

# Cardiorespiratory Diagnostics Seminar 2019: Fall Series

## Agenda

Monday - October 21<sup>st</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 22<sup>nd</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 23<sup>rd</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.