The purpose of this two day seminar is to provide information on select aspects of respiratory care to practitioners in a variety of health care settings. Participants may attend one or both days of the program.

Objectives
Upon completion of this seminar, the participants will be able to:

1. Define the challenges of providing care for patients with Chronic Obstructive Pulmonary Disease (COPD); discuss initiatives focusing on COPD education; define the components of COPD education.
2. Discuss the history of Hyperbaric Oxygen (HBO); discuss evolution of HBO and treatment protocols presently utilized; describe the future of HBO medicine and its possible uses in treating traumatic brain injury.
3. Identify when continuous positive airway pressure (CPAP) may not be the device of choice; recognize different uses and indications for Bi-level and when Servo ventilation is a viable option.
4. Identify key concepts related to ECMO and respiratory therapy's role in managing these complex patients.
5. Discus the goals of airway clearance therapy; review normal and abnormal airway clearance.
6. Define the challenges of providing care for patients with COPD; discuss initiatives related to COPD education; define the components of COPD education.
7. Discuss applications for use and components of flexible bronchoscopy.
8. Describe how perinatal and pediatric palliative care teams help families of children with serious illness by alleviating suffering, supporting quality of life, improving communication, and supporting decision-making.
9. Discuss challenges patients and healthcare professionals have with COPD medications; define the different classifications of bronchodilators (LABA, LAMA, SABA, SAMA, etc.); demonstrate inhaler delivery technique.
10. Discuss home sleep apnea testing at University of Iowa Hospitals & Clinics.

Acknowledgements
We gratefully acknowledge the generous support of this seminar from vendor exhibitors. Determination of educational content for this program and the selection of speakers are responsibilities of the program director and planning committee. Firms providing financial support did not have input in these areas.

Electronic version of seminar information including handouts for printing will be available at:
http://www.healthcare.uiowa.edu/training/cuihc500/product ion/Seminar/Brochure.html

Disclosure Policy: Everyone in a position to control the content of this educational activity will disclose to the CE provider and to attendees all relevant financial relationships with any commercial interest. They will also disclose if any pharmaceuticals or medical procedures and devices discussed are investigational or unapproved for use by the U.S. Food and Drug Administration (FDA).

Kimberly M. Baker-El Abiad, MD Director of Adult Bronchoscopy and Special Procedures, Clinical Assistant Professor of Internal Medicine – Pulmonary, Critical Care and Occupational Medicine
Rebecca J. Benson, MD, PhD Medical Director, Pediatric Palliative Care Program, Director, Ethics Consult Service, Clinical Assistant Professor of Pediatrics – General Pediatrics and Adolescent Medicine, University of Iowa Stead Family Children’s Hospital
Kevin C. Doerschug, MD, MS, Clinical Professor of Internal Medicine, Pulmonary, Critical Care and Occupational Medicine
Ryan Frede, RRT, NPS, Core ECMO Specialist, Staff Respiratory Therapist, Department of Respiratory Care
Krystal Fedoris, BA, RRT, NPS, COPD Educator, Senior Staff Therapist, Clinical Division, Department of Respiratory Care
Gary Hamilton, BS, RRT, Clinical Specialist, ResMed
Wendy Happel, RRT, COPD Educator, Staff Therapist, Pulmonary Diagnostics Division, Department of Respiratory Care
Mike Holder, BS, RRT, CHT, Safety Director, Hyperbaric Medicine Service, Department of Respiratory Care
Lisa R Mertens, ARNP, RRT, Nurse Practitioner, Sleep Clinic at UI Health Care – Iowa River Landing, Department of Neurology
Nicholas M. Mohr, MD, MS, Associate Professor of Emergency Medicine and Anesthesia Critical Care, University of Iowa Carver College of Medicine
Danette Short, RRT, AE-C, Field Clinical Specialist, RespTech
Becky Skinner, RRT-ACCS, CHT, MBA, Manager, Pulmonary Diagnostics & Hyperbaric Medicine, Department of Respiratory Care

Faculty are University of Iowa Health Care staff unless otherwise noted.

