



## The PROGRAM

# The 26<sup>th</sup> CNMC Symposium: ECMO & the Advanced Therapies for Respiratory Failure

Keystone Colorado February 21 - 25, 2010

## SUNDAY, February 21

Registration 1:00 – 6:00 PM SUNDAY & 7:30am – 10:00 DAILY – Keystone Conference Center

TWO SPECIAL WORKSHOPS: Sunday, February 22  
2:00 – 4:30PM

### Session #1: Infection Control During ECLS: Recommendations from ELSO

*Speakers: Drs. Hines, Wildschut & van den Anker*

### Session #2: ECMO Training Using Simulation

*Speaker: Dr. Ogino*

## SUNDAY, February 21 – Evening Session

4:30 - 5:50PM	ECMO Coordinators & Specialists' Meeting <i>Moderators: L. Williams, T. Morrison, &amp; P. Grimm</i>
5:50 - 6:00 PM	Break
6:00 - 6:15 PM	<i>Opening Remarks - Dr. Short - <u>Longs Peak</u></i>
6:15 - 7:30 PM	<b><i>Keynote Speaker:</i></b> <i>Certification of the ECMO Specialist: Pro/Con Debate –</i> Moderator: Dr. Hines Speakers: T. Morrison, S. Wagoner, & S. Englert Distinguished Panel Members: Drs. Bartlett, Conrad & Lynch, R Bartilson, S. Copus, S. Englert, B Harris, P Grimm, T. Morrison, & S. Wagoner
7:30-8:30PM	<i>ELSO Standing Committee Meetings</i>

## MONDAY, February 22

### Morning Session:

7:00 - 7:30 AM	Continental Breakfast - <u>Quandary Peak III</u>
7:30 - 10:00 AM	<b><i>Assessment of Oxygenation in Critical Patients</i></b> <b><i>- Longs Peak</i></b>

*Speaker & Moderator: Dr. David Steinhorn*

- *Oxygen content/delivery— Dr. Steinhorn*
- *Venous oxygen saturation: Pro/con measurements— Dr. Bohn*
- *NIRS – Pro/Con – Dr. Hoffman*

### Afternoon Session:

4:00 – 5:00 PM	<i>Hors d'oeuvres</i>
4:00 – 5:00 PM	Poster Session A – <b><i>Abstracts # 1 - 27</i></b> <u>Quandary Peak III</u>
5:00 – 6:30 PM	<b><i>Neuroprotection – The Pediatric Brain - Longs Peak</i></b> <i>Speaker &amp; Moderator: Dr. Hirschl</i> <ul style="list-style-type: none"><li>• <i>Etiology of brain injury in the pediatric patient – Dr. Beca</i></li><li>• <i>Traumatic brain injury – current treatments to improve outcome – Dr. Ehrlich</i></li><li>• <i>The Role of ECMO and Stem Cells in the Treatment of brain injury – Dr. Cox</i></li></ul>
6:30 – 6:45 PM	Break



## THE PROGRAM

### MONDAY, CONTINUED

6:45 – 8:15 PM

#### **Neuroprotection – The Neonatal Brain - Longs Peak**

Moderator: Dr. Baumgart

- Etiology of neonatal brain injury-Current Treatments – Dr. Massaro
- Monitoring brain health – continuous EEG/aEEG – Dr. Chang
- Stem Cell Treatment for HIE – Excitement & Caution – Dr. Fatemi

### TUESDAY, February 23

#### Morning Session:

7:00 - 7:30 AM

Continental Breakfast - Quandary Peak III

7:30 - 10:00 AM

#### **Neonatal Lung: Science Behind Our Therapies – Longs Peak**

Moderator: Dr. Robin Steinhorn

- Hypoxia & Pulmonary Hypertension – Dr. Raj
- Novel nitric oxide signaling mechanisms – Dr. Auten
- Alveolar Capillary Dysplasia, early and late presentations – Dr. Bishop

#### Afternoon Session:

4:00 – 5:00 PM

Hors d'oeuvres

5:00 – 6:30 PM

#### **"Cardiac ECMO: State-of-the-Art" - Longs Peak**

Moderator: Dr. Berger

- Delivery of the high risk fetus with congenital heart disease – Dr. Donofrio
- EXIT. Rationale, outcomes, techniques, special considerations of EXIT procedure - Dr. Liechty
- Team dynamics and simulation as it relates to ECMO – Dr. Allan

6:30 – 6:45 PM

Break

6:45 – 8:15 PM

#### **Breakout Sessions:**

- **Pediatric ECLS – Abstracts # 28 - 32**

Moderators: Drs. Bohn & Dalton

- **ECMO Skills & Drills: from individual to team training–incorporating simulation into your competency training**

Speakers: Drs Antonius, Hogeveen & van Heijst

- **"GENETICS: Research and Privacy in a World of Direct to Consumer Genetic Testing"**

Speaker: Dr. O'Rourke

### WEDNESDAY, February 24

#### Morning Session:

7:00 - 7:30 AM

Continental Breakfast - Quandary Peak III

7:30 – 10:00 AM

#### **Pediatric and Adult Intensive Care: What we learned from H1N1 – Longs Peak**

Peak

Moderator & Speaker: Dr. Bohn

Speakers: Dr. Beca & Bartlett

- The Australian/New Zealand H1N1 Experience
- Adult ECMO in a pandemic – how do we facilitate development of programs



## THE PROGRAM

### WEDNESDAY, CONTINUED

#### Afternoon Session:

4:00 – 5:00 PM

*Hors d'oeuvres*

4:00 – 5:00 PM

Poster Session B – **Abstracts # 33 - 59**    **Quandary Peak III**

5:00 – 6:30 PM

**Coagulation & ECLS – Longs Peak**

*Moderator & Speaker: Dr. Annich*

- *The Blood Biomaterial Interface – Dr. Annich*
- *Anticoagulation Monitoring/Management on ECLS – So many paths to take, which one is right? – Dr. Lequier*
- *HITT, Factor VIIa, & Excessive Bleeding on ECLS – Apply Pressure? – Dr. Dalton*
- *The Artificial Endothelium – A way out of the madness! – Dr. Reynolds*

6:30 – 6:45 PM

Break

6:45 – 8:15 PM

#### **Breakout Sessions:**

- **Neonatal ECMO Case Reviews – Abstracts # 60 – 62**

*Moderators: Drs. Knight & Van Meurs & B. Haney*

- **Equipment Issues in ECLS – Abstracts # 62 – 68**

*Moderators: G. Mikesell & O. Rivera*

- **Outcome of ECLS Patients**

*Moderator: P. Glass*

### THURSDAY, February 25

#### Morning Session

7:00 – 7:30 AM

*Continental Breakfast*

7:30 – 9:30 AM

**Pro-Con: Questions from the ECLSnet**

*Moderator: Dr. Short*

*Panel: Drs. Haft, Hines, Dalton, Stolar, Suttner, B. Haney, B. Harris, O. Rivera, S. Wagoner*

#### Evening Session

6:00 - 7:00 PM

Wine and Cheese - **\$\$\$ Cash Bar \$\$\$**

7:00 - 8:00 PM

Banquet Dinner - **Lodge Ballroom**

8:40 – 11:00 PM

**Crutch Award and Song Contest –**