**Directions**

**From the North**

I-81 S to Route 17 W (future Interstate 86) to exit 61 (Sayre, Pa.). Follow signs for Guthrie Campus/Clinic and Robert Packer Hospital.

**From the South**

I-81 N to Route 17 W (future Interstate 86) to exit 61 (Sayre, Pa.). Or take Route 220 N to Sayre/S Waverly exit. Follow signs for Guthrie Campus/Clinic and Robert Packer Hospital.

**From the East**

Route 17 W (future Interstate 86) to Sayre/S Waverly exit. Follow signs for Guthrie Campus/Clinic and Robert Packer Hospital.

**From the West**

Route 6 E to Route 220 N to Sayre/S Waverly exit. Follow signs for Guthrie Campus/Clinic and Robert Packer Hospital.

We ask that you not use patient parking during this seminar. Guthrie’s Sayre Campus is located on South Wilbur Avenue. To get to parking follow these instructions:

- Turn off of South Wilbur Avenue onto West Packer Avenue.
- Continue on Packer Avenue through 2 stop signs and go across a bridge. At the top of the bridge, bear left onto Thomas Avenue.
- Go straight through one stop sign.
- You’ll soon see a designated lot for seminar parking on the left-hand-side of the road.
- Shuttle service will be available to and from the seminar during the morning, lunch hour and at the end of the conference for all seminar attendees.

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**Registration**

**Registration Information**

Limited to the first 100 registrants. Registration fee is $70.

Make checks payable to: Robert Packer Hospital

Mail check and registration form to:

Larry Vosburgh  
School of Respiratory Therapy  
Robert Packer Hospital  
One Guthrie Square  
Sayre, PA 18840

If you have questions or need more information, please call 570-887-4513. If you need additional registration forms, please feel free to make photocopies of this brochure.

Registration will not be accepted without payment and is not refundable after Oct. 5, 2012.
Program Objectives

- Compare aerosol delivery by nebulizer, metered dose inhaler, dry powder inhaler.
- Discuss factors affecting aerosol delivery during mechanical ventilation.
- Discuss the role of inhaled pulmonary vasodilators during mechanical ventilation.
- Understand the epidemiology of lung cancer.
- Be able to state the problems with historic efforts to screen for lung cancer.
- Understand the current data supporting lung cancer screening with low dose helical CT.
- Understand the indications and usefulness of bronchial challenge testing (BCT).
- Discuss the various testing procedures and what defines a positive result in BCT.
- Assess readiness for ventilator liberation.
- Discuss the importance of a spontaneous breathing trial.
- Distinguish ventilator liberation from extubation.
- Discuss the theory of high frequency oscillatory ventilation (HFOV).
- Review the variables one adjusts on the HFO ventilator.
- Review the data comparing conventional ventilation with HFOV.
- View alveoli during HFOV, Conventional Ventilation and APRV.
- Determine appropriate conventional ventilator settings for the pediatric population.
- Determine appropriate high frequency oscillatory ventilation settings for the pediatric population.
- Understand the complexities in treating RSV-Bronchiolitis.
- Learn three major ethical systems.
- Understand which ethical system you operate under and how it affects your patient care.
- Apply ethics to scenarios of Futile Care.

Program

Application has been made to the American Association for Respiratory Care for 7 continuing education credits.

7:30 a.m.  Registration
7:55 a.m.  Welcome and Opening Remarks
8 a.m.  Inhaled Gases and Aerosols  
        Dean Hess, PhD, RRT, FAARC
9 a.m.  What’s New in Lung Cancer Screening  
        James Walsh, MD, FACP, FCCP
10 a.m.  Break
10:10 a.m.  New Developments in Bronchial Challenge Testing  
            Bill Pruitt, RRT, RPFT, AE-C
11:10 a.m.  Ventilator Liberation: Weaning The Ventilator Or Weaning Old-Fashioned Ideas?  
            Dean Hess, PhD, RRT, FAARC
12:15 p.m.  Lunch
1 p.m.  Lung Protective Strategies, HFOV and ARDS  
        Robert J. Lenox, MD, FCCP
2 p.m.  Rhonchi, Wheezes and Rales, OH MY!  
        Michael Bingaman, RRT
3 p.m.  Break
3:15 p.m.  Ethics: The O2 of Patient Care  
            Rev. Michael D. Hughes
4:15 p.m.  Evaluation

Faculty

Michael Bingaman, RRT  
Adult Critical Care Team Leader  
Respiratory Care Services  
Geisinger Medical Center  
Danville, PA

Dean Hess, PhD, RRT, FAARC  
Assistant Director of Respiratory Care  
Massachusetts General Hospital  
Associate Professor of Anesthesia  
Harvard Medical School, Boston, MA

Michael D. Hughes, M.Div  
Chaplain  
Robert Packer Hospital

Robert J. Lenox, MD, FCCP  
Division Chief of Pulmonary and Critical Care  
Professor of Medicine  
Department of Medicine  
SUNY Upstate Medical University  
Syracuse, NY

Bill Pruitt, RRT, RPFT, AE-C  
Senior Instructor and Director of Clinical Education  
Dept of Cardiorespiratory Care  
University of South Alabama  
Mobile, AL

James Walsh, MD, FACP, FCCP  
Section Chief, Pulmonary Medicine  
Guthrie Clinic  
Sayre, PA

Conference Committee Members

- Marci Dolan, AS, RRT
- Susan Ferrito, MSEd., RRT
- Doug Greer, BS, RRT
- Karla McDuffee, AS, RRT
- Larry Vosburgh, BS, RRT