



*SDSRC 2010 Annual Business Meeting & Educational Conference  
September 21<sup>st</sup> and 22<sup>nd</sup>, 2010*

**TUESDAY, SEPTEMBER 21<sup>st</sup>**

**07:15 – 07:45 Registration—Continental Breakfast**

**07:45 Welcome**

**08:00 – 09:00 *Are We in Harm's Way? A method to decrease risk for patients and caregivers in the ICU***

**Dr. James Maguire PhD RCP FCCP, Norwich, Vermont (Sponsor: Pall Life Sciences)**

Senior Scientist, Pall Life Sciences; Senior Consultant, Respiratory Care, VA Regional Medical Center/Dartmouth Alliance; American College of Chest Physicians, Governor, Vermont

Objectives:

1. Participant will be able to identify two sources of VAP
2. Participant will be able to identify risk to Critical Care Personal
3. Participant will be able to name contraindications for use of HMEF

**09:00 – 10:00 *ACHM Ventilator Weaning: First Year Results***

**Dr. Ronald Burnam MD FCCP, Billings, Montana (Sponsor: Advanced Care Hospital of Montana)**

Medical Director Pulmonary Services, Advanced Care Hospital of Montana

Objectives:

1. Delineate results of Advanced Care Hospital of Montana ventilator weaning program
2. Demonstrate current protocol and equipment
3. Define LTACH
4. Admission requirements for LTACH

**10:00 – 11:00 *Healthcare Reform Act: What does it mean and how does it impact you?***

**Rita Haxton RN MSN NEA-BC, Rapid City, South Dakota (Sponsor: Rapid City Regional Hospital)**

Vice President of Patient Services, Rapid City Regional Hospital

Objectives:

1. Describe the components of the Patient Protection and Affordable Care Act.
2. Discuss what effect the reform changes will have on patient care providers.

**11:00 – 12:00 Exhibit Hall Grand Opening!**

**12:00 – 13:30 Annual Business Meeting and Luncheon – all registrants welcome**

**13:45 – 14:45 *Alveolar Mechanics and Protective Mechanical Ventilation: Seeing is Believing!***

**Gary Nieman, Syracuse, New York (Sponsor: Draeger Medical)**

Associate Professor, Senior Research Scientist Director, Cardiopulmonary and Critical Care Laboratory SUNY Upstate Medical University, Department of Surgery, Syracuse, New York

Objectives:

1. Identify normal and abnormal alveolar mechanics,
2. Discuss the impact of abnormal alveolar mechanics on ventilator induced lung injury (VILI)
3. Discuss how proper use of mechanical ventilation can stabilize abnormal alveoli and reduce VILI.

**14:45 – 15:45 *Carbon Monoxide Poisoning***

**Dr. Bryan Bledsoe DO FACEP FAAEM, Las Vegas, Nevada (Sponsor: Massimo)**

Clinical Professor of Emergency Medicine, University of Nevada School of Medicine; Attending Emergency Physician, University Medical Center, Southern Nevada, Las Vegas

Objectives:

1. Discuss the importance of recognizing carbon monoxide poisoning.
2. Describe the pathophysiology of carbon monoxide poisoning based upon evolving science.
3. Describe treatment strategies for carbon monoxide poisoning.
4. List high-risk groups for adverse effects of carbon monoxide poisoning.

**15:45 – 16:45 *Interactivity and Synchrony during Invasive Ventilation***

**Cyndy Miller RRT, Costa Mesa, California (Sponsor: Newport Medical)**

Clinical Education Manager, Newport Medical Instruments

Objectives:

1. The learner will be able to incorporate new understanding about the relationship between leak compensation and flow triggering into bedside ventilation management.
2. The learner will be able to apply synchronous pressure support ventilation on a wider variety of patients due to new comprehension of the relationship between slope rise and expiratory threshold settings.

**17:00 – 19:00 Exhibit Hall – Happy Hour (Food, Beverages, and Cash Bar)**



*SDSRC 2010 Annual Business Meeting & Educational Conference  
September 21<sup>st</sup> and 22<sup>nd</sup>, 2010*

**WEDNESDAY, SEPTEMBER 22<sup>nd</sup>**

**08:00 – 09:00**      ***Thriving with Cystic Fibrosis—A Personal Account***

**Kristin McFall, CF Patient, Denver, Colorado (Sponsor: Hill-Rom)**

Education Resource Specialist, Patient Resource

Objectives:

1. Understanding of the importance of a patient's positive approach to disease management
2. Gain insight into the demands of a daily treatment regimen on a patient with a chronic illness
3. Review of the importance of the patient/caregiver relationship.
4. Renewed enthusiasm for the difference you make in patients quality of life.

