CONFERENCE AGENDA
Visit www.michiganrc.org for more information

DO NOT MISS!
- Non Invasive Hands-on Workshop
- Lives Touched by Organ Donation
- Sputum Bowl
- Visit with Exhibitors - What's New in RT?
- Poster Presentations
- Infection Control
- Gold Standards
- Are you Clinically Smarter than an Educator? Prove It!

JOIN US! This conference will address critical issues facing today's respiratory therapists. You do not want to miss our pre-conference non-invasive hands-on workshop, keynote address on lives touched by organ donation, hookah and e-cigarettes, rules and pitfalls of social media, Sputum Bowl, and SO MUCH MORE! Pair this practical, job enhancing information with the amenities of downtown Grand Rapids and you have a winning experience!

SUNDAY, APRIL 12
7:00 pm | Sputum Bowl Practice
Optional, but worth it! Where you can check out the competition and shake off those nerves. Practice makes perfect!

MONDAY, APRIL 13
9:00 am | Sputum Bowl Registration and Captain's Meeting | Sputum Prelims Begin
What is Sputum Bowl? It’s 2-day, fun-filled, action-packed quiz bowl with questions related to Respiratory Therapy! Ten minute matches with questions like “Name that disease/drug/device”, “Calculate This”, “Interpret This”. Come join the fun! See the website or MSRC Upcoming Events email for further information.

12:00 –5:00 pm | Non-Invasive Ventilation Pre-Conference Workshop
Register early to reserve your spot for the 4.0 CEU NIV workshop. This workshop will consist of lecture and hands on presentations on using all ventilation devices non-invasively for the adult, pediatric, and neonatal patients. Learn about the latest topics and techniques that will benefit your NIV or pending respiratory failure patients.

5:00 – 6:30 pm | House of Representatives Meeting
ALL are welcome! Bring your questions and concerns to the MSRC leadership. Come and see what MSRC is all about.

Exhibitor Roundtables will be available! More information coming soon!
## Tuesday, April 14

All lectures are pending with the AARC for CEU.

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<td>7:00 – 8:00 am</td>
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<td>7:45 – 8:45 am</td>
<td><strong>PRESIDENTIAL ADDRESS</strong>&lt;br&gt;Ric Niemer, RRT, BBA&lt;br&gt;There will be a discussion regarding ongoing projects that are currently underway and their impact on the therapist of today and tomorrow. Attendees will also be updated on current legislative initiatives that are taking place on both the regional and national front regarding the profession of respiratory care.</td>
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<td>9:00 – 10:00 am</td>
<td><strong>Keynote Address: Lives Touched by Organ Donation</strong>&lt;br&gt;Kathleen Vogelsang and Carol Cerny&lt;br&gt;Listen to heartfelt personal reflections on organ donation and organ transplantation and what it really means to truly give and receive the ultimate “Gift of Life”.</td>
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<td>10:00 – 10:30 am</td>
<td>Open Exhibit Hall&lt;br&gt;Break and Visit Exhibitors</td>
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<td>10:30 – 11:30 am</td>
<td><strong>Thoracic Trauma Review: From Basic Care to Advanced Procedures, What You Need to Know</strong>&lt;br&gt;Scott Davidson, MD, FACS&lt;br&gt;This presentation will focus on the pathophysiology of both blunt and penetrating injuries, the most common types of thoracic trauma. Examples of the different traumas will be discussed in detail along with the procedural and surgical interventions available. The learner will be able to recognize and help treat life-threatening chest emergencies upon arrival in the emergency room.</td>
<td><strong>The Respiratory Therapist as Disease Manager</strong>&lt;br&gt;Bill Pruitt, FAARC&lt;br&gt;This lecture will focus on new career opportunity for RTs working as case managers for obstructive disease management. There will be practical tips on how this can be accomplished and link to cases where this is happening AND bringing about very successful outcomes.</td>
<td><strong>Privacy, Compliance &amp; Social Media: Rules to Follow and Pitfalls to Avoid</strong>&lt;br&gt;Leah Voigt, JD, MPH&lt;br&gt;This session will focus on the potential value and risks associated with health care providers’ use of social media.</td>
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<td>11:30 am – 12:30 pm</td>
<td><strong>Advanced Blood Gases Interpretation</strong>&lt;br&gt;Jeff Wilt&lt;br&gt;The student and advanced therapist will benefit from first a review of basic blood gas interpretation, including acid/base balance. The lecture will then segue into secondary and tertiary acid/base disorders based on their primary diagnosis. Acid/base disorders will then be associated to electrolyte balance, BUN and blood glucose levels.</td>
<td><strong>Hookah, E-cigarettes and Medical Marijuana: What are the Ethical/Health Issues</strong>&lt;br&gt;Bill Pruitt, FAARC&lt;br&gt;Hookah, e cigarettes, and medical marijuana have been in the headlines in recent times and each carries implications of ethical and health issues. This talk will explain these implications and issues in a fun and informative way, while bringing some new perspective on what we may see in the future.</td>
<td><strong>Eliminating Code Blues on the General Care Floor</strong>&lt;br&gt;Donna Steckel&lt;br&gt;This lecture will discuss different protocols, how they have assisted some institutions to eliminate Codes from their General Care Floor, and how therapist can be a key player in making those changes.</td>
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<td>12:30 – 1:30 pm</td>
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**Tuesday, April 14 continued**

