

Cardiorespiratory Diagnostics Seminar 2025: Fall Series

Agenda

Courses are approved for 22 AARC accredited hours | Courses with * are also approved by the ACSM for 6.5 hours CEC, Approved Course #100011

Monday - October 20th

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 21st

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 am Direct Challenge with Methacholine - *Matt O'Brien*
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 22nd

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 Technical Interpretation - *Susan Blonshine, Kevin McCarthy, Carl Mottram & Matt O'Brien*
12:45 pm Predicted Values & Reference Equations in Pulmonary Diagnostics - *Meredith McCormack*
1:30 pm **BREAK**
1:45 pm Pulmonary Function Interpretive Schemes- *David Kaminsky*
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.