

# Trending Topics in Respiratory Care

The  
Kansas Respiratory Care Society  
Presents the 38th Annual  
Education Seminar

April 8, 9, & 10, 2015  
Marriott Hotel  
9100 Corporate Hills Dr.  
Wichita, KS 67207

A graphic of a smartphone with a blue screen. In the center of the screen is a yellow sunflower with the letters 'KRCS' in a dark, serif font overlaid on it. The phone's status bar at the top left shows '10:08am' and signal strength icons.

KRCS

# Schedule

## Wednesday, April 8th

- 10:00 Golf at MacDonald Golf Course—Wichita, KS  
18:00 Student Reception—Sponsored By Wesley Medical Center  
18:00-18:30 Meet and Greet—Pizza will be served.  
18:30-19:00 Kyle Weis, new grad, KRCS board member, and past winner of Russ Babb Memorial Scholarship  
19:00 20:00 Tom Kallstrom CEO AARC speaks . The Russ Babb Memorial Scholarship Winner will be announced, during the reception.

## Thursday, April 9th

- 07:00-07:50 Registration and Breakfast—Kansas Grand Ballroom  
07:50-08:00 Welcome and Announcements—Logging On  
08:00-08:50 Keynote—Tom Kallstrom “Respiratory Care 2015: Challenges and Opportunities”  
Sponsored by AARC  
08:50-09:20 Tom Donnay “Hospital Preparedness...It is not just for disasters any more”  
09:20-09:50 Kathy Adams “Ventilator Associated Events, What has Changed?”  
09:50-10:05 Social Media Break—Sponsored By Fisher and Paykel  
10:05-10:35 Melissa Rameriz “Pediatrics & Child Life”  
10:35-11:05 Bob Whiteside “Stress Index in Mechanical Ventilation”  
Sponsored by Maquet  
11:05-11:35 John Flesher “Liberation from Mechanical Ventilation”  
11:35-12:50 Lunch—Chat time  
12:50-13:20 Deb Fox “Methemoglobinemia: The Mystery of the Blue Fugates”  
13:20-13:50 Gary Milne “Ventilator Asynchrony”  
Sponsored by Covidien / Medtronic  
13:50-14:20 Deb Schuessler “No Place Like Home: Reducing Readmissions using NIV”  
14:20-14:35 Social Media Break  
14:35-15:05 Gregg Ruppel “Cardiopulmonary Exercise Testing”  
Sponsored by MGC Diagnostics  
15:05-15:35 Mark Wencel “Pulmonary Alveolar Proteinosis; A Rare Lung Disease”  
15:35-16:05 James Walker “Radiograph Interpretation”  
16:05-16:35 Lela Hernandez “Pediatric Drugs of Abuse, Old and New Friends”  
16:35-16:40 Closing Remarks  
16:40-18:40 Vendor Reception-Atrium and Ballroom F  
Sponsored by Covidien / Medtronic  
19:30-23:30 Social Media Blitz-Wichita Ballroom Salon 1

## Friday, April 10th

- 07:00 -07:50 Registration and Breakfast—Kansas Grand Ballroom  
07:50-08:00 Welcome and Announcements  
08:00-09:00 Dr. Paul Uhlig “Interprofessional Education and Clinical Simulation”  
09:00-09:30 Gina Berg “Research Articles. Making Sense of it all”  
09:30-10:00 Dave Hampton “What’s New in the NICU: Emerging Trends in the Care of Premature Infants”  
10:00-10:20 Social Media Break  
10:20-10:50 Don Vasquez “Maximizing Opportunities for Life”  
10:50-11:20 Joann Paul “The Cost of Readmission: to the patient, family and YOU”  
11:20-11:50 USMC Lance Minor “ Patient’s Perspective”  
11:50-12:00 Closing Remarks—Logging Off  
12:00-15:00 KRCS Board of Directors Meeting—Salon 2

# Continuing Education

This program is approved for 12 hours (8 on Thursday and 4 on Friday) of Kansas Respiratory Continuing Education, by the Kansas Respiratory Care Society, a chartered affiliate of the AARC. Approval is pending for 10 CRCE by the AARC is pending. All participants are required to sign-in for each morning and afternoon session and can pick up their certificates of attendance at the conclusion of the seminar. Prorated education hours may be obtained each day for those participants leaving prior to the end of the conference. No money will be refunded to participants who leave early.

