

# General Program Objectives - 2019

1. Through direct lecture, a review of the physiologic evidence for best practices in the management of the patient with neurological trauma at risk for ARDS and other critical care related complications..
2. Through direct lecture, discuss trends for visually monitoring mechanically ventilated patient. *A comparison of the emerging imaging techniques such as electrical impedance tomography (EIT) and ultrasound will be presented. This lecture will discuss these techniques and where respiratory therapists play a key role. Additionally, other speakers will address lung cancer screening utilizing the low dose CT scan.*
3. A description of emerging best practice for the education non specialty personnel in the acute care setting for cardiopulmonary resuscitation. The essential activity for BLS procedure prior to arrival the Code Blue team will be explored.
4. A comprehensive approach will be utilized to describe and compare the impact of pharmacological agents that either induce sleep or wakefulness.
5. Describe, through lecture the etiology, assessment, diagnosis, and treatment of the patient with Primary Pulmonary Arteriole Hypertension. Best practice and emerging trends for this unique population will be presented.
6. Review and discuss the impact of aerosolized components of the recent red tide algae blooms on Florida coasts. A focus on the at risk pulmonary populations that are exposed to red tide effects will be presented.
7. The Respiratory Therapist continues to be a vital factor in the management of the patient with primary and nosocomial infections. Best practices for patient management in the acute and critical care settings will be presented with a focus on evolving infectious agents and toxins.

8. Describe and compare the challenges faced by the Respiratory Therapist servicing the patients in the sub-acute care setting. Anecdotal scenarios will be used to illustrate the unique troubleshooting process for therapists working with patients in this setting.
9. A description of pediatric asthma and strategies for management, focusing upon the underserved and uninsured population of patients. An interdisciplinary approach to care will be demonstrated.
10. American healthcare is at a crossroads in the attempt to reduce cost, eliminate waste, and improve value. This broad presentation will illustrate the unique opportunity that awaits Respiratory Therapists that can expand their skillset to mitigate problems with communication, quality, and waste. This presentation will challenge the audience while suggesting a way forward. A panel discussion will enable the audience to participate in this ongoing crisis.
11. In the interest of informing and engaging RTs, the Laws and Rules segment for this year's Symposium, will employ both a panel of leaders in the Respiratory Care profession and the audience. A discussion that emphasizes Florida's role and includes the American healthcare crossroads challenge is planned. The expanding role of Respiratory Therapists in Florida will be discussed through examples of best practice contrasted with geographical differences. Florida is a bell weather state for both the evolution of healthcare delivery and Respiratory Care practice. The future professional role for Respiratory Therapists in the next decade presents both challenges and opportunities. An interactive format will be employed to engage the audience in the potential changes to the Respiratory Care profession and the attendant impacts to licensure in Florida.