

Please forward this newsletter to your entire ECMO team!



# Newsletter

July 2016

## Announcements



### Letter from the Chair

Dear ELSO Community,

I'm hopeful that the summer has allowed many of you to take time away from work to spend it with family and friends in relaxation, travel and rest. I also hope that all have remained safe in the midst of the global events and unrest. The growth worldwide of ELSO continues, again illustrated in June by the broad international attendance of nearly 1200 participants at the tremendously successful EuroELSO Annual Congress in Glasgow. Kudos to the Planning and Scientific Committees for an intellectually and socially invigorating congress. One highlight there was a young woman whose life was saved by ECMO getting to meet, Dr. Bartlett, the man who helped make ECMO happen. They made the front pages of the Glasgow daily! Excellent programs are on the horizon at the upcoming ELSO Annual Congress in September in San Diego, and the Latin American ELSO Congress in Cancun in November! Please plan to attend one or both.

One outgrowth of our continued development is the new opportunity to become an Individual Member of ELSO. This membership is distinct from membership of your Center in ELSO. The opportunity allows not only providers at ELSO centers, but those worldwide who are not yet an ELSO center, to gain the benefits described below. Please consider the perks below and the opportunity to more directly engage in ELSO. Center medical directors and coordinators, please forward this newsletter to all your teams to give them the chance to join hundreds who have already signed up to become ELSO Members! Go directly to [www.else.org](http://www.else.org) to join now.

We also encourage everyone to go online and participate again in the ELSO Discussion Board online through our website. ELSO Center members only need to receive a login from their coordinator. We encourage you to proactively provide all your team with login access.

Here's to a safe summer!

Sincerely,

Jim

James D. Fortenberry MD, MCCM, FAAP

President and Chair, Extracorporeal Life Support Organization

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## ELSO INDIVIDUAL MEMBERSHIPS

Join Us!

### ELSO Membership

- ECMO clinicians, research scientists, and members of regulatory and public health institutions are now eligible for membership in ELSO.
- Membership allows physicians, nurses, perfusionists, respiratory therapists, researchers and others healthcare professionals to become more directly involved in the world's largest ECMO community.
- Affiliation with an ELSO Member Center is not necessary to apply
- Members receive benefits separate from Member Center privileges

### Benefits of membership include:

- Direct participation in the world's largest ECMO community
- ELSO Member Newsletters
- ELSO Registry Data Reports— July 2016 Reports available on website!
- Discounts on one copy of the ELSO Red Book (\$20 off list price) and one copy of the ECMO Specialist Manual (\$5 off)
- 10% discount on Annual ELSO Conference Registration fee
- Official Certificate of ELSO Membership
- Admission to the Members-Only Business Meeting at the Annual ELSO Conference
- Discounted registration rates for global ELSO Chapter Conferences (EuroELSO, Asia-Pacific ELSO, Latin-America ELSO, South & West Asia ELSO)
- Access to the ELSO Online Discussion Board
- Access to ELSO Online ECMO Knowledge Assessment Examination (Certificate of Completion included upon successful completion)
- Eligibility to participate in ELSO Committees and Working groups

Please visit us at <http://www.else.org/members/individualMembership.aspx>

*Please note that for the 10% discount on the Annual North American ELSO conference it can take up to 2 weeks to import your discount code into the CVENT registration program.*

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## UPCOMING MEETINGS AND COURSES

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**27th Annual ELSO Conference in Conjunction with AmSECT**  
**09/15/2016 - 09/18/2016**  
<http://www.cvent.com/d/yfq8np>  
Location: San Diego, CA

**ELSO Adult ECMO Training Course**  
**11/02/2016 - 11/05/2016 -Registration Closed-**  
Location: Emory Conference Center, Atlanta GA



**2nd Annual Latin American ELSO Conference**  
**11/30/2016 - 12/02/2016**  
<http://elsocancun2016.com/>  
Location: Cancun, Mexico



### NEWSLETTER EDITORS NEEDED!!!

We are seeking to provide more frequent and informative newsletters for our members, with both administrative and educational information. Please contact Peter Rycus at [prycus@elso.org](mailto:prycus@elso.org) if you would like to be part of the ELSO newsletter editorial staff.

### WELCOME TO ELSO!!!

Please welcome our newest member to ELSO, Kennethia Banks-Borden. Kennethia will be assisting Peter Rycus at the Ann Arbor location. Kennethia comes to us with 20 years of Healthcare experience. She has a strong background in healthcare administration from various healthcare institutions with two of them being the Cincinnati Children's Hospital in the Division of General Pediatric & Thoracic Surgery and The Cleveland Clinic Foundation in the Department of Transplant and Cardio-Thoracic Surgery. Please extend a warm welcome to Kennethia! [kbanksborden@elso.org](mailto:kbanksborden@elso.org)

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## TRAINING

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

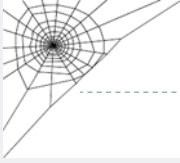
This intense four day course is designed for physicians and specialists caring for adult patients with severe acute respiratory and cardiac failure who may be candidates for Extracorporeal Respiratory Support. Common diagnoses considered for adult ECLS support include: H1N1, other viral or bacterial 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 [www.else.org](http://www.else.org) with details about upcoming dates and locations.



