



e-Letter

May 2010

# Announcements

## **The ELSO Office has moved!**

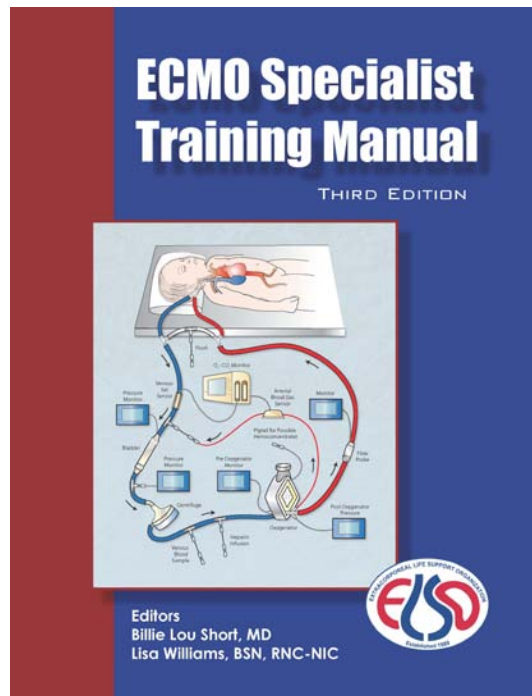
Our new address is:

ELSO Office  
2800 Plymouth Rd  
Building 300, Room 303  
Ann Arbor, MI 48109-2800

Phone and fax remain the same.

## **Registry form submission deadline**

All registry forms must be received by June 24, 2010 in order to be included in the July reports. If you have any changes that need to be made in the ELSO directory you will need to have these changes submitted by then as well.



The Third Edition of the Specialist Training Manual will be shipping in June!

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



## ELSO Award Update

The cutoff for the ELSO Award Application to be presented at the ELSO meeting in Florida this year is June 15th. Please send in your ELSO Award application by this date. We have increased the number of award reviewers this year, however, this is a voluntary committee and each reviewer needs plenty of time to review each application and all of the supporting documentation. Please plan for each application to take at least 4-6 weeks before a decision is made. If a lot of supportive documentation is needed, the application process can take 3 – 4 months. If additional information from your center is needed, please respond as soon as possible to help speed the process. Here is a list of documents suggested to accompany your application.

- Job description for specialists
- Annual certification exam
- Continuing education plan for specialists
- Example of recent water drill
- ECMO parent information
- Initial specialist training

Please use the Award application to celebrate all the wonderful things your ECMO program does for patients and their families. Don't be shy! We all do wonderful work and this is our chance to tell everyone just how wonderful we are. Answer each question fully and include at least one example of how your program achieves that requirement. A simple yes or no will not be accepted by the reviewers. Remember, this is the Award of Excellence! Tell us your story of excellence.

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



# MEETINGS

**20th Annual SEECMO Meeting**

**May 21-23, 2010**

**University of Iowa**

**[www.uiowa.edu/~confinst/seecmo-2010](http://www.uiowa.edu/~confinst/seecmo-2010)**

**Venovenous ECMO for Adult Respiratory Failure**

**An ELSO course**

**Jointly Sponsored by Legacy Health**

**Physician course July 16-17, 2010**

**Specialist Workshop July 16-18, 2010**

**Portland Oregon**

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

**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<sup>th</sup>, 2010.**

**<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  
Jointly Sponsored by Legacy Health  
July 16-17, 2010  
Portland Oregon

This intense 2 day course is designed for all physicians caring for adult patients with severe acute respiratory failure including H1N1, other viral or bacterial pneumonias, burn and inhalation injury, traumatic lung injury and pulmonary contusion, pulmonary embolism, post-shock or sepsis associated ARDS, or other forms of reversible acute lung injury or illness, who may be candidates for Extracorporeal Respiratory Support. Course content includes indications and contraindications, cannulation techniques, initiation of support, patient and circuit physiology of VV ECMO, programmatic design and management, all aspects of patient management and decision making for patients on VV ECMO, as well as ECMO circuit component function, design and management. The course is appropriate for centers setting up new programs, or for existing centers expanding into adult services. Registration is \$800/person, and includes the "Red Book". Space is limited to 100. There are 18 spaces available for a Saturday afternoon simulation session (additional \$400 fee applies).

A 3 day **specialist training workshop** on the same topic will run July 16 - July 18. This workshop will have didactic sessions on Friday and Saturday and on Sunday simulation sessions. Registration is \$1,200 per person and includes the 3<sup>rd</sup> edition of the ECMO Specialist Training Manual! Space is limited to 36.

