



Newsletter

December 2013

Announcements

ELSO Research Grants

The ELSO Research Grant Program has now been underway for five years. This year 61 applications were received. The notifications of awarded grants will be announced in the coming weeks. The list of ELSO Grant awardees and the current status of other research supported by these grants will soon be listed on the website under the heading of the Protocols Committee. All of the ELSO projects have been presented at the annual meeting, and many have gone on to publication and further research projects.

2014 Meeting

The 25th anniversary meeting of ELSO will be in Ann Arbor, Michigan September 16-18, 2014 with a pre-conference symposium September 15-16. Note that these dates are in the middle of the week because all the hotels are booked for football crowds on the Saturday before and after the conference. If you are considering coming to the meeting and would like to extend your

time to join into the football frenzy on a Saturday, please let us know. The chairman of the local arrangements committee is Dr. Ron Hirschl. He and Peter can help with your arrangements for meeting or other activities.

As the 25th anniversary this meeting will feature some of the beginnings and history of ELSO. If you have photographs, comments, or memories to share please send them to the ELSO office. More details on this and other meetings and courses can be found below.

Protocols Committee

Dr. Dan Brodie is heading up two major projects. The first is a “white paper” statement on what constitutes an ECMO Center. This is being done in conjunction with ELSO members around the world. The Protocols Committee is also updating the Guidelines for Patient Management on the website, and undertaking an ambitious project to thoroughly annotate the Guidelines with detailed literature and expert reviews of the important topics.

Devices and Techniques Committee

Bill Harris and Dr. Bartlett are recruiting a committee member from each of the important medical industries that support prolonged extracorporeal circulation. An industrial committee meeting at the annual meeting and supporting joint efforts in regulatory issues are on the agenda for the committee. It is noteworthy that the FDA recently reclassified devices for prolonged extracorporeal circulation from Class 3 to Class 2. This reclassification will greatly facilitate the medical industry to bring devices for prolonged support to market. This reclassification on

the part of the FDA was stimulated, in part, by ELSO's long standing discussions with FDA to explain the procedure, the indications, and the patient groups which we serve.

ELSO Chapters

The third meeting of EuroELSO will be held in Paris on May 22-24, 2014. The EuroELSO group has been very active, particularly in preparing the white paper on ECMO centers and interacting with the European Society of Intensive Care Medicine. The first two meetings were very well attended and presented fascinating programs. The first meeting of the Asia/Pacific ELSO chapter (APELSO) was held in Beijing in October. Over 800 people attended from 11 different Asia/Pacific countries. Drs. Long and Zhou from the host center in Beijing did a spectacular job of providing a stimulating program. Dr. Graeme MacLaren, chair of APELSO, hosted the representatives of the member countries and planned the future of APELSO including the next meeting to take place in Kyoto Japan in 2015. Plans are underway for the Latin American chapter of ELSO. The first meeting is scheduled to be held in Sao Paulo Brazil December 4-6, 2014. The South and West Asia Chapter will be having their first meeting February 1-2, 2014 in Hyderabad India.



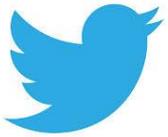
Facebook

If you use Facebook please visit our sites and “like” us! We intend to use Facebook as a way to present information to not only ELSO members but to anyone who is interested in our organization.

www.facebook.com/ELSO.org

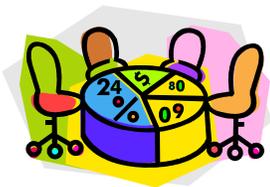
Euro-ELSO also has a Facebook page so be sure to visit that as well!

www.facebook.com/EuroELSO



Twitter

Follow us on twitter! www.twitter.com/ELSOOrg



MEETINGS

25th Anniversary ELSO Conference in conjunction with the AmSECT Pediatric
Perfusion Conference
September 16-18, 2014, Ann Arbor MI

A separate pre-conference workshop
September 15-16, 2014

Reception this year will be in the big house!
www.elsonet.org

The 30th Annual CNMC ECMO Symposium
February 23 - 27, 2014
Keystone, Colorado
www.ecmomeeting.com

3rd Euro-ELSO meeting
May 22-24, 2014
Paris, France
www.paris-euroelso2014.com

The 1st South and West Asia ELSO meeting
February 1-2, 2014
Hyderabad, India
www.swacelso.com

The 1st Latin-American ELSO meeting
December 4-6, 2014
Sao Paulo Brazil
Details coming soon!