**09:00 – 10:00**      ***Navigating the Respiratory Pyramid of Care (2 hours)***

**David Vines MHS RRT FAARC, Chicago, Illinois (Sponsor: Teleflex Medical)**

Associate professor and program director/acting chair for the Department of Respiratory Care, College of Health Sciences Rush University in Chicago, Illinois

Objectives (2 hrs):

1. Describe the respiratory pyramid of care (POC)
2. Identify clinical findings for hypoxemia /hypoxia and hypoventilation
3. For each level of the pyramid of care :
  - Identify the signs/symptoms associated with the level
  - Assess the risk and benefit
  - Describe devices and therapy needed

**10:00 – 10:15 Break**

**10:15 – 11:15**      ***Navigating the Respiratory Pyramid of Care (continued)***

**11:15 – 12:15**      ***Oxygen Conserving Technology***

**Scott Dunn RRT, Broomfield, Colorado (Sponsor: Precision Medical / General Distributing)**

Regional Manager, Precision Medical

Objectives: to identify

1. What is O2 conservation
2. Why conserve O2
3. When to consider conservation
4. How to conserve O2

**12:15 – 13:15 Lunch (on your own)**

**13:30 – 14:30**      ***Aerosols in the ICU: From Infants to Adults***

**Dr. Jim Fink PhD LLC, San Mateo, CA (Sponsor: Aerogen)**

Independent Consultant; Scientific Advisor, Aerogen; Adjunct Professor, Georgia State University

Objectives:

1. Describe problems and solutions for delivery of aerosol to infants, peds and adults.
2. Identify best methods for device placement in the ventilator and nCPAP circuit.
3. Contrast use of masks with other appliances for aerosol delivery off the ventilator

**14:30- 15:30**      ***Clinical Aspects of Obstructive Sleep Apnea***

**Dr. Sarfaz Ahmad MD, Rapid City, SD ( Sponsor: Rapid City Regional Hospital / Regional Medical Clinic)**

Pulmonary, Critical Care and Sleep Medicine Specialist, Regional Medical Clinic

Objectives:

1. Explain what is OSA
2. Specify why it is important to treat OSA
3. Identify the clinical benefits of treating OSA

**15:30 – 16:30**      ***2010 Respiratory Care Update and Beyond***

**Tom Kallstrom MBA RRT FAARC, Dallas, TX (Sponsor: AARC / SDSRC)**

Associate Executive Director and Chief Operating Officer, AARC

Objectives:

1. Specify at least three recent projects that can be used by respiratory therapists to improve patient care.
2. Explain what the future looks like in regards to practicing respiratory therapists
3. Explain how the 2015 process is and how it will move forward

**16:30**      ***Closing Remarks / Conference Adjournment***



*SDSRC 2010 Annual Business Meeting & Educational Conference  
September 21<sup>st</sup> and 22<sup>nd</sup>, 2010*

**SDSRC Annual Business Meeting and Conference Registration**

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Employer/Organization \_\_\_\_\_

AARC Member # \_\_\_\_\_

**(Must be included to receive discount)**

	Advanced	After	Amount
	Registration	August 30	Enclosed
<b>Two Days</b>			
AARC Member	\$100	\$110	\$ _____
Non-Member	\$190	\$225	\$ _____
Student-Member	\$ 45	\$ 50	\$ _____
<b>One Day</b>			
AARC Member	\$ 65	\$ 75	\$ _____
Non-Member	\$130	\$160	\$ _____
Student-Member	\$ 30	\$ 35	\$ _____

One day attendees, please circle which day:

Tuesday    Wednesday

Total    \$ \_\_\_\_\_

**Mail Registration with check payable to SDSRC:**

Marilee Sage, Director, Respiratory Care  
Rapid City Regional Hospital  
P.O. Box 6000  
Rapid City, SD 57709  
E-mail: msage@regionalhealth.com

Best Western Ramkota Hotel  
and Conference Center

2111 N Lacrosse Street

Rapid City, SD 57701

605-343-8550

[www.ramkota.com](http://www.ramkota.com)

SDSRC Meeting Room Rates

\$80.00+tax standard room

\$110.00+tax two room suites

Rates valid until August 18, 2010

**Social Gathering**

8:00 pm

Monday, Sept. 20, 2010

Best Western Ramkota Bar

*Application has been made to the AARC for 13 continuing education contact hours for Respiratory Therapists.*