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: June 14-15, 2010  
Institution name: La Pitié-Salpêtrière Hospital  
Location: Paris France  
Course name: International Course on ECMO  
Contact phone 33 (0)1 41 92 01 20  
Contact e-mail: paris-ecmo@overcome.fr  
Web link: [www.paris-ecmo.org](http://www.paris-ecmo.org)

Course Dates: July 19-23  
Institution: Nationwide Children's Hospital  
Location: Columbus, OH  
Course name: ECMO Training  
Contact person: Tom Preston  
Contact phone: 614-722-6137  
Contact e-mail: Thomas.Preston@nationwidechildrens.org  
[www.nationwidechildrens.org/gd/applications/controller.cfm?cID=658&type=2&catID=4&page=56](http://www.nationwidechildrens.org/gd/applications/controller.cfm?cID=658&type=2&catID=4&page=56)

Course Dates: Thursday, September 16, 2010  
Institution name: New York-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: Candice Giordano  
Contact phone: 201-346-7009  
Contact e-mail: [cg2238@columbia.edu](mailto:cg2238@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)



# 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)).

Below are 2 notices which are related to the ELSO research grants (previously listed in the April news letter) and one from a group of ELSO centers.

1. Please participate in this short ELSO endorsed survey of sedation practice in adult ECMO patients. It contains about 20 simple MCQs and should not take longer than 5 minutes to complete. If other members of your team are mainly involved in managing sedation on ECMO please feel free to forward the below link.

[www.surveymonkey.com/s/QK8MDWV](http://www.surveymonkey.com/s/QK8MDWV)

Dr. med. Hergen Buscher, FCICM, EDIC, DEAA  
St. Vincents Hospital  
Darlinghurst, NSW, Australia

2. Healthcare-acquired infections are a serious problem among ECMO patients. There is very little known regarding the optimal antibiotic prophylaxis regimen including the appropriate spectrum and duration. We will be sending a short survey shortly to inquire about your center's current practice regarding antibiotic prophylaxis for your ECMO patients as part of one of the new ELSO sponsored grants. We thank you in advance for your participation as the results will be helpful in planning future prospective studies.

Dr. Kevin Lally  
Children's Memorial Hermann Hospital  
Houston, TX



Little is known about whether the composition of the ECMO team influences patient outcome. We are inviting you to participate in a research study by completing a survey that will help us explore this association. Participating in this study is voluntary.

This survey is being conducted in collaboration with Matthew Moront, MD, Dominick M. Carella, RN, MSN from St. Christopher's Hospital for Children and Heidi Dalton, MD, FCCM and Alicia Schmidt, RN, BSN from Phoenix Children's Hospital and will take about 5 minutes to complete. We plan to use these survey results to examine the association between ECMO pump team composition and outcome. After the survey has finished, ELSO will provide the necessary registry data for this analysis. Although we ask you to include your institution name, this is only for tracking purposes and will not be used to identify individual institutions in the analysis. ELSO will link our survey results with institution then create a random identification number in place of institution name. The data analyst will not receive registry data with institution name.

For your privacy we are using Secure Sockets Layer (SSL) on Survey Monkey to encrypt all surveys. SSL is used for transmitting information privately over the Internet. Many corporations and academic institutions require SSL when collecting data. SSL is supported in all modern browsers.

By clicking "start survey" you are giving your consent to participate in this study.

You or your institution will not benefit directly from participating in this survey. However, the study results may be used to provide documentation about whether the type of professional who runs the ECMO pump has an effect on outcome, which may change practice patterns in some states. This may lead to a broader availability of ECMO.

Thank you for your consideration in completing this important work.

<https://www.surveymonkey.com/s/ECMOSurvey>

Dominick M. Carella RN MSN  
ECMO Coordinator  
St. Christopher's Hospital for Children  
Philadelphia, PA



# 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!!**

Clinical Coordinator

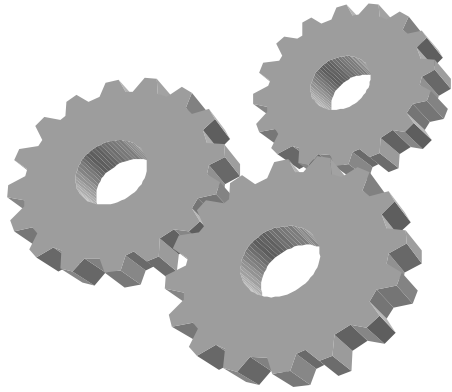
The Children’s Hospital- Denver

Karen Barber, RN Sr. Healthcare Recruiter

[Barber.karen@tchden.org](mailto:Barber.karen@tchden.org)

720.777.8589

[www.thechildrenshospital.org/about/careers/apply.aspx](http://www.thechildrenshospital.org/about/careers/apply.aspx)



## **ELSO Corporate Member Announcements**

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

**Coming soon!**