

Cardiorespiratory Diagnostics Seminar 2017

Agenda

Monday - October 16th

Time

- 7:00 am Registration Opens/Breakfast
- 8:00 am Introduction - *Carl Mottram*
- 8:15 am Overview of Pulmonary Function Testing - *Gregg Ruppel*
- 9:00 am Spirometry - *Susan Blonshine*
- 10:15 am **BREAK**
- 10:30 am DLco - *Matt O'Brien*
- 12:00 pm **LUNCH**

Track I

- 1:00 pm Plethysmography (Lung Volumes & Airways Resistance) - *Susan Blonshine & Kevin McCarthy*
- 3:00 pm **BREAK**
- 3:15 pm Plethysmography *continued*
- 5:00 pm **ADJOURN**

Track II

- Cardiopulmonary Exercise Testing - *David Kaminsky & Carl Mottram*
- Cardiopulmonary Exercise Testing *continued*

Tuesday - October 17th

Time

7:30 am **BREAKFAST**

Track I

- 8:00 am REPEAT of Plethysmography (Lung Volumes & Airways Resistance) - *Susan Blonshine & Kevin McCarthy*
- 10:00 am **BREAK**
- 10:15 am Plethysmography *continued*
- 12:00 pm **LUNCH**
- 1:00 pm Dilutional Lung Volumes: Methodology, Performance Standards, Indications, LCI - *Gregg Ruppel & Matt O'Brien*
- 2:00 pm **BREAK**
- 2:15 pm Pediatric Pulmonary Function Testing - *Susan Blonshine*
- 4:00 pm Hands on with Equipment (Question & Answer, Demonstrations and QC)
- 5:00 pm **ADJOURN**

Track II

- REPEAT of Cardiopulmonary Exercise Testing - *David Kaminsky & Carl Mottram*
- Cardiopulmonary Exercise Testing *continued*
- The ABC's of ABG's: Basic Concepts Through Interpretation - *Carl Mottram & David Kaminsky*
- Exercise/EVH Challenge (Lecture and Demonstration) - *Gregg Ruppel*

Wednesday - October 18th

Time

7:30 am **BREAKFAST**

Track I

- 8:00 am Spirometry, DLco & Lung Volumes: Test Quality Assessment and Troubleshooting Techniques - *Susan Blonshine, Kevin McCarthy & Gregg Ruppel*
- 9:00 am
- 10:00 am **BREAK**
- 10:15 am Developing & Implementing a Quality Control Program - *Susan Blonshine*
- 11:15 am **LUNCH**

Track II

- Indirect Calorimetry - *Matt O'Brien*
- Oscillatory Resistance - *David Kaminsky*
- Pulmonary Potpourri (FeNO, Field Testing, Respiratory Muscle Pressures) - *Carl Mottram*

Main Lecture Room

- 11:45 am Predicted Values & Reference Equations in Pulmonary Diagnostics - *Gregg Ruppel*
- 12:30 pm Pulmonary Function Interpretive Schemes - *David Kaminsky*
- 1:30 pm **BREAK**
- 1:45 pm Methacholine Bronchial Challenge - *Matt O'Brien*
- 2:45 pm **ADJOURN**

Participants are not obligated to follow a particular track. You may choose to attend any of the lectures in either Track I or Track II.