SEECMO 2014
April 4-6, 2014
Providence, RI

Contact: Cynthia Devers RRT-NPS | 401.444.4807 | cdevers@lifespan.org



TRAININGS

Extracorporeal Life Support in Adult Critical Care An ELSO Course June 18-21, 2014 Iowa City, IA

This intense four day course is designed for physicians and specialists caring for adult patients with severe acute respiratory and cardiac failure who may be candidates for Extracorporeal Respiratory Support. Common diagnoses considered for adult 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 ECMO, programmatic design and management, and all aspects of patient management and decision making for patients on ECMO. Complementing the twelve hour didactic course is an eighteen hour high fidelity simulation lab with an ECMO circuit utilizing centrifugal pump technology. All learners will participate in a four hour "ECMO Essentials 101" simulation workshop before the didactic sessions to review the fundamentals of bedside ECMO, such as, a circuit check, equipment components, alarms, pressure monitoring, stopcocks and pigtails, drawing samples from the circuit, de-airing the circuit, and hand cranking the pump. The goal is to immerse the learner in ECMO terminology and concepts before the didactic course to enhance the learning process. In the conference simulation workshop, small groups will participate in scenarios reviewing emergency procedures and highlighting adult ECMO physiology with a learner to instructor ratio of 2:1. Simulation education will allow participants to develop skills in common bedside procedures and to learn key assessments 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.

Registration per person is \$2,500 and includes the ECMO Specialist Training Manual and the Red Book.

Space limited to 48 registrants!

Information will soon be available on our website with details when registration will be opening.



Award of Excellence

ELSO is pleased to showcase this year's centers who received the award of excellence is life support!

The 2014 application will soon be available on our website.

2013 – 2016

Children's of Alabama
Birmingham, Alabama

The Royal Hospital for Sick Children
Glasgow Scotland

University of Arizona Medical Center
Tucson Arizona

Rady Children's Hospital of San Diego
San Diego, California

UW Health
Madison, Wisconsin

Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio

Riley Hospital for Children at Indiana University Health
Indianapolis, Indiana

Doernbecher Children's Hospital-OHSU
Portland, Oregon

Massachusetts General Hospital
Boston, Massachusetts

ECMO Centrum Karolinska University Hospital
Stockholm Sweden

Children's Hospital of Michigan
Detroit, Michigan

Kosair Children's Hospital
Louisville, Kentucky

Advocate Children's Hospital-Oak Lawn
Oak Lawn, Illinois

Nemours/AI duPont Hospital for Children
Wilmington, Delaware

University of Michigan Health System
Ann Arbor, Michigan

Children's Healthcare of Atlanta at Egleston
Atlanta, Georgia

Boston Children's Hospital
Boston, Massachusetts

Columbia University Medical Center
New York-Presbyterian Hospital
Morgan Stanley Children's Hospital
New York, New York

Cohen Children's Medical Center
New Hyde Park, New York

Women & Children's Hospital of Buffalo
Buffalo, New York

Primary Children's Hospital
Salt Lake City, Utah

The Alfred Hospital
Melbourne, Victoria , Australia

Children's Hospital of Pittsburgh of UPMC
Pittsburgh Pennsylvania

Seattle Children's Hospital
Seattle, Washington

Duke University Medical Center
Durham, North Carolina

Children's National Medical Center
Washington, DC

University of Iowa Hospitals and Clinics
Iowa City, Iowa

Nationwide Children's Hospital
Columbus, Ohio

University of Minnesota's Amplatz Children's Hospital
Minneapolis, Minnesota

Medical City Children's Hospital
Dallas, Texas

Legacy Emanuel Medical Center & Randall Children's Hospital at Legacy Emanuel
Portland, Oregon

Children's Hospital of Illinois
Peoria, Illinois

Lucile Packard Children's Hospital
Palo Alto, California

Wolfson Children's Hospital
Jacksonville, Florida

Phoenix Children's Hospital
Phoenix, Arizona



SURVEYS



At the request of several centers, the steering committee has decided to include links to center surveys in ELSO's periodic newsletter. 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).

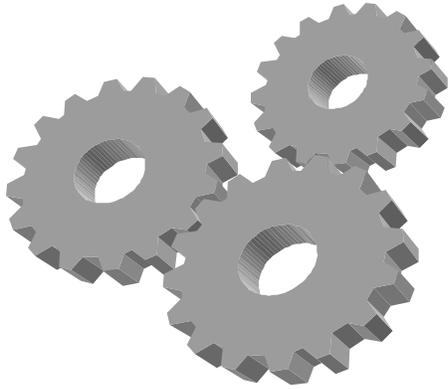
Dear ECMO provider,

We are requesting the participation of neonatal ECMO providers/ECMO coordinators in a survey regarding the use of cephalic draining cannulae in neonatal respiratory ECMO. The survey consists of 7 questions and should take approximately 5 minutes to complete. Please click on the following link to complete the survey:

<http://www.surveymonkey.com/s/NM9ZYG3>

Thank you for your participation.

Jessica Roberts, MD
Fellow in Neonatal Medicine
Emory University
Children's Healthcare of Atlanta



ELSO Corporate Member Announcements

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

From Origen Biomedical:

OriGen wire reinforced catheters were approved by the FDA for use in the US on July 26, 2012. All sizes are scheduled to be ready by March 2014.