## Vendor Reception

Join us for our annual vendor reception/RSS Feed. Peruse the vendors hall for state-of-the-art ventilators and equipment. Complimentary beverages and appetizers will be served. Prizes will be awarded throughout the evening. Doors open at 16:35. Participants attending only Friday’s meeting are welcome at the reception. Admission to the vendor reception requires your seminar nametag or a \$25 fee. You must be at least 21 years of age to consume alcohol. **NO EXCEPTIONS!**

## Vendor Recognition

It is through the generous contributions of vendors that we are able to provide this seminar. Our vendors help offset the cost of speakers and special events such as the welcome reception, golf tournament, and entertainment. **Be sure to thank your sales representatives.**

## Objectives

1. After listening the attendee will: Be able to specify at least 3 AARC goals for 2015 and be able to explain why telemedicine is an important role for the respiratory therapist today and in the future.
2. Describe key points of a hospital preparedness program.
3. Discuss changes in ventilator associated events.
4. Discuss the Child Life Specialists role and how within the hospital environment they help patients and families cope with the stressors of illness and the hospital environment.
5. Describe how setting tidal volume to a non-injurious stress index in an open lung condition improves alveolar ventilation and prevents overdistention.
6. Understand the medical literature pertaining to weaning from mechanical ventilation in the acute care setting.
7. Describe the clinical hallmarks of methemoglobinemia and the use of co-oximetry in the differential diagnosis of cyanosis.
8. Recognize common forms and causes of asynchrony in mechanically ventilated patients.
9. The learner will understand the benefits of providing NIV in the home and the impact of an RT in the home reducing hospital readmissions
10. Interpret Radiographic information
11. Interpret the data from cardiopulmonary exercise testing to distinguish between ventilatory and cardiovascular exercise limitations.
12. Describe the pathophysiology and treatment of Pulmonary Alveolar Proteinosis (PAP)
13. Describe the emerging trends of pediatric drugs of abuse.
14. Describe and demonstrate the emerging trend of interprofessional education and the value of clinical simulation.
15. Possess a greater understanding of how to read and interpret medical research articles.
16. Identify the role of the respiratory therapist in the NICU.
17. Describe the role of the respiratory therapist in the care of the patient with catastrophic brain injury.
18. Discuss the CMS readmission penalty and prevention strategies associated with COPD patients.
19. Identify with patient experience in the face of critical care illness.

## Faculty

Thomas J. Kallstrom, MBA, RRT, FAARC  
Executive Director/Chief Executive Officer,  
American Association for Respiratory Care

Tom Donnay, RN,  
Hospital Preparedness Coordinator, Wesley Medical Center

Kathy A. Adams, RN, BSN, CIC  
Infection Prevention Practitioner, Wesley Medical Center

Dr. James Walker, MD  
Program director of Anesthesiology Residency Program,  
Medical Director NCCU, Via Christi Hospitals—Wichita

Bob Whiteside BS, RRT  
Critical Care Senior Account Manager, MAQUET Medical  
Systems

Dr. John Flesher, MD  
Pulmonary and Critical Care Medicine,  
Pulmonary and Sleep Consultants of Kansas

Debbie Fox, MBA, RRT-NPS, FAARC

Gary Milne, RRT  
Director of Clinical Marketing, Covidien

Melissa Rameriz, CCLS  
Child Life Specialist, Wesley Medical Center

Gregg Ruppel, MEd, RRT, RPFT, FAARC  
Adjunct Professor, Pulmonary, Critical Care & Sleep Medi-  
cine, Saint Louis University School of Medicine

Dr. Mark Wencel, MD  
Pulmonary and Critical Care Medicine, Via Christi Clinic

Deb Schuessler, CRT  
Director of Respiratory Care,  
Via Christi Home Medical Services

Lela Hernandez, PharmD  
Pediatric Pharmacy Specialist, Wesley Medical Center

Dr. Paul Uhlig, MD  
Cardiothoracic Surgeon and Interprofessional Educator  
HealthSim United

Dr. Gina Berg, PhD  
Director of Trauma Research, Wesley Medical Center

Dave Hampton, MS, RRT-NPS.  
Clinical Education Specialist, ONY, Inc.

Dr. Don Vasquez, MD  
Director Trauma Surgery, Wesley Medical Center , MD

Retired USMC Lance Minor

## Acknowledgements

The KRCS wishes to extend its appreciation to the following compa-  
nies for their support of this seminar:

**American Association of Respiratory Care**  
Speaker Sponsor

**Covidien / Medtronic**  
Speaker and Vendor Exhibit Sponsor

**Fisher and Paykel**  
Sponsor Thursday morning Social Media Break

**Maquet Medical**  
Speaker Sponsor

**MGC Diagnostics**  
Speaker Sponsor

**Wesley Medical Center**  
Speaker and Student Reception Sponsor

## 2015 Board of Directors

Troy Gooch—President  
Terri Lesser—President-elect  
Josie Roach—Secretary  
Don Richards—Treasurer  
Glenn Tammen—Treasurer-elect  
Meg Trumpp—Senior Delegate  
Charity Clark—Junior Delegate  
Monica Baden—CEU Evaluator

**Trustees:**  
David Burnett  
Dan Conyers  
Jackie Harvey  
Jerry Houchin  
Kyle Weis  
Elissa Williams

## Education Committee

Monica Baden  
Damien Beilman  
Haley Busch  
Mallorey Castaneda  
Nonya Horning

Curtis Kidwell  
Diana Mark  
Jeff Suderman  
Meg Trumpp  
Bev Urmeay

The Education Committee wants to welcome you to the 38th  
Annual Education Seminar. Thank you for being here and please  
take the time to complete the survey to let us know how we did this  
year. Thank you!

