaning the Un-Weanable***

Gerald W. Staton, Jr., MD, Professor of Medicine, Emory University School of Medicine

- Define prolonged mechanical ventilation
- Discuss important causes of failure to wean
- Define important components of care that maximize weaning success

10:00–10:20 AM BREAK IN THE EXHIBIT HALL

GUIDELINES REVIEW

Moderator: **Jeffrey L. Garland, MD**, Mayo Clinic Florida

10:20–11:00 AM ***Pulmonary Thromboembolic Disease***

Jeffrey L. Garland, MD, FCCP, Assistant Professor of medicine, Mayo Clinic Florida

- Understand the treatment of pulmonary emboli
- Understand the treatment of DVT's
- Understand the evidence behind these.

11:00–11:40 AM ***Guidelines for Pulmonary Artery Hypertension: What's new?***

Charles D. Burger, MD, Professor of Medicine, Consultant, Pulmonary and Critical Care Medicine, Mayo Clinic Florida

- Navigate and direct a diagnostic algorithm for pulmonary artery hypertension (PAH)
- Incorporate the latest guideline recommendations for PAH
- Utilize several severity measures to evaluate PAH

Continued

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Friday – February 21, 2014 (continued)

- 11:40 AM – 12:20 PM **Surviving Sepsis Campaign Guidelines**
Jeffrey L. Garland, MD, Assistant Professor of Medicine, Mayo Clinic Florida
- Understand the level of evidence behind the guidelines
 - Understand the role of intravascular volume measurement
 - Understand the recommended treatment algorithm

12:20—12:30 PM BREAK IN THE EXHIBIT HALL

- 12:30—2:00 PM **FELLOWS' CASE PRESENTATIONS @ LUNCH**
Moderator: **Gene G. Ryerson, MD**, University of Florida
Pulmonary Fellows: Michael Alvarez, DO, Fellow Pulmonary and Critical Care, University of South Florida
Abubakr Chaudhry, MD, Fellow Pulmonary and Critical Care, Emory University
Jai Surana, MD, Fellow Pulmonary Care, University of South Carolina
Colin Swenson, MD, Fellow Pulmonary and Critical Care Medicine, University of Florida

Saturday – February 22, 2014

7:30 – 7:55 AM Continental Breakfast – Registration & Sign In

7:55 AM Welcome and Announcements
Bruce P. Krieger, MD, FACP, FCCP, Chairman

- 8:00 – 9:00 AM **Health Beyond Healthcare**
John H. Armstrong, MD, State Surgeon General & Secretary of Health
- Describe the principal determinants of health
 - Discuss major issues for health
 - Explain the role of systems for improving health

- NON-PHARMACOLOGIC TREATMENT OF COPD**
Moderator: **Neal Patel, MD**, Mayo Clinic Florida
- 9:00 – 10:00 AM **Guideline Review: Integrated Care of the COPD Patient**
Isabel Mira-Avendano, MD, Staff Pulmonary Physician, Mayo Clinic Florida
- Pathophysiologic mechanisms and classification of COPD.
 - Strategies for management and follow up of the COPD patient.
 - Translate guideline recommendations to the context of primary care

10:00 – 10:30 AM BREAK IN THE EXHIBIT HALL

Continued

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Saturday – February 22, 2014 (continued)

