

U of T IDCCM Critical Care Physiology Rounds

Tuesday, April 18, 2017

THEME: Gas Exchange

Session 1, 4:30 pm - 5:15 pm

Extracorporeal Carbon Dioxide Removal and Hypoxemia

Lorenzo del Sorbo, MD

Staff Intensivist, University Health Network-Toronto General Hospital
Assistant Professor, Interdepartmental Division of Critical Care Medicine, University of Toronto



Objectives:

1. To understand the relationship between extracorporeal carbon dioxide removal and hypoxemia.
2. To explore the potential cause-effect physiological mechanisms regulating this relationship.

Session 2, 5:15 pm – 6:00 pm

Physiology, Precision Medicine, and Trial Design:

Extracorporeal Carbon Dioxide Removal and

Ultra-Protective Ventilation for ARDS

Ewan Goligher, MD, PhD

Staff Intensivist, University Health Network & Sinai Health System
Interdepartmental Division of Critical Care Medicine, University of Toronto



Objectives:

1. To derive a physiological basis for predicting treatment response to extracorporeal carbon dioxide removal.
2. To introduce the concept of precision ventilation.
3. To apply this novel paradigm to the challenges of trial design in ARDS.

Chair: Dr. Art Slutsky

Co-Chair: Dr. Jennifer Beck

Time: 4:30 pm - 6:00 pm

Host Site: Hospital for Sick Children, PGCR Research Tower, 686 Bay Street, 2nd Floor, Room 2a and 2b

Kindly RSVP here (refreshments available) or to Louisa (MatelaL@smh.ca; 416-864-5686) on or before Monday, April 17th.

Videoconference Sites: Windsor Regional Hospital, Cottam Room; Lakeridge Health Hospital, Critical Care Conf Room

Webcast: <http://webcast.otn.ca>

- Select Live Events / Private
- Username: **CCPR** / Password: **rounds**
- Webcast questions/comments: SlutskyA@smh.ca

OTN Technical Support Team: 1-866-454-6861 (Event #: 68598799)

*This event is an accredited group learning activity as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.
CME certificates are issued at the end of the year.*