## In Honor of Our Armed Forces!

The KRCS will pay respect to our American Military on Thursday with a Posting of the Colors by the Tornado Alley Young Marines. Welcome Home Flags will be placed in the Vendor Hall. Please take time to sign these as they will then be presented to our returning heroes. Thank you for helping us to honor those who have served in our armed forces!

# Entertainment

## Wednesday

### Golf Tournament

The 2015 Annual Kansas Respiratory Care Society Golf Tournament will be played at McDonald Golf Course.

**Where:** 840 N. Yale  
Wichita, KS 67037

<http://www.golfwichita.com/Pages/MacDonald.aspx>  
MacDonald Golf Course is just a few blocks NE of Wesley Medical Center. From Hillside and Central, head east on Central to Yale, turn left on Yale, go 3 blocks and the course parking lot is on your right.

**When:** 10:00 a.m. Wednesday, April 8th

**Start:** Shotgun

**Format:** 4 person scramble

**Cost:** \$50 per player (includes green fees, cart)

Advance registration is preferred by e-mail prior to Monday, April 6th [KRCSgolf@gmail.com](mailto:KRCSgolf@gmail.com).

If signing up an entire team, please include the first and last name of all competitors and include a contact phone number.

Late on-site registrations will be accepted, at \$60.00 per player.

## Wednesday Evening Student Chat

Wednesday evening begins in Ballroom F with our Student Reception / Chat Room at 6 pm. Tom Kallstrom the Executive Director and Chief Executive Officer of the American Association for Respiratory Care will address our students. How many students get to have a one-on-one with the CEO of the AARC? Please plan to attend and take advantage of the opportunity. We will have food and fun along with the conversation.

18:00-18:30 Meet and Greet—Pizza will be served.

18:30-19:00 Kyle Weis, new grad, KRCS board member, and past winner of Russ Babb Memorial Scholarship.

19:00 20:00 Tom Kallstrom CEO AARC speaks

The Russ Babb Memorial Scholarship Winner will be announced, during the reception.

Make sure you have Facebook, twitter, Instagram, Snapchat, etc. apps downloaded to your phones. **Thank you Wesley Medical Center for sponsoring this event!**

## Thursday Evening

### 16:40—18:40 Vendor Show / Chat

Join us in the Atrium and Ballroom F for 2 hours of meeting with vendors eating finger foods and winning raffle prizes. There will also be a silent auction for gift baskets with the proceeds going to help sponsor the Russ Babb Memorial Scholarship Fund and the Jeff Scobee Memorial Leadership Fund.

**Thank you Covidien / Medtronic for sponsoring this event!**

### 19:30—23:30 Social Media Blitz

Join us for an evening of camaraderie, dancing, carousing, and just fun. DJ—Drastik Sounds will be laying down tunes that cross the decades and the generations. As you have the opportunity to partake of refreshments from the cash bar and keg beer. A photo booth for Instagram / Facebook pictures will be set up bring whatever props you want.

Check out the “how to page” in your folder if you have never tweeted, IM, IG, Pinned, Stumbled, liked, YouTubed, Skyped, Linked-in, tagged or thought about using a filter. We will teach you.

## The Environment

The temperature is difficult to control. For your comfort we suggest you bring a jacket. No smoking is allowed. We request that you turn your pagers and/or cell phones to vibrate or off. This is an adult learning environment; therefore, children are not allowed at the conference.

## Accommodations

The Marriott Hotel has reserved a block of rooms for the conference at a rate of \$99.00 per night + taxes. Deadline for reservations is April 1, 2015. After this date the rooms will be released for reservations at the regular rates. RESERVE NOW! CALL 1-800-610-0673 or on-line by clicking [Book your group rate: KS Respiratory Care Society >>](#) or type the following into your browser:

[http://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkData=KS%20respiratory%20Care%20Society%5EICTWE%60KRCKRCA%6099.00%60USD%60false%604/6/15%604/10/15%604/1/15&app=resvlink&stop\\_mobi=yes](http://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkData=KS%20respiratory%20Care%20Society%5EICTWE%60KRCKRCA%6099.00%60USD%60false%604/6/15%604/10/15%604/1/15&app=resvlink&stop_mobi=yes)

## Registration and Cancellation

Advance registration is encouraged to avoid long lines at the door and to receive the early registration discount. You have the option to take advantage of our on-line registration. It is quick, easy, and worry-free. If you would rather you can fill out the registration form, print it off and send it to the address listed on the form. Advance registration must be postmarked by April 3, 2015.

