

One-Day Pulmonary Function Workshop: *Sanford Medical Center*

Agenda

Saturday - October 13th, 2018

Time

8:00-8:15 am Welcome/Introductions

8:15-9:15 am Spirometry Made Easy

- Key Terms & Definitions
- Physiology
- Clinical Indications
- Clinical Contraindications
- Calibration
- Performance of Spirometry
- ATS/ERS Requirements
- Assessment of Test Quality and Result Reporting
- Acceptability Criteria, Result Selection and Reporting
- Infection Control
- Assessment of test quality and result reporting
- Acceptability criteria

9:15-10:15 am Diffusing Capacity – The Basics

- 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

10:30-11:45 am Understanding Body Plethysmography (TGV & Raw)

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

11:45 am-12:15 pm LUNCH

12:15-1:00 pm Quality Control - Why Do It?

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

1:00-2:00 pm Indirect Calorimetry

- Understanding Indirect Calorimetry
- Why/How to to Perform a Good Test

2:00-3:00 pm Q&A with Presenters and Hands-On