

Please forward this newsletter to your entire ECMO team!



The FLOW

August 2016

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Letter from the Chair

Dear ELSO Members,

Welcome to “The Flow”, our next step in advancing communication with our ELSO center and individual members. We are seeking to provide more frequent and updated news and information for your benefit. We will be providing this newsletter approximately once per month. You will see expanded content and updates. We are growing an editorial team, and would like to invite you to join the team and contribute. You can become a member of the editorial group by contacting kbanksbor-den@elso.org or Joel.Davis@choa.org. We also are soliciting for brief educational pieces for review and inclusion in the newsletter, and these may also be submitted via e-mail. We hope to see “The Flow” increase and help provide even better connection with you!

We take our members’ privacy seriously. Over the past year, we have noted or been informed of an increasing number of marketing materials and surveys being sent to our members using e-mail address lists culled from our website. While the addresses are now “protected” behind member logins from external use, ELSO members may also be accessing the lists for broad use. While the surveys are potentially very valuable, we are committed to protecting the privacy of our members. We attempt to collate survey in our newsletter for centers and members to participate in at their discretion. Surveys and other material may also be shared on the ELSO discussion board on the website. We remind everyone of the conditions of use of our website which can be found at <http://www.elso.org/TermsOfUse.aspx>.

If you have concerns about the improper use of e-mails or comments/opinions on the idea of opting in/out with broader use of email addresses, please contact me at james.fortenberry@choa.org

Surveys are encouraged for submission to be distributed via “The Flow”!

We encourage you to take the survey from Dr. Malaika Mendonca on Ventilation Practices in VA ECMO https://www.surveymonkey.com/r/Ventilation_Strategies. The survey results will be shared at our upcoming annual ELSO conference, September 15-18 in San Diego. We are anticipating a great attendance there, and hotel rooms are going fast!

Sincerely,

Jim

James D. Fortenberry MD, MCCM, FAAP
President and Chair, Extracorporeal Life Support Organization

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 other 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.

The 27th Annual ELSO Conference in Conjunction with AmSECT is only a few weeks away. We have over 500 registrants, over 15 exhibitors, and 97 abstracts. We look forward to seeing you all there. If you have not already registered you may do so at <http://www.event.com/d/yfq8np>

Take part in the preliminary meeting of the Adult ECMO Working Group on Friday, Sept. 17th @ 5pm (Grand A)

UPCOMING MEETINGS AND COURSES



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

SCCM/ELSO ECMO Management Course

09/29/2016 - 09/30/2016 (Registration Closed)

Location: University of Arizona Simulation Center, Phoenix, AZ

Two Day ECMO Management Course

01/20/2017—01/21/2017

Registration is through <http://www.sccm.org>

Location: Ala Moana Hotel in Honolulu, Hawaii



33rd Annual Children's National Symposium:

ECMO and the Advanced Therapies for Respiratory Failure

02/26/2017 - 03/02/2017

<http://www.cvent.com/d/1fqxtc>

Location: Keystone, Colorado USA



2nd Annual Latin American ELSO Conference

11/30/2016 - 12/02/2016

<http://elsocancun2016.com/>

Location: Cancun, Mexico



THE FLOW NEWSLETTER EDITORS NEEDED!!!

We are seeking to provide more frequent and informative newsletters for our members, with both administrative and educational information. Please contact Kennethia Banks-Borden at kbanksborden@elso.org and Joel Davis at Joel.Davis@choa.org if you would like to be part of the ELSO newsletter editorial staff.

