

Pulmonary Function One-Day Symposium

Agenda

Saturday - February 11th, 2017

Time

8:00 am Welcome/Introductions

8:15 am Spirometry vs. Forced Oscillation Technique

- The Forced Oscillation Technique in clinical practice: methodology, recommendations and future developments.

8:45 am Diffusing Capacity - The Basics:

- Physiology of DLco measurements
- How to Perform a Test
- NEW ATS/ERS guidelines for standardization of acceptability & repeatability
- Quality control

9:45 am BREAK

10:00 am Understanding Body Plethysmography (TGV & RAW):

- How a plethysmograph works
- Lung Volume measurements
- Airways Resistance basics
- ATS/ERS guidelines for standardization

11:15 am Quality Control - Why Do It:

- Accuracy vs. Precision
- Syringe QC
 - Daily duties
 - Monthly duties
 - Why/how to perform
 - ATS/ERS guidelines
- Biologic QC
 - Healthy volunteers
 - Mean and coefficient variation
 - Linearity checks

12:00-2:00 pm Hands on workshop with equipment provided by MGC Diagnostics