



# Newsletter

December 2015

## Announcements

### Chair's Note

Dear ELSO Community,

As 2015 winds down, it offers a chance to reflect on the year in ECMO and ELSO. Samplings of the accomplishments include:

- Phenomenal global growth in adult ECMO continues, as reflected in our Registry database results
- ELSO's global chapters continue to advance and flourish, with tremendous chapter conferences over the past year in Sao Paolo, Bangalore, Regensburg and Kyoto. We have 6 of our guidelines translated into Spanish available on our website in the Guidelines section thanks to our Latin American ELSO colleagues. Dr. Long and Dr. Zhao have translated the ECMO Specialist Training Manual into Chinese and are distributing it to their colleagues.
- ELSO named its inaugural Fellows of the Extracorporeal Life Support Organization (FELSO)
- ELSO educational initiatives continue to blossom, including partnering with several other organizations, including SCCM and STS, to present and plan highly popular educational courses
- Multiple ELSO Guidelines were revised and developed, and now on the website, with more to come.
- The ELSO Registry moved closer to an updated application-now to be beta tested (see below)
- Work on a Red Book revision began, with an updated outline and plans for release in 2016

-A new individual ELSO membership was approved-look for the online application coming soon to the Website!

-ELSO itself moved forward as a stand-alone nonprofit organization, allowing for greater agility to respond with program development and offerings

On the individual side, we share a wonderful recent story from Children's National Medical Center on Dr. Billie Short, one of our recent FELSO awardees. You can view the release here for your holiday pleasure: [http://childrensnational.org/choose-childrens/deciding-on-care/our-stories/emilees-story?sc\\_lang=en](http://childrensnational.org/choose-childrens/deciding-on-care/our-stories/emilees-story?sc_lang=en)

And on a personal note, this forum gives me an opportunity to thank everyone in our community for the incredible kindness shown to me and our family following the recent and sudden loss of our young grandson, George. Your thoughts, prayers, e-mails, texts, cards, flowers, memory fund donations and general kindness were overwhelming and unforgettable. I was reminded of the original purpose of ELSO, to create a true community for delivering ECMO. I felt that community from around the world in a very different and powerful way. I share my wish for you all of restful, safe and meaningful holidays, and the best New Year imaginable.

Sincerely,

Jim

## **Euro-ELSO 2016 Research Grant Application**

All applications must be received by March 1, 2016! Notifications will be announced around April 1, 2016. Euro-ELSO will award a total of 3 research grants for €10,000 each. See attached documents for more information.

### **Beta testing open on new data entry system!**

Please visit: <https://www.else.org/BETAtest.aspx> to beta test the new online data entry program. The beta test is open to all ELSO centers who currently enter data and we encourage as many of you as possible to give it a test ride! All data entered will not be stored and this should be used to find any issues in the application and to solicit your feedback. Because this is in beta test mode the data may be re-uploaded without notice to fix problems. Your existing log in credentials will work for signing in but new logins will not work as the user information was taken from a snapshot of the existing application. If you could examine old records, add new ones it would be greatly appreciated. We are working on a detailed instruction set but for right now it should be easy to navigate.

The new data entry system now has severity of illness scoring, timing of complications so we can report how often and when a completion happens within a run, ICD-10 diagnoses and procedure coding and much more! You will find that within the run you will now have a new section called the 'Run Detail' where a detail is defined as when a patient switches mode from VV to VA (or VA to VV), leaves or enters your hospital on ECMO, etc. This will allow us to determine what equipment and complications occur during each detail. For the vast majority of cases there will be just one run detail.

Have fun! Let us know what you think. Our plan is after the new application is released we will work on having the reports to be on demand so centers can get patient lists, center statistics any time they wish!



## **ELSO Award for Excellence in Life Support Now open for 2016 applications!!**

If you last applied for the Award before 2014

Your Award has Expired!

**The Application Deadline is MARCH 1<sup>st</sup> 2016**

**To be awarded at the Euro ELSO Conference**

**The Application Deadline is MAY 1<sup>st</sup> 2016**

**To be awarded at the USA ELSO Conference**

Absolutely no late applications will be accepted!!!

If your centers' Award expires in 2016, you must apply for renewal by May 1, 2016 to assure continuous designation as a Center of Excellence.

Please visit the Center of Excellence webpage on [www.elseo.org](http://www.elseo.org)

**New!! Scoring information available on:**

Path to Excellence Readiness Tool or the Award for Excellence Readiness Tool

All Centers considering applying for the Path to Excellence or the Award for Excellence should read the Center of Excellence Committee Policy and Procedures.

For further information please email [award@elseo.org](mailto:award@elseo.org)



# MEETINGS

## **27<sup>th</sup> Annual ELSO Conference**

[www.elseo.org](http://www.elseo.org)

September 15-18, 2016

San Diego, CA USA



## **32<sup>nd</sup> Annual Keystone Meeting**

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

February 28 – March 3, 2016

## **3<sup>rd</sup> SWACELSO Meeting**

[elseo-swac2016.org](http://elseo-swac2016.org)

March 16-19, 2016

Abu Dhabi, UAE



## **5<sup>th</sup> Euro-ELSO Meeting**

[glasgow-euroelso2016.com](http://glasgow-euroelso2016.com)

June 1-4, 2016

Glasgow, UK



## **2<sup>nd</sup> Annual Latin-America ELSO Meeting**

[www.elsocancun2016.com](http://www.elsocancun2016.com)

November 30 – December 2, 2016

Cancun, Mexico



## **SCCM/ELSO ECMO Management Course**



February 25-26, 2016

University of South Florida Health Center for Advanced Medical Learning and Simulation

Tampa, Florida, USA.

<http://www.sccm.org/Education-Center/Annual-Congress/Program/Pages/default.aspx>

## **STS/ELSO ECMO Symposium**



March 11-13, 2016

Tampa, Florida

<http://www.sts.org/ecmo>



# TRAININGS

## Extracorporeal Life Support in Adult Critical Care An ELSO Course

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 \$3,500 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 about upcoming dates and locations.



# 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@elso.org](mailto:prycus@elso.org)).

There is a paucity of good literature to help guide ECMO physicians as they make decisions regarding ventilation strategies during an ECMO run. While there has been some literature (survey based) that has started to answer this question, these studies do lack some fundamental details regarding ventilation practices. The purpose of this study is to describe diagnostic, and interventional ventilation strategies both nationally and internationally during an ECMO run.

PI: Lakshmi Raman

CoPi: Christopher Jenks

University of Texas Southwestern Medical Center at Dallas

Survey Link: <https://www.surveymonkey.com/r/CJenks>



## **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](http://www.facebook.com/ELSO.org)

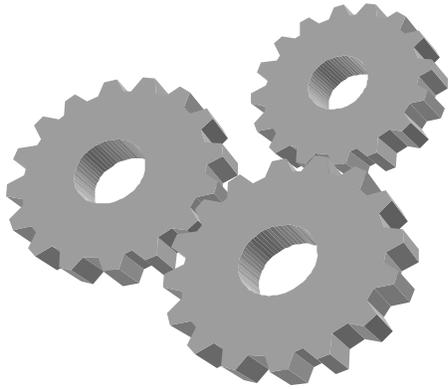
Euro-ELSO Facebook page:

[www.facebook.com/EuroELSO](http://www.facebook.com/EuroELSO)



## **Twitter**

Follow us on twitter! [www.twitter.com/ELSOOrg](http://www.twitter.com/ELSOOrg)



## ***ELSO Corporate Member Announcements***

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