Awards for Excellence September 2016—September 2019

Award for Excellence in Life Support Platinum Level



Children's Healthcare of Atlanta
Children's of Alabama
Duke University Hospital
New York-Presbyterian Hospital/Columbia University Medical Center and Morgan Stanley
Children's Hospital
The Alfred Hospital, Melbourne, Australia

Award for Excellence in Life Support Gold Level



Advocate Children's Hospital Oak Lawn
Banner University Medical Center Tucson, AZ
Boston Children's Hospital
Children's Hospital of Illinois
Children's Hospital of Pittsburgh of UPMC
Children's National Health System
Cincinnati Children's Hospital Medical Center
Cohen Children's Medical Center, NY
Doernbecher Children's Hospital
ECMO Center Karolinska, Sweden
Joe DiMaggio Children's Hospital
Kosair Children's Hospital
Legacy Emanuel Medical Center & Randall Children's
Lucile Packard Children's Hospital Stanford
Massachusetts General Hospital

Mater Misericordiae University Hospital, Dublin, Ireland
Medical City Children's Hospital
Nationwide Children's Hospital
Nemours Alfred I. duPont Hospital for Children
Ochsner Clinic Foundation
Phoenix Children's Hospital
Piedmont Atlanta Hospital
Primary Children's Hospital
Pusan National University Yangsan Hospital, South Korea
Rady Children's Hospital Of San Diego
Riley Hospital for Children
Royal Hospital for Children, Glasgow
Rush University Medical Center
Seattle Children's Hospital
The University of Texas Medical Branch
University of Alabama Birmingham
University of Iowa Hospitals and Clinics
University of Michigan Health System
Women & Children's Hospital of Buffalo

Pathway To Excellence in Life Support



Abbott Northwestern Hospital, Minneapolis, MN
Advocate Condell Medical Center
Baylor Scott and White, Temple, TX
Beaumont Health Royal Oak, MI
Florida Hospital Olando
Hospital Christus Muguerza Alta Especialidad
Houston Methodist Hospital
Nippon Medical School Hospital ECMO Program, Tokyo
Seton Medical Center Austin
Swedish Health Services/Swedish Heart & Vascular Institute
Vidant Medical Center Greenville, NC

Extracorporeal Life Support Organization, Program Director Ballot 2016 Results

Congratulations to the newly elected members of the ELSO Steering Committee beginning September 2016!!

Chairman Elect

Mark Ogino MD

Dr. Ogino's is the Medical Director of the Nemours Partnership Network, Director Critical Care Services, Medical Director Nemours Partners for Perinatal Management at Nemours Children's Health System. Dr. Ogino's passion is education and his clinical expertise and focus is in the field of Extracorporeal Life Support (ECLS). He has been an active member of the Extracorporeal Life Support Organization (ELSO) and served as the Chair of Logistics and Education and member of the Steering Committee from 2009-2015. During his term, Dr Ogino was responsible for developing the ELSO educational programs that are now established throughout the United States and globally in 4 continents. He is currently the Global Director of Education for ELSO. He remains actively involved with the international extracorporeal life support community, sharing his passion in the education of medical teams using advanced learning methods.

Registry Committee Chairman

Ryan Barbaro, MD

Dr. Barbaro is a pediatric intensivist and the Pediatric Co-Director of ECMO at the University of Michigan. He is also a data scientist with a masters degree in statistics and research design. Dr. Barbaro recently published the first risk adjustment model for neonatal and pediatric respiratory ECMO. He is applying these two models to aid in the measurement of center outcomes and to better understand which processes of care are associated with improved survival. He hopes to bring this training and application to the Extracorporeal Life Support Organization by joining the Steering Committee as the Registry Committee representative.

Member At-large

Giles Peek, MD

Dr. Peek has been involved with ECMO and ELSO since 1994 when "men were real men, women were real women and small furry creatures from Alpha Centuri were real small furry creatures from Alpha Centuri", in those days oxygenators were made of silicone and pumps had a raceway. Since then he was PI of the CESAR trial, coordinated the national ECMO response for H1N1 in the UK, has served as Chair of the Devices and Techniques committee and the inaugural chair of EuroELSO. He has also been a member of the ELSO guideline group, contributed to the ECMO specialists training manual, helped to edit the 3rd and 5th editions of the "Red Book". In January 2015 he moved to New York and continues as an active ECMOlogist and Director of an ELSO member center. Having now completed his move to the US he would like to serve the ELSO community once again and would bring a unique global perspective to the steering committee.

