



e-Letter

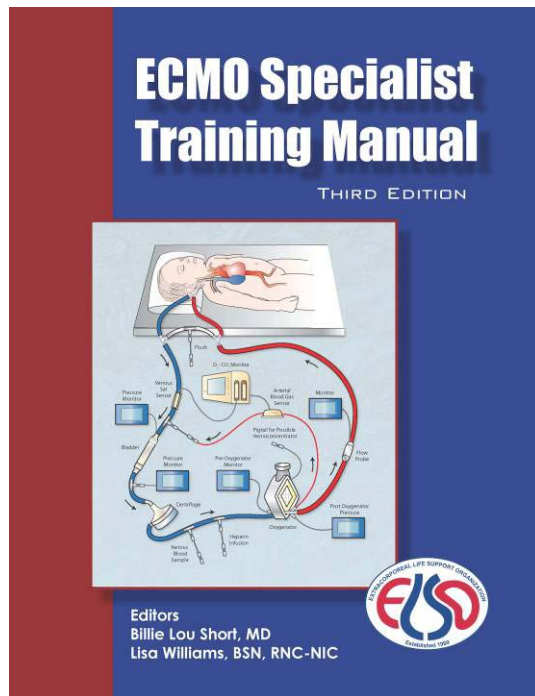
September 2010

# Announcements

**Register now for the 21<sup>st</sup> annual ELSO conference in conjunction with AmSECT pediatric perfusion conference taking place in St. Petersburg Florida October 1-3. The preconference ECPR workshop runs September 30-October 1. Don't miss out!**

**Spaces are still available for the “Venovenous ECMO for adult respiratory failure” course to be held November 5-7 in Atlanta!**

**See pages 3-4 for details.**



The Third Edition of the Specialist Training Manual is shipping!

It is a great pleasure to have participated in the creation of the 3rd Edition of the ECMO Specialists Training Manual. This edition is the product of many individuals representing 18 ECMO centers across the country. As Co-Editor of the first edition, it was amazing to see the changes that had occurred between that edition and the second. It's now been 10 years between the 2nd Edition and this 3rd Edition, with enormous changes in the patient populations treated, the equipment used, and clinical management protocols for ECLS support. To that end we have added 8 new chapters outlining physiology of the major categories of patients being treated (neonatal respiratory, pediatric respiratory, adult respiratory and cardiac patients of all ages). We have also added chapters on ECPR, hemofiltration, plasmapheresis, and two exciting chapters on case scenarios and trouble shooting for the ECMO Specialists.

Training of the bedside ECMO specialist remains a priority. This manual was developed to assist ECMO centers in the training and education of the ECMO team in their institution. To further assist in the education of ECMO practitioners, test questions and answers are at the end of each chapter. This manual should be used in conjunction with the existing educational material specific to the individual ECMO center. The material presented in this manual has been written by authors from various ECMO centers, but an attempt has been made to represent general ECMO practice. Techniques specific to a single institution may not be fully covered in this manual, thus requiring each institution to enhance those topics with additional information.

<http://www.elseo.med.umich.edu/Publications.html>

Billie Lou Short, MD  
Chair, Logistics and Education Committee (2007-2009)  
ELSO



# MEETINGS

**21<sup>st</sup> annual ELSO conference in conjunction with AmSECT pediatric perfusion conference**

**October 1-3, 2010**

**St. Petersburg Florida**

**A separate ECPR pre-conference workshop will be held on  
September 30 – October 1, 2010**

**<http://www.else.med.umich.edu/meetings.html>**

**Venovenous ECMO for Adult Respiratory Failure**

**An ELSO course**

**In association with Emory University and Children's Healthcare of  
Atlanta ECMO Department**

**November 5-7, 2010**

**Atlanta, GA**

**<http://www.else.med.umich.edu/meetings.html>**

**The 27<sup>th</sup> Annual CNMC ECMO Symposium!**

**February 20-24, 2011**

**Keystone, Colorado**

**[www.ecmomeeting.com](http://www.ecmomeeting.com)**



# TRAININGS

## \*\*\*\*ECMO TRAINING COURSES\*\*\*\*

**Training courses are also listed on ELSO's web page and if you would like yours listed just let us know!**

Venovenous ECMO for Adult Respiratory Failure  
An ELSO Course

In association with Emory University and Children's Healthcare of Atlanta ECMO Department  
November 5-7, 2010  
Atlanta, Georgia