38th Annual Respiratory Care Seminar
Radisson Hotel & Conference Center
1220 1st Ave.
Coralville IA 52241

Thursday, October 18, 2018
7:30 am Registration/Continental Breakfast
8:00 Welcome/Introductions – Lu Wilford
8:15 Asynchrony – K Doerschug
9:15 Hyperbaric Oxygen(HBO) Past, present and future and the Hyperbaric Oxygen Brain Injury Treatment (HOBIT) study – M Holder and N Mohr
10:15 Break
11:30 Lunch/Vendor Exhibits
1:00 pm Principles of Extracorporeal Membrane Oxygenation (ECMO) Physiology and Methodology: Respiratory Therapy’s Role in Extracorporeal Life Support (ECLS) Patient Management – R Frede
2:00 Airway Clearance – D Short
3:00 Adjourn, Program Evaluation and CEU Recording

Friday, October 19, 2018
7:30 am Registration/Continental Breakfast
8:00 Welcome/Introductions – Lu Wilford
8:15 Respiratory Therapists as COPD Educators – B Skinner
9:15 Flexible Bronchoscopy: More than Just a Diagnostic Tool – K Baker-El Abiad
10:15 Break
10:30 Perinatal and Pediatric Palliative Care: Supporting Children and Families Facing Serious Illness - R Benson
11:30 Lunch
12:30 pm COPD Bronchodilator Devices and Demonstration - K Fedoris and W Happel
1:30 Update in Diagnosis of Obstructive Sleep Apnea (OSA) at UIHC: Home Sleep Apnea Testing – L Mertens
2:30 Adjourn, Program Evaluation and CEU Recording

As a courtesy to attendees and speakers, please set electronic items to vibrate, mute or turn off.

2019 UI Respiratory Care Seminar will be October 17-18, 2019 at the Radisson Hotel and Conference Center
General Information

For questions regarding this conference, call University of Iowa Hospitals and Clinics, Department of Respiratory Care at (319) 356-3474.


Standard Registration Deadline is October 12, 2018.

On-site registration for all categories will be an additional $20.

Fee includes: tuition, certificate of attendance, handouts are going green and will be available for self-printing prior to seminar, from web link, continental breakfast, lunch and breaks. Refund: There is a $50 handling fee for cancellations received by October 1, 2018. No refunds will be made thereafter. Registration can be transferred to another person.


Room Reservations: Call the Radisson Hotel directly at 319-351-5049 and ask for the UIHC Respiratory Care block by September 21, 2018 to ensure availability and the discounted rate. Room rate is $96 per night plus local and occupancy taxes.

Respiratory Care: It is the licensee’s responsibility to determine if the continuing education programs they attend meet the requirements of their professional licensure board. Full time attendance will award 10.0 contact hours for both days or 5.0 contact hours for either day.

Nursing Credits 10.0 contact hours (5.0 contact hours, Thursday & 5.0 contact hours, Friday) will be granted by UIHC Department of Nursing, IBN approved provider #34.

Questions concerning nursing credits should be directed to the Nursing Clinical Education Center at (319) 356-1238.

Bring a sweater, a jacket or dress in layers, as room temperatures vary and individual preferences differ.

Planning Committee: Frances Cramer; Eric Endahl, BS, RRT-Kuhn, BS RRT-NPS; Dawn Huff, RRT, MBA; Jacque Kelchen, BS, RRT; Justin Tom Recker, RRT; Becky Skinner, MBA, RRT-ACCS; Lu Wilford, BS; Liz Yakish, BS

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38th Annual Respiratory Care Seminar

Thursday and Friday, October 18-19, 2018

Registration Form

Personal Identifier: The UI requests this information for the sole purpose of processing your registration.

Birth Month/Day ____________________________

Last 4 digits of SSN ____________________________

Name: ____________________________________________

Home Phone Number: _______________________________

License Number: ___________________________________

Employer: _________________________________________

E-mail Address: ___________________________________

☐ Send future brochures to my e-mail address

Please check the appropriate box.

Professional Fees:

Entire Seminar 10/18&10/19/2018

☐ $150 ($70 if postmarked after 9/5/2018)

☐ $85 ($105 if postmarked after 9/5/2018)

☐ $85 ($105 if postmarked after 9/5/2018)

RT Student Fee: (no certificate of attendance issued)

Entire Seminar 10/18&10/19/2018

☐ $75 ($85 if postmarked after 9/5/2018)

☐ $55 ($65 if postmarked after 9/5/2018)

☐ $55 ($65 if postmarked after 9/5/2018)

Make Check Payable To: UI Respiratory Care Seminar

Mail Form & Fee to: UI Respiratory Care Seminar 200 Hawkins Drive Iowa City, IA 52242-1009

Note: Attendance fees must be received by the conference opening. Your company check must be received by October 12, 2018 or you may make a personal payment.