



7th Annual Mechanical
Ventilation Conference
Washington Adventist Hospital
7600 Carroll Avenue
Takoma Park, MD 20912

PRESENTED BY:
The Respiratory Care Department
Washington Adventist Hospital

IN CONJUNCTION WITH:
Washington Adventist University



7th ANNUAL MECHANICAL VENTILATION CONFERENCE

Thursday, October 15, 2009
7:30 AM – 4:00 PM

FOUR POINTS BY SHERATON
8500 Annapolis Road
New Carrollton, MD 20784

Additional information please call 301-891-5326

NEEDS ASSESSMENT

Based on a survey study conducted among Respiratory Care Practitioners, the Respiratory Care Department at Washington Adventist Hospital has identified a need to educate Respiratory Care Practitioners and other health care professionals on current topics and issues in ventilator management. Topics to be discussed during this Conference will include:

- κ Advances in Mechanical Ventilation
- κ Difficult Airway
- κ ABG Interpretation/Classification
- κ Neonatal Weaning
- κ Patient-Ventilator Dys-synchrony
- κ Ethics
- κ Independent Lung Ventilation (ILV)

OBJECTIVE

The goal of the conference is to increase knowledge and awareness using diverse perspectives to improve clinical outcomes associated with mechanical ventilation through monitoring techniques and protocols.

ACCREDITATION

Application has been made to the American Association of Respiratory Care (AARC) for continuing education contact hours for respiratory therapists.

EDUCATIONAL OBJECTIVES

- κ Discuss the role of noninvasive ventilation in the care of patients with respiratory failure.
- κ Explain how to set tidal volume and PEEP to minimize ventilator-induced lung injury.
- κ Describe the role of respiratory therapist protocols in the ventilator discontinuation process.

EDUCATIONAL OBJECTIVES

- κ Describe the difference between interpretation and classification of ABG's.
- κ Describe the difference between technical and functional classification of ABG's.
- κ Explain the role of the ventilator trigger in dys-synchrony.
- κ Discuss approaches to flow dys-synchrony.
- κ Explain how cycle dys-synchrony can occur with pressure support ventilation.
- κ Describe the role of ventilator mode on dys-synchrony.
- κ Identify the patient with a difficult airway.
- κ Recognize the "auxiliary" techniques of laryngeal intubation.
- κ Recognize and manage displaced tracheotomy appliances.
- κ Describe the benefits of neonatal CPAP.
- κ Recognize the criteria for acceptable CBG's for weaning the neonate from mechanical ventilation.
- κ Recognize quickly neonatal respiratory distress and the need to resume mechanical ventilation following extubation.
- κ Understand the indications for initiating (ILV) in acute respiratory failure.
- κ Review the mechanical applications of (ILV) as a ventilation technique including the use of double lumen tubes, synchronization and modes.
- κ Discuss the complications of (ILV) with emphasis on returning the patient to conventional ventilation.
- κ Understand the laws governing the decision-maker in the event the patient lacks capacity to make medical decisions.
- κ Understand the difficulty in defining the concept of "futile care".
- κ Understand the role of the respiratory therapist in dealing with families in crisis due to the critical illness of a loved one.

REGISTRATION FORM

7TH ANNUAL MECHANICAL VENTILATION CONFERENCE

October 15, 2009

Four Points by Sheraton | 8500 Annapolis Road | New Carrollton, MD 20784

The course fee includes processing, continental breakfast and lunch. **Registration Deadline: Friday, October 9, 2009. Cancellations and Refunds:** Cancellations received in writing by Wednesday, October 14, 2009 will be granted a refund, less a \$15 processing fee. There will be no exceptions.