This intense three day course is designed for physicians and specialists caring for adult patients with severe acute respiratory failure who may be candidates for Extracorporeal Respiratory Support. Common diagnoses considered for adult VV ECLS support include: H1N1, other viral or bacterial pneumonias, burn and inhalation injury, traumatic lung injury, pulmonary contusion, pulmonary embolism, post-shock or sepsis associated ARDS, or other forms of reversible acute lung injury or illness. Course content includes indications and contraindications, cannulation techniques, initiation of support, patient and circuit physiology of VV ECMO, programmatic design and management, and all aspects of patient management and decision making for patients on VV ECMO. Complementing the didactic course is an 8 hour high fidelity simulation workshop with an ECMO circuit utilizing centrifugal pump technology. In the simulation workshop, small groups will participate in scenarios reviewing emergency procedures and highlighting VV physiology. Simulation education will allow participants to develop skills in common bedside procedures and to learn key assessment for decision making by "hands on" experience. The course is appropriate for centers setting up new programs, or for existing centers expanding into adult services.

A pre-conference simulation course will also be offered for participants with little or no previous ECMO experience. This 4 hour session will review the essentials of bedside ECMO, such as, a circuit check and the procedure to emergently come off of ECMO. Other subjects that will be reviewed include: equipment components, alarms, pressure monitoring, stopcocks and pigtails, drawing samples from the circuit, de-airing the circuit, and hand cranking the pump.

Registration per person is:

\$1,800 Pre-conference simulation, didactic with simulation course (Limited to 12 participants)

\$1,500 Didactic with simulation course (Limited to 24 participants)

\$800 Didactic course only (Limited to 35 participants)

Registration includes the ELSO "Red Book" and the ECMO Specialist Training Manual

[Tentative Program](#)

[Registration Form](#)

### **Hotel Information**

Please call the reservations department at 800-93-EMORY (800-933-6679) or 404-712-6565 and identify yourself as a guest of the ELSO Conference, under Reservation ID# 20006019123 at the Emory Conference Center Hotel or Reservation ID# 10006019129 at the Emory Inn to reserve your room.

The Emory Conference Center Hotel, inspired by the architectural design of Frank Lloyd Wright, is surrounded by 26 acres of forest preserve. Group, Business and leisure travelers who stay with us find our hotel's convenient location, spectacular landscapes, and exceptional accommodations a refreshing change from the typical metropolitan city center hotel. Located on the Emory University Campus, our hotel is only 15 miles from Hartsfield International Airport, 6 miles from downtown Atlanta, and close to major shopping and attractions. (\$139.00 per room per night)

The Emory Inn, a charming 107-room Southern Inn, is connected to the Emory Conference Center Hotel via a covered walkway. The Emory Inn features comfortable amenities and affordable lodging rates that include daily express grab and go breakfast with coffee, orange juice and a breakfast bread. (\$76.00 per room per night)

Visit [www.elseo.med.umich.edu/meetings.html](http://www.elseo.med.umich.edu/meetings.html) for more information.