- 10:30 – 11:30 AM **Non-Pharmacologic Treatment of COPD**
Neal Patel, MD, MPH, Consultant, Department of Pulmonary Medicine, Mayo Clinic Florida
- Update of current O2 delivery systems
 - Role of NIPPV in COPD management
 - Understand role and benefits of pulmonary rehabilitation
- 11:30 AM – 12:30 PM **Surgical Treatment of COPD**
John A. Odell, MB ChB, FRCS, FACS, Emeritus Professor of Surgery, Previous Cardiothoracic Surgeon and, Previous Surgical Director Lung Transplantation Mayo Clinic Florida
- Understand the historical development of surgical approaches to emphysema
 - Understand current role of surgery in management of different forms of emphysema
- 12:30 – 1:00 PM **Panel Q & A**
- 1:00 – 2:00 PM Lunch On Your Own
HEMOCARE AND THE PULMONARY PATIENT
Moderator: **Rebecca C. Young, RRT, BSRT**, Director of Respiratory Care, Pasco Regional Medical Center
- 2:00 – 3:00 PM **Putting a Face on Long Term Acute Care**
John D. Baron, Area Director, Kindred Hospital
- Identify what Long Term Acute Care (LTAC) is
 - Understand what part LTAC's play in continuum
 - Identify clinical criteria appropriate for LTAC
- 3:00 – 4:00 PM **RT's Role in End of Life Care**
Tim Plofkin, BS, RRT, Director of Respiratory Care, Kindred Hospital, The Palm Beaches
- Understand the 5 stages of grief
 - Understand the difference between brain death and physical death
 - Understand how the RT's role has evolved over the years

Sunday – February 23, 2014

- 7:30 – 7:55 AM Continental Breakfast – Registration & Sign In
- 7:55 AM Welcome and Announcements
Bruce P. Krieger, MD, FACP, FCCP, Chairman
- LUNG CANCER – THE LATEST IN DIAGNOSTICS AND THERAPIES**
Moderator: **Abubakr A. Bajwa, MD**, Associate Professor of Medicine
University of Florida College of medicine

Continued

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Sunday – February 23, 2014 (continued)

- 8:00 – 8:35 AM ***Lung Cancer CT Screening Guidelines***
Abubakr A. Bajwa, MD, FCCP, Associate Professor of Medicine and Division Chief, Pulmonary, Critical Care and Sleep Medicine, Director Pulmonary Hypertension and Lung Disease Clinic, University of Florida College of Medicine
- Understand the rationale for lung cancer screening
 - Who qualifies for lung cancer screening and why
 - Potential pitfalls of lung cancer screening
- 8:35 – 9:10 AM ***Newer Surgery Techniques for Lung Cancer***
Harry D'Agostino, MD, Associate Professor and Chief, Division of Cardiothoracic Surgery, University of Florida College of Medicine
- Describe the utility of minimally invasive surgery for the diagnosis and staging of lung cancer
 - Discuss the minimally invasive surgical options for the treatment of lung cancer
- 9:10 – 9:45 AM ***Radiation Therapy in the Management of Lung Cancer—the New Era***
Bradford S. Hoppe, MD, MPH, Assistant Professor, University of Florida
- Identify the organs that limit our ability to deliver radiation safely
 - List toxicities patients experience during concurrent chemotherapy and radiation therapy
 - Describe technological advances that allow us to more safely deliver radiation therapy
- 9:45 – 9:55 AM BREAK IN THE EXHIBIT HALL
- 9:55 – 10:40 AM ***Pulmonary WinterCourse – What has 35 Years Taught Us?***
David A. Solomon, MD, Director, Division of Pulmonary and Critical Care, University of South Florida
- Consider the changes in medical education
 - What has happened to physical examination skills
 - Understanding how genomic medicine has altered the role of therapy
- 10:40 – 11:20 AM ***Inhaled Drugs of Abuse***
Gene G. Ryerson, MD, Courtesy Professor of Medicine, University of Florida
- List drugs of abuse taken by the inhaled route
 - Compare amphetamines, cathinones (bath salts), cocaine and synthetic cannabis
 - Discuss the lung effects of smoking marijuana
- 11:20 AM – 12:00 PM ***Mechanical Ventilation – Year in Review***
Bruce P. Krieger, MD, FACP, FCCP, University of Florida
- Describe appropriate use of prone position on ARDS
 - Integrate low tidal volume strategy for all patients
 - Distinguish evidence-based weaning methods
- 12:00 PM Adjourn