| **MSRC 2022 Fall Conference**  **List of Session Descriptions and Objectives** | | | |
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| **Day/Time** | **Track** | **Presentation** | **Objectives** |
| **Monday, October 3**  **8:00 a.m. - 8:15 a.m.** | PLENARY | **President's Address**  Jonathan Vono, RRT, MSRC President | Update on MSRC activities |
| **Monday, October 3**  **1:00 p.m. - 2:00 p.m.** | Acute Care | **Documentation Considerations**  Chrisitine Carroll, BSN, RN, CPHRM | 1. Identify the purpose of a medical record  2. Learn documentation dos and don'ts 3. Identify what plaintiff attorneys look for in documentation |
| **Monday, October 3**  **1:00 p.m. - 2:00 p.m.** | Student | **Pig Heart Dissection Lab - Part 1**  Bonnie Boggs, BS, RRT  Live dissection lab | Identify normal external anatomy of the heart and lungs of a pig specimen; Using hospital equipment, intubate, inflate, and observe appearance of the lung as it is mechanically inflated, and the phenomenon of its elastic properties with passive exhalation; Dissect the lung and heart to reveal their internal structures; Discuss various common cardiopulmonary diseases such as asthma, COPD, pneumonia, ARDS, premature birth, myocardial infarction, valve replacement, CHF, the effect that disease in the heart has on the lungs, and the effect that lung disease has on the heart; Discuss the effects of smoking, vaping and other risk behaviors affecting the cardiopulmonary system. |
| **Monday, October 3**  **1:00 p.m. - 2:00 p.m.** | Sleep/Home Care | **The Power of a Mentor**  Mark Adams RRT  Professional mentorship in the post acute care setting. | 1. Personal mentorship  2. professional mentorship  3. mentee to mentor |
| **Monday, October 3**  **1:00 p.m. - 2:00 p.m.** | Pulmonary Rehabilitation | **Time to get out of the basement: How to Grow Your Rehab Program Through Innovation**  Barbara Fagan, MS, MAACVPR, Chief Change Officer/Business Development Chanl Health  Attendees will be able to grow their mindset with cardiopulmonary rehab treatment. This presentation will discuss the pitfalls of traditional, clinic based CRPR and how a virtual remote option can optimize participation and improve clinical outcomes. Current delivery models will be discussed that enable programs to deliver efficient and effective solutions through innovative technology | Attendee will be able to:  1) Articulate why an alternative delivery model is needed to increase enrollment.  2) Be aware of the different models currently being implemented.  3) Be able to demonstrate a positive financial option to administration without current or increased reimbursement. |
| **Monday, October 3**  **10:45 a.m. - 11:45 a.m.** | Acute Care/Pulm Rehab/LT/Sleep | **Post-COVID Pulmonary Complications and Outcomes with Pulmonary Rehab**  Heather L Osborn-Heaford, MD  Overview of complications of COVID-19 relevant to Pulmonary Rehab with comparison from earlier variants / pre-vaccine and more recent (Delta/Omicron / post-vaccine). Example case presentations from our hospitals. Rehab outcomes for our patients. Relevant literature. | 1. Review/discuss pulmonary complications of COVID-19 and present relevant case examples  2. Evaluate outcomes of pulmonary rehab in this patient population  3. Goals/changes for future patients |
| **Monday, October 3**  **10:45 a.m. - 11:45 a.m.** | Student | **Test Taking Tips: It Is More Than Studying and Interviewing Tips: Putting Your Best Foot Forward**  Richard Zahodnic PhD RRT-NPS RPFT  Session 1: This session will describe how to improve your scores on exams during school and will have an added emphasis on passing NBRC exams.  Session 2: This session will examine the interview/hiring process and provide tips for doing well on your next job interview. | SESSION 1: At the conclusion of this presentation the learner will: (1). Describe how distractors can be identified and eliminated from the decision making process. (2) Differentiate between the types of NBRC questions and provide strategies for preparing for them. (3) Describe the content on the new Therapist Multiple Choice Exam and explain how it will be administered.  SESSION 2: At the conclusion of this presentation the learner will: (1) Provide three tips to prepare for a job interview. (2) Describe the components of a situational interview. (3) Describe the key components of a resume and list traits that will increase the probability of yours being read. |
| **Monday, October 3**  **2:00 p.m. - 3:00 p.m.** | Acute Care | **Beyond Burnout to Well-Being**  Sandy Goel, PharmD  This presentation will provide an overview of burnout and strategies leaders, organizations and individuals can use to move beyond burnout to well-being in the workplace. | 1) Understand burnout and well-being terms and concepts  2) Connect to effective well-being communications  3) Identify well-being strategies and resources |