Non-ELSO run Courses:

Course dates: Thursday, September 16, 2010  
Institution name: NewYork-Presbyterian Hospital/Columbia University Medical Center  
Location: Vivian and Seymour Milstein Family Heart Center  
Course name: Extracorporeal Membrane Oxygenation Course: Current Uses and Future Directions  
Contact person: Stephanie Scheeler  
Contact phone: -346-7003  
Contact e-mail: [sas2258@columbia.edu](mailto:sas2258@columbia.edu)  
Web link: [http://asp.cumc.columbia.edu/surgery\\_register/cumc/events/surg\\_display\\_event.asp?Event\\_ID=548](http://asp.cumc.columbia.edu/surgery_register/cumc/events/surg_display_event.asp?Event_ID=548)

Course dates: September 20-22, 2010  
Institution name: Arkansas Children's Hospital  
Location: Arkansas Children's Hospital Brandon Conference Center, Little Rock, AR  
Course name: Fall ECMO Course  
Contacts: Jackie Jagers, 501-364-1248, [JagersJF@archildrens.org](mailto:JagersJF@archildrens.org)  
Contact : Larry Smith, 501-364-5865, [Smithld@archildrens.org](mailto:Smithld@archildrens.org)  
Web link: <https://secure.archildrens.org/conference/ConferenceInfo.asp?Confid=113>

Course dates: October 18-21, 2010  
Institution name: British Columbia Children's Hospital  
Location: Vancouver, BC, Canada  
Course name: ECLS Training Course  
Contact person: Renee Mintak ECLS Team Leader  
Contact phone: 604-875-2345 local 6598  
Contact e-mail: [rmintak@cw.bc.ca](mailto:rmintak@cw.bc.ca)

Course date: November 17-19, 2010  
Institution name: Great Ormond Street  
Location: London  
Course name: Risky Business: Learning from other high risk industries  
Contact person:  
Contact phone:  
Web link: [www.risky-business.com](http://www.risky-business.com)



# SURVEYS



At the request of several centers, the steering committee has decided to include links to center surveys in ELSO's periodic e-letter. Each time we will describe the purpose of the study, who is asked to participate, and who is collecting the data. All surveys will be linked to "survey-monkey" which will collect the data. If you have a survey you would like to submit, please send the information to ELSO via Peter Rycus, MPH ([prycus@umich.edu](mailto:prycus@umich.edu)).



# **OPPORTUNITIES**

**If you or your institution have specific needs for coordinators, specialists, directors, etc. ELSO “e-letter” will post them here as well as on our web site!!**





Colleagues,

I am pleased to announce the upcoming introduction of the electronic Journal of MCS. Following the open-access model of peer-reviewed publication, we hope to offer a rapid review and timely publication of manuscripts pertaining to the constantly evolving of mechanical circulatory support. Clinical manuscripts of all types (case reports, reviews, commentaries, series, small/large scale studies, “how-to-do-it”, images, etc) focusing on the field of short and long-term circulatory support (extra-corporeal circulation and support, ventricular assist devices, cardiac replacement) will be considered. Our goal is to be a resource for the many facets of caring for these complex patients.

Please accept my invitation to submit articles for consideration for publication. Manuscripts or questions can be submitted online at the link below or via email to myself.

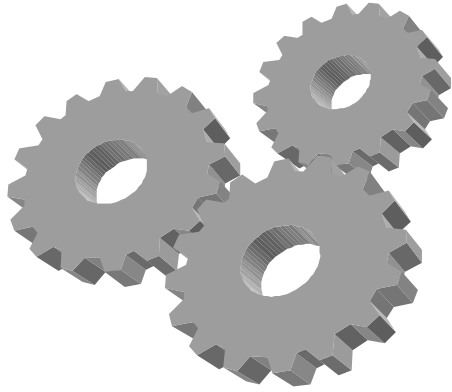
Thank you very much for your interest and support.

Michael S. Firstenberg, MD, FACC

Editor-In-Chief

[Michael.firstenberg@osumc.edu](mailto:Michael.firstenberg@osumc.edu)

<http://journals.sfu.ca/coaction/index.php/mcs/index>



## **ELSO Corporate Member Announcements**

**This section will allow ELSO's corporate members an opportunity to pass on important information.**

**Coming soon!**