A full refund will be granted to those requesting a refund prior to April 3, 2015. A cancellation received after April 3, 2015 will be subject to a \$30.00 processing fee.

The content of the conference is subject to change without notice.

## SAVE THE DATES FOR NEXT YEAR—April 7 & 8, 2016

In 2016 we will be in Manhattan, Kansas at the Hilton Garden Inn



# Kansas Respiratory Care Society

## The 38th Annual Education Seminar Registration Form

Wichita, KS

April 8, 9, & 10, 2015

Use this form if you want to register by mail. Please type the information into the form, print, and mail to the following address.

KRCS Registration Committee  
520 E. Berry  
Rose Hill, KS 67133

Registration Information			
<b>First Name:</b>			
<b>Last Name:</b>			
<b>Address:</b>			
<b>City:</b>			
<b>State:</b>			
<b>Zip Code:</b>			
<b>AARC Number:</b>			
<b>KS License Number:</b>			
<b>Place of Employment:</b>			
<b>Email Address:</b>			
<input type="checkbox"/>	Check the box at left if you are a United State Military Member (Veteran/Active/Guard/Reserve)		
<input type="checkbox"/>	Check the box at left if you would like to receive information from the KRCS by Email		
Advance Registration Prices Post Marked by April 3, 2015			
	Thursday & Friday	Thursday Only	Friday Only
<b>AARC Member—Must include AARC number</b>	<input type="checkbox"/> \$105.00	<input type="checkbox"/> \$80.00	<input type="checkbox"/> \$50.00
<b>Non-AARC Member—Price includes AARC Membership when application is completed during the seminar</b>	<input type="checkbox"/> \$195.00	<input type="checkbox"/> \$170.00	<input type="checkbox"/> \$135.00
<b>Student AARC Member—All Students <b>MUST</b> submit verification of current student status from their program director. Students are not eligible for CEU's</b>	<input type="checkbox"/> \$50.00	<input type="checkbox"/> \$45.00	<input type="checkbox"/> \$25.00
<b>Student Non-AARC Member— Price includes AARC Student Membership when application is completed during the seminar All Students <b>MUST</b> submit verification of current student status from their program director. Students are not eligible for CEU's</b>	<input type="checkbox"/> \$100.00	<input type="checkbox"/> \$ 95.00	<input type="checkbox"/> \$75.00

<b>Post April 3 Through Meeting Dates - Onsite Registration Prices</b>			
	<b>Thursday &amp; Friday</b>	<b>Thursday Only</b>	<b>Friday Only</b>
<b>AARC Member—Must include AARC number</b>	<input type="checkbox"/> \$125.00	<input type="checkbox"/> \$100.00	<input type="checkbox"/> \$70.00
<b>Non-AARC Member—Price includes AARC Membership when application is completed during the seminar</b>	<input type="checkbox"/> \$215.00	<input type="checkbox"/> \$190.00	<input type="checkbox"/> \$160.00
<b>Student AARC Member—All Students <b>MUST</b> submit verification of current student status from their program director. Students are not eligible for CEU's</b>	<input type="checkbox"/> \$70.00	<input type="checkbox"/> \$65.00	<input type="checkbox"/> \$45.00
<b>Student Non-AARC Member— Price includes AARC Student Membership when application is completed during the seminar</b> All Students <b>MUST</b> submit verification of current student status from their program director. Students are not eligible for CEU's	<input type="checkbox"/> \$120.00	<input type="checkbox"/> \$115.00	<input type="checkbox"/> \$95.00
<b>Method of Payment</b>			
<b>We cannot process credit card payment with this form. If you wish to pay by credit card we recommend using our on-line registration form with PayPal.</b>			
<b>If you prefer not to pay with PayPal we can accept credit cards onsite with our secure tablet/smart phone credit card reader. If you wish to pay by credit card at the door for your early registration, please check the box below and bring your credit card to the registration table upon checking in the first day of attendance.</b>			
<b>(Check this box if you have registered early but wish to pay by credit card at the door)</b> <input type="checkbox"/>			
<b>Failure to provide the credit card upon check in will result in your CEUs being prorated until payment is made. Unfortunately there are no exceptions. Thanks!</b>			
<b>Check Payment—\$30.00 Service Charge For All Returned Checks</b>			<input type="checkbox"/>
<b>Check Number:</b>			

Four ways to pay:

- 1 PayPal with early on-line registration
- 2 By Check and snail mail with registration form
- 3 By Credit Card at the door with early snail mail registration form
- 4 Walk in registration with cash, check, or credit card at the higher registration rate