

3rd International Conference on

NEUROPSYCHIATRY AND SLEEP MEDICINE

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8th International Conference on

NEUROLOGY AND BRAIN DISORDERS

September 21-22, 2018 | Philadelphia, USA

Non-invasive mechanical therapy: What is new?

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As technology advances the pulmonologist and sleep physician must adapt to newer forms of ventilation and understand and consider the options available. Our understanding of these new ventilation devices is very limited and needs to expand. Our patients are more complicated and are requiring more than just bi-level or bi-level with ST. The new forms of ventilation, i.e. AVAPS and iVAPS, will be presented in the hopes to allow for one to understand and consider these forms of ventilation in the outpatient and inpatient settings. We will go over the current Medicare guidelines to order and to qualify for these Non-invasive machines. I will review the proper documentation and testing in order to have these machines covered by insurance. I will go over some of the pitfalls of selecting settings and other areas to consider when adjusting these machines. I will go over issues of mask selection and considerations to these mask selections. I will take you through these adjustments and also provide some insight into some common issues with the machines. I will also show you monitoring methods which will allow a physician to access and make clinic decisions based on the individual machines' monitoring methods. By the end of the presentation, I hope to provide some insight and hope to expand your individual comfort with the various machines. Incorporating these new devices into our tool belt will allow us the ability to expand therapies for our patients.

Biography

Trained at University of Cincinnati for Pulmonary and Critical Care Medicine and Henry Ford Hospital in sleep medicine. Have been employed by TriHealth Inpatient Institute and Director of the Bethesda North sleep Lab. My interest lies in patient outcomes relate to OSA and also to use of NIMV in the outpatient and inpatient to improve quality of life and outcomes.

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