

Michigan Society for Respiratory Care (MSRC)



DISTRICT 10

and

Macomb Community College
PRESENTS...




AARC Current Topics in Respiratory Care 2017


All Healthcare Providers Welcome

The AARC's Current Topics in Respiratory Care series (previously Professor's Rounds) has consistently presented the most current information available to improve the knowledge and skills of respiratory therapists and other healthcare providers. This cost-effective approach of providing continuing education has an outstanding lineup of topics presented by internationally recognized experts in 2017.


Earn up to 8 CRCE Credits. 1 CRCE Credit approved for each program.

Program 1	Noninvasive Respiratory Support		
Wednesday, May 10, 2017 1:30 – 3:30 pm		Host: St. John Macomb-Oakland Hospital – Warren Campus Sponsor: St. John Macomb-Oakland Hospital	Classroom 255 located on the second floor of the West Tower.


In recent years there has been much interest in noninvasive therapies for patients with acute respiratory failure. These include noninvasive ventilation, continuous positive airway pressure, and high flow nasal cannula. Recent evidence and clinical experience has clarified the appropriate roles of these approaches. This presentation summarizes issues related to patient selection and clinical application of these therapies. *Lecturer: Dean Hess PhD, RRT, FAARC*

Program 2	Outcomes-Based Sleep Medicine PAP Compliance		
Wednesday, May 24, 2017 1:00 – 3:00 pm		Host: Macomb Community College Sponsor: Bio-One, Inc.	E-108 Center Campus Clinton Township, MI

PAP therapy compliance has been a hot topic for years as more insurance companies require compliance for continued therapy. How does compliance rate for your clinic and what does compliance really mean? Does being compliant improve patient outcomes? This lecture will explore the importance of PAP compliance and the implications associated with non-adherence to therapy. *Lecturer: Jessica Schweller RRT-SDS, RN, MS, CNP*






Program 3	Coordinating Spontaneous Breathing and Spontaneous Awakening		
Wednesday, June 14, 2017 1:30 – 3:30 pm		Host: St. John Macomb-Oakland Hospital – Madison Heights Campus Sponsor: St. John Macomb-Oakland Hospital	Classroom 2 2 nd Floor

Over two decades of data have demonstrated that daily spontaneous breathing trials represent the optimum method for liberating the patient from ventilation. Coordinating the SBT with a spontaneous awakening trial maximizes success and speeds ventilator termination. This lecture will discuss coordination by respiratory care and nursing to improve outcomes. *Lecturer: Rich Kallet MS, RRT, FAARC*

Program 4	COPD Case Management By Respiratory Therapists		
Wednesday, July 5, 2017 1:30 – 3:30 pm		Host: St. John Macomb-Oakland Hospital – Warren Campus Sponsor: St. John Macomb-Oakland Hospital	Classroom 255 located on the second floor of the West Tower.

This lecture will give you a look at what RT COPD case managers at UC Davis have been doing to improve patient education and facilitate health care navigation and utilization to achieve better outcomes and cost savings. A review of the COPD case management program including education, medication and treatment recommendations, and follow-up after discharge, along with four year data on readmission rates and cost savings will be presented. *Lecturer: Krystal Craddock BSRC, RRT-NPS, CCM*
Supported with an educational grant from:



Program 5	Capnography in the Neonatal-Pediatric Population		
Wednesday, August 23, 2017 1:00 – 3:00 pm		Host: Beaumont Hospital – Dearborn Sponsor: Fitzsimmons Hospital Services	Kalman Auditorium
Often the forgotten vital sign, capnography can have a valuable role in the respiratory monitoring of the neonatal and pediatric population. This presentation will review the concepts of time and volume-based capnography and discuss potential clinical applications. Available data supporting the use of capnography will be reviewed. <i>Lecturer: Craig Smallwood BS, RRT</i>			
Program 6	The Future of Mechanical Ventilation for ARDS		
Wednesday, September 6, 2017 2:00 – 3:30 pm		Host: Beaumont Health - Troy Sponsor: Respiratory Therapy Department –BH-Troy	Lower Level Maibach B classroom
After nearly 50 years of research, mechanical ventilation remains the cornerstone of management for patients with ARDS. However, one of the most important advances in that time is the understanding that mechanical ventilation, in and of itself, can cause and potentiate lung injury. Lung protective ventilation with lower tidal volumes and airway pressures represent the standard of care in 2016. Unfortunately, mortality and morbidity from ARDS remain unacceptably high – can we do better? In this presentation, the presenter will briefly review the current evidence for lung protective ventilation, recent epidemiological evidence regarding its use, and forthcoming evidence-based guidelines. From there, the presenter will examine current and ongoing basic, physiological, and clinical research that may shape the future of ventilatory management for ARDS. <i>Lecturer: Eddy Fan MD, PhD, FAARC, FCCM</i> <i>Supported with an educational grant from:</i> 			
Program 7	ECMO: Who Would Ever Have Imagined?		
Wednesday, October 11, 2017 1:00 – 3:00 pm		Host: Macomb Community College Sponsor: Bio-One, Inc.	E-108 Center Campus Clinton Township, MI
The technologic and management aspects of extracorporeal life support (ECLS), including extracorporeal membrane oxygenation (ECMO), have advanced more in the past five years than any other aspect of critical care medicine. ECLS devices are smaller, simpler, and safer than just a few years ago. The application of this technology has led to these critically ill patients being maintained awake and, in some circumstances, even ambulatory. This presentation will provide an overview of the history of ECLS and ECMO, discuss the current state of the field, and explore the potential future applications of this life-saving technology. <i>Lecturer: Ira M Cheifetz MD, FAARC, FCCM</i>			
Program 8	Pulmonary Rehabilitation: Where We've Succeeded and Where We've Failed		
Wednesday, November 15, 2017 1:00 – 3:00 pm		Host: Macomb Community College Sponsor: Hill-Rom	E-108 Center Campus Clinton Township, MI
Pulmonary rehabilitation is of unquestioned benefit to COPD patients. The scientific basis of this therapy is firmly established. Yet it is available to a very small fraction of those who would benefit from it. In the cases of smoking cessation and inhaled bronchodilators, forces have been brought to bear to impact the vast majority of COPD patients. This lecture will examine the reasons for this discrepancy and suggest a way forward. <i>Lecturer: Richard Casaburi MD, MEngr, PhD</i>			