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| 1:30 – 2:30 pm | New Concepts in Management of the Artificial Airway  
*Brad Vazales, MD, FACS, FACC*  
This session will identify and present the currently accepted standard of care practices for management of the artificial airway, discuss the inadequacies of these practices, and offer evidence as to how alternative strategies can both improve patient outcome and decrease hospital cost. | HEY! Check These Out: Poster Presentations  
*Val Stevenson, RRT, BAS*  
During this session we will identify projects that can be done and describe the process of developing a poster (research) | The Safety Culture Journey and the Role of Clinical Specialties  
*Karin Markey*  
An overview of the safety culture journey at Spectrum Health and how respiratory therapists and clinical specialists have contributed to the transformation taking place. |
| 2:30 – 3:30 pm | Heated High Flow from Hospital to Home  
*Clemmis Futrell, BS, RRT*  
Discuss the features & benefits of HHFNC and what it can provide to a patient. Looking at early Intervention with HHFNC and how this may affect a patient’s LOS and may prevent escalation in Acuity. | Ouch! That Mask Left a Mark on My Face!  
*Heather Bates, BSN, RN, CWOCN*  
Participants will identify the reasons why NIV mask sizing and fit are extremely important. Ms. Bates will assist the bedside practitioner with the recognition of problems that may affect the proper mask usage, and how to implement the correct action for successful NIV. | Whose EMR is it Anyway?  
*Gregg Malone, CRT*  
Discussion will include tips to prepare staff therapists for ongoing EMR changes and how therapists may advocate for their department. |
| 3:30 am – 4:00 pm | Break and Visit Exhibitors | | |
| 4:00 – 5:00 pm | Keynote Address: The Affordable Care Act and Its Impact on YOU!  
*Doug Laher, MBA, RRT, FAARC*  
Mr. Laher is the Associate Executive Director of the American Association for Respiratory Care. He will help the bedside clinician understand the reason and purpose of the Affordable Care Act (ACA) and methods in which RTs can add value to our departments with a variety of untraditional roles. The impact of the ACA on our profession now and in the future will be discussed. | | |
| 7:00 pm | Sputum Bowl Finals | | |
### Wednesday, April 15

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| 7:45 – 8:45 am               | HOT TOPICS in Infection Prevention Control: Ebola/MRSA/ Common Canister  
Russ Olmsted, MPH, CIC  
Discussion to include information on newly-emergent or re-emergent communicable diseases and the strategies to protect Respiratory Care professionals from exposure to these diseases. Common canister use and the steps to safely expand this process which may reduce medication costs and at the same time avoid cross contamination will be described and discussed. |                |         |
| 8:45 – 9:15 am               | Break and Visit Exhibitors |                |         |
| 9:15 – 10:00 am              | Updates on the Care of Adult Cystic Fibrosis Patients  
MaryKay Lehman, MD  
Improvements and techniques that have changed throughout the years in the care of the adult CF patient. | Back to Basics Perfecta— ABG's, PFT's, EKG's and CXR's, Part 1  
Rick Zahodnic, PhD, RRT-NPS, RPFT, AE-C  
ABGs: This presentation will review the process of classification of arterial blood gas samples as well as providing a strategy to identify multiple acid-base disturbances.  
CXR's: This presentation will review a standardized approach to the interpretation of chest x-rays.  
EKGs: This presentation will review commonly found dysrhythmias and interpretation of a 12-lead ECG.  
PFT's: This presentation will review interpretation of Pulmonary Function Tests. | Really Sick Babies Can Become Fabulous Kids!  
Dr. Kim Tekkanat  
A review of some of the major respiratory problems facing babies in the NICU and the therapies used to combat these problems. The presentation will also have a happy side as it will show how some of the sickest NICU babies grow into amazing fabulous kids. |
| 10:00 am – 10:45 am          | New Treatment Options for Interstitial Pulmonary Fibrosis  
Michelle Shah  
A review of the pathology of IPF along with the presentation of current therapies available and the impact on patient outcomes. | Gizmos and Gadgets  
Michelle England, BS, RRT and Jeanine Steinaway, BS, RRT, CPFT  
See the latest and greatest equipment thingamajigs that may help make the therapist's job easier. Hands on open Q and A session for everyone!! Students will appreciate seeing a wide variety of never-seen-before items and seasoned therapists will appreciate the reviews and recommendations of what works and what doesn't!! | HOT TOPICS in Pediatric Trauma  
Todd Nickoles, RN  
Current trends in pediatric trauma management and prevention, noting the current status of trauma systems in our great state! |
| 10:45 – 11:15 am             | Break and Visit Exhibitors |                |         |

