

One-Day Pulmonary Function Workshop: *Illinois State Society*

Agenda

Wednesday - May 29th, 2019

Time

8:00-8:15 am Welcome/Introductions

8:15-9:15 am Getting Started with the New Bronchial Challenge Guidelines | *Patrick Burns RRT,RPFT*

- Goal of Various Challenge Tests
- Indications/Contraindications
- General Methods to Perform Testing
- Tidal Breathing for an Improved Methacholine Test. Change from PC20 to PD20

9:15-10:15 am Diffusing Capacity – The Basics to the New Guidelines | *Ralph Cook RRT,RPFT*

- Physiology of DLco Measurement
- How to Perform a Test
- ATS/ERS Guidelines for Standardization of Acceptability & Repeatability
- Quality Control

10:15-10:30 am BREAK

10:30-11:30 am Understanding Body Plethysmography (TGV & Raw) | *Ralph Cook RRT,RPFT*

- How a Plethysmograph Works
- Lung Volumes Measurements
- Airways Resistance Basics
- ATS/ERS Guidelines for Standardization

11:30 am-12:30 pm LUNCH

12:30-1:30 pm Quality Control - Why Do It? | *Lisa Knepper RRT,RPFT*

- Accuracy vs. Precision
- Syringe QC
- Daily Duties
- Monthly Duties
- Why/How to Perform

1:30-2:30 pm CPET Made Easy | *Patrick Burns RRT,RPFT*

- Patient Prep
- Basic Steps to Testing to Include ECG Monitoring
- AT Selection
- ECG Evaluation

2:30-3:30 pm Q&A with Presenters