**Please forward this newsletter to your entire ECMO team!**

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## WEBSITE CORNER

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The ELSO Website is up and running at [www.else.org](http://www.else.org)! Please stop by and see what you may have been missing! All ELSO Member institutions have an Administrative Account for your ELSO Registry data entry. This account can create separate accounts for your local physicians and ECMO Specialists. Contact your local ECMO Coordinator to get your accounts set up!

Key areas of the website to look at are:

- [ELSO Guidelines](#) : Provides PDFs of the recommendations from the various ELSO Committees. Very valuable for talking with your administrators about new or updating policies!
- [ELSO Job Postings](#): Need a new job in ECMO? Need to post a job for an ECMO Specialist or ECMO Coordinator? Fill out the form and you'll have access to the rest of the ELSO community!
- [Discussion Board](#) : Have a question that you've always wanted to ask? Have a weird case that left you scratching your head? Ask your questions and post your experiences to the ELSO Discussion Board. We have a community of folks that want to talk ECMO with you!

### Discussion Board Topics of the Month

Here we will list the hottest topics on the web. Stop by and provide your input!

- [Primed Circuits](#): How long do you keep your ECMO circuits primed with crystalloid?
- [Hemolysis On Centrifugal Circuits](#): How are you testing and what do you do about the results?
- [Triggers for Blood Transfusion](#): What are your lab or patient thresholds for transfusing on ECMO?



### Discussion Board Contributor of the Month

Congratulations to Derek Best from The Royal Children's Hospital of Melbourne! Keep those posts coming!



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

### SURVEY: CONGENITAL DIAPHRAGMATIC HERNIA PATIENTS DURING ECMO SUPPORT

Dear ECMO provider,

Pediatric patients with congenital and acquired heart disease continue to serve as the most common patient population utilizing extracorporeal cardiopulmonary resuscitation (E-CPR). However, E-CPR practice patterns remain highly variable amongst pediatric cardiac critical care providers. We are seeking the expertise of providers who care for children with acquired and/or congenital heart disease and would like to invite you to participate in a survey aimed at identifying common themes in E-CPR practices. Our focus is on the management of patients before ECMO cannulation while performing active CPR. This questionnaire has been approved by Institutional Review Board of Baylor College of Medicine/Texas Children's Hospital and will serve to guide further scientific inquiry, ultimately driving improvement in survival and neurologic outcomes in this high risk population.

We appreciate your participation and valuable input in this important study. The survey link is included below and will be open for 4 weeks.

[https://www.surveymonkey.com/r/ECPR\\_PRACTICE](https://www.surveymonkey.com/r/ECPR_PRACTICE)

Results will be aggregated and shared via peer-review publication.

Sincerely yours,

Javier J. Lasa, MD  
Alexis Topjian, MD  
Tia Raymond, MD  
Michael Gaies, MD  
Lara Shekerdemian, MD

Parag Jain, MD  
Mela Bembea, MD  
Vinay Nadkarni, MD  
Paul Checchia, MD  
Ravi Thiagarajan, MD



Dear Colleagues,

We invite you to participate in our survey to help determine different ventilation strategies, indications for ECMO, and surgical preferences of congenital diaphragmatic hernia patient while on ECMO support. This a fairly short survey and will likely only take about 5-10 minutes of your time. All questions have the opportunity to be skipped if it does not apply to you. As you know there is a paucity of good literature to help guide ECMO physicians as they make decisions regarding ventilation strategies of CDH during an ECMO run. The purpose of this study is to describe ventilation strategies both nationally and internationally during an ECMO run.

Survey Link: <https://ais.swmed.edu/redcap/surveys/?s=DFLN34L94R>

Thank you for your consideration

Christopher Jenks MD  
UT Southwestern Medical Center

Lakshmi Raman MD  
UT Southwestern Medical Center



## 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:

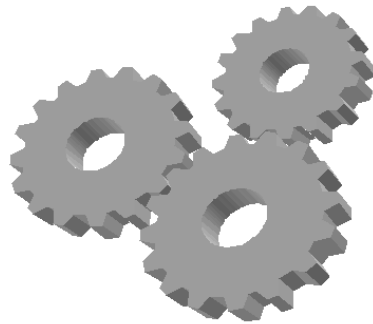
[www.facebook.com/EuroELSO](http://www.facebook.com/EuroELSO)



## Twitter

Follow us on twitter!

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## *ELSO Corporate Member Announcements*

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