



Extracorporeal Life Support in Adult Critical Care – Adult ECMO Management Course February 18, 19, & 20, 2021

DAY ONE THURSDAY, FEBRUARY 18, 2021

- 1300-1330 **EST** - WELCOME*
- 1330-1400 **EST** - INTRODUCTION TO ECMO & HISTORY – DR. ROBERT BARTLETT
- 1400-1430 **EST** - CIRCUIT COMPONENTS - DR. STEVEN CONRAD
- 1430-1445 **EST** - BREAK
- 1445-1515 **EST** – CASE STUDY I – INDICATIONS – DR. KIRAN SHEKAR*
- 1515-1545 **EST** - CANNULATION STRATEGIES – DR. PHILLIP MASON
- 1545-1630 **EST** - EXPERT PANEL SESSION (BARTLETT, CONRAD, SHEKAR, MASON)*

DAY TWO FRIDAY, FEBRUARY 19, 2021

- 1300-1330 **EST** – WELCOME – Q&A SESSION*
- 1330-1400 **EST** - PHYSIOLOGY I - DR. PHILLIP MASON
- 1400-1430 **EST** - VV ECMO & RESPIRATORY FAILURE – DR. DANIEL BRODIE
- 1430-1445 **EST** - BREAK
- 1445-1515 **EST** - CASE STUDY II – SELECTION - DR. NIRMAL SHARMA*
- 1515-1545 **EST** - PATIENT MANAGEMENT – DR. VADIM GUDZENKO
- 1545-1615 **EST** - CASE STUDY III – CHALLENGING CASES – DR. WILLIAM LYNCH
- 1615-1700 **EST** - EXPERT PANEL SESSION (MASON, BRODIE, SHARMA, GUDZENKO, LYNCH)*

DAY THREE SATURDAY, FEBRUARY 20, 2021

- 0900-0930 **EST** – ULTRASOUND – DR. ADAM DALIA
- 0930-1000 **EST** - VA ECMO & CARDIAC FAILURE – DR. ALAIN COMBES
- 1000-1030 **EST** - PHYSIOLOGY II – DR. CARA AGERSTRAND
- 1030-1045 **EST** - BREAK
- 1045-1115 **EST** - CASE STUDY IV – PHYSIOLOGY CURIOSITIES– DR. ROBERT BARTLETT*
- 1115-1145 **EST** - ECMO COMPLICATIONS – MARTA VELIA ANTONINI
- 1145-1230 **EST** - EXPERT PANEL SESSION (DALIA, COMBES, AGERSTRAND, BARTLETT, ANTONINI)*
- 1230-1330 **EST** - LUNCH
- 1330-1400 **EST** - APPROACHES TO HYPOXEMIA – DR. BISHOY ZAKHARY
- 1400-1430 **EST** - ECPR– DR. JOSEPH TONNA
- 1430-1500 **EST** - PROGRAM DEVELOPMENT – ELIZABETH MOORE
- 1500-1515 **EST** - BREAK
- 1515-1545 **EST** - CASE STUDY V – ETHICS – DR MICHAEL BARAM
- 1545-1630 **EST** - EXPERT PANEL SESSION (ZAKHARY, TONNA, MOORE, BARAM)*
- 1630 **EST** – ADJOURN

ALL PRESENTATIONS WITH AN ASTERISK* DENOTE THE LIVE SESSIONS.

COURSE DESCRIPTION:

This intense two-day virtual didactic course has been designed to train multidisciplinary healthcare professionals (RN, MD, CCP, RT) to care for adult patients with severe respiratory and/or cardiac failure requiring ECMO support. All elements of veno-venous (VV) and veno-arterial (VA) ECMO support will be considered and reviewed. Similar to the amazing benefits experienced at our recent annual meeting, students will have an incredibly unique experience of learning from global ECMO experts the basics of Adult ECMO patient management.

This course will be offered via Zoom with several sessions being broadcasted live to allow for direct student/faculty interaction. All presentations with an asterisk* denote the live sessions. Of note, the time listed is eastern time zone (EST).

CME/CEU will be available for this course for MD/RN

TARGET AUDIENCE:

This course is appropriate for the entire ECMO team: physicians, nurses, perfusionists, respiratory therapists.

COURSE FEE:

\$1500 USD

For questions, contact ecmotraining@elso.org

ELSO ACADEMY:

Successful completion of this course fulfills the didactic course requirement of ELSO Academy.