| **Monday, October 3**  **2:00 p.m. - 3:00 p.m.** | Pulmonary Rehabilitation | **Cardiopulmonary Rehab Open Forum Expert Discussion with Barbra Fagan and Susan Flack**  Barbara Fagan, MS, MAACVPR, Chief Change Officer/Business Development Chanl Health  Susan Flack RN, MS, Manager Cardiac / Pulmonary Rehabilitation  Ask questions and have real-time answers by the experts. Barbra Fagan and Susan Flack will explain, review, and clarify the cardiopulmonary rehab facts. | Understand   1. Medicare & billing questions 2. Program management questions 3. Program format: Center based, Asynchronous, and Synchronous patient visits. |
| **Monday, October 3**  **2:00 p.m. - 3:00 p.m.** | Student | **Pig Heart Dissection Lab - Part 2**  Bonnie Boggs, BS, RRT  Live dissection lab | Identify normal external anatomy of the heart and lungs of a pig specimen; Using hospital equipment, intubate, inflate, and observe appearance of the lung as it is mechanically inflated, and the phenomenon of its elastic properties with passive exhalation; Dissect the lung and heart to reveal their internal structures; Discuss various common cardiopulmonary diseases such as asthma, COPD, pneumonia, ARDS, premature birth, myocardial infarction, valve replacement, CHF, the effect that disease in the heart has on the lungs, and the effect that lung disease has on the heart; Discuss the effects of smoking, vaping and other risk behaviors affecting the cardiopulmonary system. |
| **Monday, October 3**  **2:00 p.m. - 3:00 p.m.** | Sleep/Home Care | **Sleep Apnea & the Respiratory Therapist Role in the Home**  Boone Lockard, CRT  Sleep Apnea & the Role of Respiratory Therapist in the Home | Review the importance of screening and diagnosis of sleep apnea.  Identify different ways to care for a sleep apnea patient in the home.  Discuss the opportunities that Respiratory Therapist have outside the acute care setting.  Explain the impact that Respiratory Therapist have in the home. |
| **Monday, October 3**  **8:15 a.m. - 9:15 a.m.** | PLENARY | **Implicit Bias, Being Aware and Creating a Culture of Inclusion**  Angelic Boyer  Implicit Bias: Being aware and creating a culture of inclusion presentation will discuss the following topics:  What is implicit bias and how to identify it  Develop strategies to challenging your own assumptions  What are microaggressions and microinclusions  Creating a culture of inclusion  Putting it all together - Leadership strategies | Learn about implicit/unconscious bias and develop strategies to challenge your own assumptions  Learn about micro-aggressions and micro-inclusions  Create a culture of inclusion for yourself and for leaders |
| **Monday, October 3**  **9:15 a.m. - 10:15 a.m.** | PLENARY | **Current Topics in Nontuberculous Mycobacteria (NTM) Lung Disease**  Elliott Dasenbrook, MD  Current Topics in Nontuberculous Mycobacteria (NTM) Lung Disease | Understand NTM lung disease.  Recognize and diagnose NTM lung disease. Initiating therapy for NTM lung disease |
| **Tuesday, October 4**  **1:00 p.m. - 2:00 p.m.** | NeoPeds | **Graphic Waveform Interpretation**  Michael Fischer RRT  This presentation will go over some basics of graphic waveforms and how to use them to personalize ventilator settings to achieve better patient outcomes. | 1) Understand the importance of waveform interpretation.  2) Recognize abnormal waveforms both on the inspiratory and expiratory phases of ventilation.  3) Understand how to enhance ventilator settings to correct the waveform abnormalities. |
| **Tuesday, October 4**  **1:00 p.m. - 2:00 p.m.** | Acute Care | **Mechanical ventilation in severe brain injury**  Krishna Rajajee, MD  This presentation will cover important questions in the use of mechanical ventilation in patients with brain injury, such as the use of positive end expiratory pressure (PEEP) and modes such as airway pressure release ventilation (APRV). It will also discuss the role of intracranial pressure and brain tissue oxygen monitoring to manage mechanical ventilation in brain injury. | 1. After participating in this session, attendees should be able to explain the role of high positive end expiratory pressure (PEEP) ventilation and modes in patient with severe brain injury.  2. After participating in this session, attendees should be able to explain the indications for brain tissue oxygen monitoring in severe brain injury.  3. After participating in this session, attendees should be able to discuss the use of brain tissue oxygen monitoring to manage mechanical ventilation in severe brain injury. |
| **Tuesday, October 4**  **1:00 p.m. - 2:00 p.m.** | Diagnostics | **Spirometry 2019 - Updating Practice to the Current Standards**  Susan Blonshine RRT, RPFT, AE-C, FAARC  ATS/ERS Spirometry standards were updated in 2019. The presentation will focus on the primary changes including the impact on both testing practices and quality of data. | The attendees will describe 1. equipment quality control requirements 2. phases of the spirometry testing process 3. evaluation of test quality and grading process. |
