

Cardiorespiratory Diagnostics Seminar 2023: Fall Series

Agenda

Monday - October 23rd

Time

- 7:00 am Registration Opens/Breakfast
8:00 am Introduction - *Carl Mottram*
8:15 am Overview of Pulmonary Function Testing - *Meredith McCormack*
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
2:45 pm **BREAK**
3:00 pm Plethysmography *continued*
4:00 pm Pediatric Pulmonary Function Testing - *Susan Blonshine*
5:00 pm **ADJOURN**

Track II

- Cardiopulmonary Exercise Testing -
David Kaminsky & Carl Mottram

Cardiopulmonary Exercise Testing *continued until 5pm*

Tuesday - October 24th

Time

- 7:30 am **BREAKFAST**
Track I
8:00 am REPEAT of Plethysmography (Lung Volumes & Airways
Resistance) - *Susan Blonshine & Kevin McCarthy*
9:45 am **BREAK**
10:00 am Plethysmography *continued*
11:00 pm REPEAT Pediatric Pulmonary Function Testing - *Susan
Blonshine*
12:00 pm **LUNCH**
1:00 pm Dilutional Lung Volumes:
Methodology, Performance Standards,
Indications, LCI - *Meredith McCormack & 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 until 12pm*

Field Testing - 6 Minute Walk Test -
Carl Mottram

Indirect Bronchial Challenge (Mannitol &
Exercise Challenge) - *Meredith McCormack*

Wednesday - October 25th

Time

- 7:30 am **BREAKFAST**
Track I
8:00 am Spirometry, DLco & Lung Volumes: Test Quality
Assessment and Troubleshooting Techniques - *Susan
Blonshine, Kevin McCarthy & Meredith McCormack*
9:00 am
10:00 am **BREAK**
10:15 am Oscillometry - *David Kaminsky*
11:15 am **LUNCH**

Track II

- Indirect Calorimetry - *Matt O'Brien*

High Altitude Simulation Test (HAST) - *Matt O'Brien*

Exhaled Nitric Oxide & Respiratory Muscle Strength
- *Carl Mottram*

Main Lecture Room

- 11:45 am Predicted Values & Reference Equations in Pulmonary Diagnostics - *Meredith McCormack*
12:30 pm Pulmonary Function Interpretive Schemes - *David Kaminsky*
1:30 pm **BREAK**
1:45 pm Direct Challenge with Methacholine - *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.