



Suncoast Pulmonary Symposium -2024

General Program Objectives

1. Through direct lecture the progression of the advanced practice respiratory therapist (APRT) as a new profession will be described with a focus on both curricular development considerations for an APRT education program and the current career development progression for APRT clinical practice. Time for Q&A from the audience will be allotted at the end of the instructional hour.
2. Through direct lecture and visual presentation, the detection and management of patient Inspiratory and Expiratory Mechanical Ventilator Asynchrony will be described utilizing commonly available scalar and loop ventilator graphics will be demonstrated as an essential assessment tool for bedside management. Time for Q&A from the audience will be allotted at the end of the instructional hour.
3. Through direct lecture and Q&A session, a brief history of progression of care for the premature newborn and how the Golden Hour protocol became recognized as best practice to support these neonates will be presented. The learner will be exposed to key responsibilities for RT's during the Golden Hour will be explored with emphasis on how adherence to this protocol has had a transforming effect for the improved survival rates of newborns.
4. Through direct lecture and interactive Q & A with the audience, a short history will be presented for the evolution of treatment from rescue Beta agonists & anti-cholinergic agents to inhaled corticosteroids as a mainline treatment and management for Asthma & COPD. With the recent introduction of new inhaled corticosteroids and biologics, a new focus has emerged to understand the different phenotypes of A/W behavior in Asthma and COPD. The learner will review the current problematic formulary disconnect issue, for inpatients that were receiving these drugs as outpatients. This review will lead to a more current best practice understanding, guiding Respiratory Care pharmacology within the inpatient setting.
5. Through a two-speaker perspective, a Pro and Con presentation of the emerging role of the Respiratory Therapist, in the Free-standing Emergency Department will be presented. A subsequent interactive Panel Discussion, with three RT Managers, will describe the various Respiratory Care services delivered in the ED, safety considerations for patients and caregivers and identify the diversity of traditional and non-traditional RT roles in Free-standing ED.
6. Through lectures and animated visual presentations, the emerging role of Robotic Bronchoscopy will be presented. A practicing Pulmonology perspective will be utilized to explore this new tool for Lung Cancer screening and treatment within the peripheral lung airways, not previously accessible with a minimally invasive approach.
7. Through direct lecture and scenario demonstration, the learner will recognize high risk procedures that can lead to risk management involvement. An approach to best practice management of these situations will include specific documentation recommendations that convey information professionally as well as the development of RT procedural competency with validation documentation.



8. Through direct lecture and Q&A at the end of the hour, the learner will compare the advantages and disadvantages of inhaled anesthetics vs traditional IV sedatives. An explanation of the evolving RT role in the administration of inhaled sedation, in the ICU, will accompany a description of the technology for delivering inhaled anesthetics via mechanical ventilator as well as the safety considerations for patients and caregivers.
9. A paired presentation, by two speakers, will lecture on the current choices faced by RT managers regarding hospital reimbursement for Respiratory Care services, considering both the fee-based vs. value-based strategies. Building on this presentation a second speaker will explore strategies for effective communication with the "C"-suite. The learner will review communication strategies on how to capture the diversity respiratory therapy specialty can offer, recognize other care areas where Respiratory Care can be utilized and describe skill advancement through other education/certification programs available through advanced practice certifications.
10. Through a three-speaker panel presentation of Disease Management will utilize a discussion of three nationally recognized best practices that utilize Respiratory Therapist Navigator models. The speakers will identify emerging Respiratory Therapist roles in the post-acute settings and the impact they have on reducing unplanned acute encounters and rehospitalizations. An emphasis on the recognition of the multidisciplinary, best practice approach to home care with a Respiratory Therapist in a forefront role. Finally, the learner will gain an understanding of the Respiratory-driven, multidisciplinary, community resources for pulmonary self-management will be presented through a panel discussion and interactive Q&A, at the end of the hour.
11. Respiratory Care Practice has accepted the new "normal" surrounding the continuing impact of the pandemic on the practice and behaviors of RTs. Through a lecture presentation, the learners will develop a greater understanding of current emerging threats and be empowered to know where to find trends and up-to-date information regarding disease outbreaks. During conclusion the learner will increase their knowledge of outbreak situations and their causes.
12. Through direct lecture and Q&A the learner will become familiar with the following themes:
 - a. Current Vaping trends among e-cigarette users
 - b. Recognition of the updated demographic usage of vaping.
 - c. The EVALI/VALI epidemic and subsequent future implications.
 - d. Familiarity with the JUUL e-cigarette and why they were banned.
13. Through Lecture and Q&A session a presentation identifying recent changes for licensure and education in Florida and other States. Additionally, the learner will become familiar with the imposed credentialing limitations for who has competency for blood gas lab analysis, entry-level advancement to the Respiratory Care baccalaureate degree in Florida and the implications of the APRT as an advanced level of Practice. The future professional credentials for licensure (RRT as entry level for state licensing) and future educational preparation for Respiratory Therapists in the next decade, will be discussed with respect to both the challenges and opportunities for the RC profession.
14. Through lecture and projected illustrations, and interactive Q&A, the learner will be exposed to a comprehensive discussion of possible roles for respiratory therapists in laboratory animal medicine. An additional discussion will focus upon species-specific physiology and management of mechanically ventilated non-human subjects.