

# Cardiorespiratory Diagnostics Seminar 2021: Fall Series

## Agenda

### Monday - October 18<sup>th</sup>

#### 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 19<sup>th</sup>

#### 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 Developing & Implementing a Quality Control Program - *Susan Blonshine*  
 4:00 pm Networking Reception and Hands-on with Equipment  
 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 20<sup>th</sup>

#### 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  
 9:30 am  
 10:00 am **BREAK**  
 10:15 am Pediatric Pulmonary Function Testing - *Susan Blonshine*  
 11:15 am **LUNCH**

#### Track II

- Indirect Calorimetry - *Matt O'Brien*  
 Oscillatory Resistance - *David Kaminsky*  
 HAST - *Matt O'Brien*  
 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 & Mannitol 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.