Exhibitor Roundtables will be available!  
More information coming soon!
## Wednesday, April 15 (continued)

**All lectures are pending with the AARC for CEU.**

### TRACK ACUTE CARE | BACK TO BASICS | NEOPEDS

| 11:15 am – 12:15 pm | Current uses of Exhaled CO₂<br>Ric Niemer, RRT, BBA<br>Current trends and directions of ETCO₂ monitoring in critical care and on the general care floor. | Back to Basics Perfecta — ABG’s, PFT’s, EKG’s and CXR’s, Part 2<br>Rick Zahodnic, PhD, RRT-NPS, RPFT, AE-C<br>ABGs: This presentation will review the process of classification of arterial blood gas samples as well as providing a strategy to identify multiple acid-base disturbances. CXRs: This presentation will review a standardized approach to the interpretation of chest X-rays. EKGs: This presentation will review commonly found dysrhythmias and interpretation of a 12-lead ECG. PFTs: This presentation will review interpretation of Pulmonary Function Tests. | ECMO/Patient Data<br>Children’s Hospital<br>Matt Gelmini<br>An intensive review of the types of ECMO therapy available and the patient population served. The preparation RT’s must make when transferring a patient to an ECMO institution and the discussion of the benefits an success rates of ECMO. |

| 12:15 – 1:30 pm | Lunch on your own<br>Exhibit Hall will be open to visit exhibitors | | |

| 1:30 – 2:30 pm | As the World Turns: Re-Examining the Role for Prone Ventilation<br>Gregory Neagos, MD, FCCP<br>A review of the most recent data on the role for prone positioning in the management of patients with ARDS, including current recommendations for day to day practice. | The Team Approach to Decannulation<br>Linda Dean, RRT<br>The RT plays an integral role in tracheostomy tube decannulation. You will be provided with evidence-based research regarding cuff deflation and use of a one-way speaking valve for successful decannulation as well as sample tracheostomy weaning protocol. | Pediatric Asthma: The Continuum of Care From the ED to Discharge<br>Dr. James Van Beynen<br>Therapists will learn about pediatric asthma treatment options from admission to the ED and the progression of improvement to a normal baseline status. The importance of establishing and following an Asthma Action Plan will be presented along with a discussion on intermittent vs. continuous nebulized bronchodilator therapy. |

| 2:30 – 3:30 pm | RT Gold Standards: What Do You Know?<br>Steve Hamick, BIS, RCP, RRT<br>Review of COPD pathology with GOLD Guidelines in treating exacerbations, using GOLD guidelines to create Respiratory Care COPD care plans, and care plan implementation to reduce hospital length of stay and costs. | Yes You Can! Cardiopulmonary Rehabilitations of the Tracheostomy and Ventilator Patient<br>Linda Dean, RRT<br>A focus of this presentation will be the relationship between breath control, posture and trunk strength and how this relationship can be compromised in the tracheostomy patient. | Management of the Bronchiolitis Patient<br>Dr. Tony Oliverio<br>Key changes in the American Academy of Pediatrics Clinical Practice Guidelines in the treatment of bronchiolitis will be discussed along with the appropriate interventions (including HFNC) for the bronchiolitis patient. |

| 3:30 – 4:30 pm | Are you Clinically Smarter Than an Educator? Prove It!: Interactive Case Studies<br>Rod Albrecht, MA, CPFT, RRT and Al Moss, MA, RRT<br>A number of clinical based problems will be presented; participants will use an audience response system to make suggestions on data collection and solutions to clinical problems. | | Exhibitor Roundtables will be available! More information coming soon! |