Conference Fees

{ \$90 AARC Member { \$100 Non-AARC Member { \$50 Students { \$35 Group Rate for Students 10 or More

(Please CLEARLY Print or Type)

Name _____

Address _____ City _____ State _____ Zip _____

Telephone _____ E-mail _____

Institution/Business/School Affiliation _____

If AARC member, please list your AARC # _____

CONFERENCE FEE MUST ACCOMPANY REGISTRATION FORM

Please make checks payable to:
WASHINGTON ADVENTIST HOSPITAL

Mail Form and Payment To:

Patricia Sullivan
Respiratory Care Department
Washington Adventist Hospital
7600 Carroll Avenue
Takoma Park, MD 20912

Your e-mail address is required for receipt/confirmation of registration.

----- Detach and Return -----

7th ANNUAL MECHANICAL VENTILATION CONFERENCE OCTOBER 15, 2009

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|------------------|--|-----------------|--|
| 7:30 – 8:30 AM | Opening Remarks Advances in Mechanical Ventilation: First Do No Harm Dean Hess, PhD, RRT, FAARC | 12:00 – 1:00 PM | LUNCH |
| 8:30 – 9:30 AM | The ABG Challenge: Interpretation vs. Classification Dana F. Oakes, BS, RRT-NPS | 1:00 – 2:00 PM | So You Think You Can Dance/Extubate! Steps for Neonatal Weaning Denise H. Haley-Jones, MS, RRT-NPS |
| 9:30 – 10:00 AM | BREAK – VENDOR EXHIBITIONS | 2:00 – 3:00 PM | Independent Lung Ventilator (ILV) Angel A. Galera-Santiago, M.D. |
| 10:00 – 11:00 AM | Patient-Ventilator Dys-Synchrony Dean Hess, PhD, RRT, FAARC | 3:00 – 4:00 PM | Ethical Dilemmas in Respiratory Care: When You Can't Do the Right Thing Norton Elson, M.D. |
| 11:00 – 12:00 PM | The Difficult Airway Randall Wagner, M.D. | 4:00 – 4:30 PM | CLOSING REMARKS |

PROGRAM SUPPORT

Washington Adventist Hospital's Respiratory Care Department gratefully acknowledges the continued participation and support of our vendors for this Conference.

CONFERENCE PLANNING COMMITTEE

Robin Auerbach, RRT Lenard Nyangwara, RRT
Rosemarie Black, RRT Loreen Ricks, CRT
Elfred Deynes, RRT Pamela Scott, CRT
Fassil Getachew, RRT Leslie Stoddard, CRT
Tanisha Griffith, RT Alvin Tucker, RRT
Karen Hart, CPFT Jay Fuller, RRT-NPS

DDIRECTIONS

From East

Take Route 50 West to the Capitol Beltway (Interstate 495/Interstate 95 north). Proceed to exit 20 B The hotel is located on the right at the bottom of the ramp.

From North/South

Take the Capitol Beltway (Interstate 495/Interstate 95 north) to exit 20 B The hotel is located on the right at the bottom of the ramp.

From West

Take Route 50 East to the Capitol Beltway (Interstate 495/Interstate 95 north). Proceed to exit 20 B The hotel is located on the right at the bottom of the ramp.

WASHINGTON ADVENTIST HOSPITAL

MISSION STATEMENT

We demonstrate God's care by improving people and communities through a ministry of physical, mental and spiritual healing.

CO-PROGRAM DIRECTORS

Alfred Munzer, M.D.

Medical Director of Pulmonary Medicine
Washington Adventist Hospital

Jay Fuller, RRT-NPS,

Manager
Washington Adventist Hospital

CONFERENCE SPEAKERS

Norton Elson, M.D.

Pulmonary Medicine Department
Washington Adventist Hospital

Angel A. Galera-Santiago, M.D.

Mid-Atlantic Critical Care, LLC
Washington Adventist Hospital

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Dana Oakes, RRT-NPS, President

Oakes' Books, A Division of Health Educator Publications, Inc.

Randall P. Wagner, M.D.

Mid-Atlantic Critical Care, LLC
Washington Adventist Hospital