| **Tuesday, October 4**  **10:45 a.m. - 11:45 a.m.** | Diagnostics | **Interpretation of Pulmonary Function Testing: Updates and Challenges**  Julia Becker, MD  Na  This presentation provides a review of the updated 2021 ERS/ATS guidelines for interpretation of pulmonary function testing, and ongoing challenges and unanswered questions in interpreting tests. | Understand fundamental changes in how we grade the severity of ventilatory impairments. Understand changes in how we report bronchodilator responsiveness. Describe challenges and uncertainty in how we use race in interpretation of PFT. |
| **Tuesday, October 4**  **10:45 a.m. - 11:45 a.m.** | Student | **Pig Heart Dissection Lab - Part 2**  Bonnie Boggs, BS, RRT  Live dissection lab | Identify normal external anatomy of the heart and lungs of a pig specimen; Using hospital equipment, intubate, inflate, and observe appearance of the lung as it is mechanically inflated, and the phenomenon of its elastic properties with passive exhalation; Dissect the lung and heart to reveal their internal structures; Discuss various common cardiopulmonary diseases such as asthma, COPD, pneumonia, ARDS, premature birth, myocardial infarction, valve replacement, CHF, the effect that disease in the heart has on the lungs, and the effect that lung disease has on the heart; Discuss the effects of smoking, vaping and other risk behaviors affecting the cardiopulmonary system. |
| **Tuesday, October 4**  **10:45 a.m. - 11:45 a.m.** | Acute Care | **RT Role in the Donation Process and Donor Management**  Darren Burbank RN, BSN, CPTC  This presentation will highlight the Respiratory Therapist role in furthering the the opportunity for organ donation. This will include technological advances in organ donation and transplantation. | Outline of the donation process. What RT can do to further organ donation? What advancements in technology are in practice to advance the donation opportunities? |
| **Tuesday, October 4**  **10:45 a.m. - 11:45 a.m.** | NeoPeds | **The Right Therapy at the Right Time - Pressure & Flow in the NICU**  Kelsey Shaylor  This presentation will cover the importance of using the right therapy and interface at the right time for your NICU patients through therapy mechanisms and clinical data. The presentation objectives are to identify the mechanisms of CPAP and Nasal High Flow, describe the differences in interfaces required to appropriately deliver pressure and flow, and to understand the clinical evidence supporting the use of CPAP and NHF in neonates. | 1. Identify the mechanisms of CPAP and Nasal High Flow.  2. Describe the differences in interfaces required to appropriately deliver pressure and flow.  3. Understand the clinical evidence supporting the use of CPAP and NHF in neonates. |
| **Tuesday, October 4**  **2:00 p.m. - 3:00 p.m.** | PLENARY | **Cardiopulmonary Exercise Testing: Protocols and the Normal Physiologic Responses**  Carl Mottram, RRT, RPFT, FAARC  review the different protocols available for both cycle and treadmill ergometers and which might be best to select for a given patient population. The participant will also learn the normal physiologic responses to exercise which will help them understand abnormal responses. We will then apply the learned knowledge to a case scenario to reinforce the learners understanding. | Review testing protocols and available reference sets; Describe the normal cardiac physiologic responses; Understand what defines ventilatory limitation |
| **Tuesday, October 4**  **8:00 a.m. - 9:15 a.m.** | PLENARY | **Introduction to Spiritual Care and Working with Chaplains**  Christina Wright, PhD  This session will provide an introduction to spiritual care in healthcare including an understanding of the broad nature of spirituality and spiritual care, examples of how spiritual distress presents in healthcare, the role of a chaplain, and spiritual screenings that any member of the care team will do. We will also consider some components of spiritual care that may be more common or relevant in respiratory care. | 1) a brief understanding of the nature of spirituality and spiritual care within healthcare  2) a brief understanding of the role of chaplains  3) ability to utilize spiritual screenings to assess for spiritual distress |

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| **Tuesday, October 4**  **9:15 a.m. - 10:15 a.m.** | Acute Care/NeoPeds | **Transcutaneous CO2 Monitoring for Ventilator Dependent Patients From the ICU to Outpatient Care**  Armando Kurili, BS, CRT  Registered respiratory therapist, Armando Kurili will discuss the unique adult assisted ventilation clinic at the University of Michigan, the clinical importance of carbon dioxide, and the utilization of transcutaneous monitoring for these patients across ICU, sleep and outpatient care settings. | Discuss clinical importance of carbon dioxide monitoring; Describe how transcutaneous monitoring works; Identify 3-5 use cases for transcutaneous monitoring |