Ravi Thiagarajan, MD

Dr. Thiagarajan is a cardiac ICU physician at Boston Children's Hospital and has extensive experience with ECMO management. Along with Dr. Paden (Emory, Atlanta), he served as the registry co-Chair for the last 6 years. He is published extensively on pediatric ECMO and is interested in investigating and improving outcomes for children support with ECMO for cardiac disease and those supported following cardiopulmonary resuscitation.

Kenneth “Palle” Palmer, MD

Dr. Palmer is a Associate Professor, ECMO Physician, and Critical Care Director at the Karolinska ECMO Center at the Karolinska University Hospital in Stockholm, Sweden. Dr. Palmer is the leading contributor to the development of ECMO Center Karolinska since 1986 and the main force behind the development of ECMO transport services at the Karolinska University Hospital. Dr. Palmer has been a vital contributor to improving and implementing ECMO in intensive care worldwide.

Cara Agerstrand, MD

Dr. Agerstrand is an Assistant Professor of Medicine and Assistant Director of our Medical ECMO Program at Columbia/New York-Presbyterian Hospital. She is trained in pulmonary and critical care medicine and has extensive experience managing all manner of adult ECMO patients at a high-volume ECMO center. Dr. Agerstrand is becoming a leader in the field with multiple publications pertaining to ECMO. She has a particular interest in education and simulation in ECMO, and is currently the Medical Director of our ECMO simulation program. Dr. Agerstrand is committed to ELSO and has served on subcommittees including the ELSO Education Sub-committee and the ELSO Guidelines Sub-committee, and has served as faculty at numerous ELSO simulation courses, as well as at the American College of Chest Physician's Mechanical Ventilation and ECMO simulation sessions.

P ***lease Welcome Dr. Michael McMullan as the new Chairman Elect and thank Dr. Jim Fortenberry who will become the new past chairman of the ELSO Steering Committee.***

We would like to recognize the individuals below whose term is ending from the Steering Committee this September. We thank you for your dedicated services, time, and commitment to servicing on the ELSO Steering Committee.

- Dr. Jim Fortenberry Chairman
- Dr. Mike McMullan Chairman elect
- Dr. Bill Lynch Past Chair
- Dr. Ravi Thiagarajan Registry
- Dr. Matt Paden Registry
- Dr. Ivor Berkowitz at large
- Dr. Thomas Pranikoff at large
- Mr. Bill Harris, CCP Perfusion Liaison

Need to Know

 Open Registration For The Two Day ECMO Management Workshop Co-located With SCCM In Honolulu, Hawaii

WHEN: Friday, January 20th & 21st, 2017
WHERE: Ala Moana Hotel in Honolulu, Hawaii
REGISTRATION: Through [HTTP://WWW.SCCM.ORG](http://www.sccm.org)

UPDATE ON NONTUBERCULOUS MYCOBACTERIA (NTM) INFECTIONS AND HEATER-COOLER DEVICES FROM THE CIRCULATORY SYSTEM DEVICES PANEL OF THE MEDICAL DEVICES ADVISORY COMMITTEE TO THE FOOD AND DRUG ADMINISTRATION (FDA)

Please note the following notice from the FDA that may have implications for your US center:

<http://www.fda.gov/downloads/AdvisoryCommittees/CommitteesMeetingMaterials/MedicalDevices/MedicalDevicesAdvisoryCommittee/CirculatorySystemDevicesPanel/UCM505732.pdf>



WEBSITE CORNER

The ELSO Website is up and running at 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!

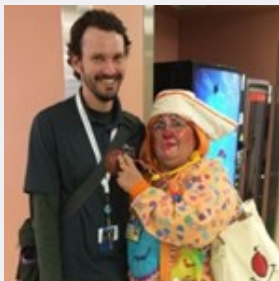
Key areas of the website to look at are:

- [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!

- [Sweep for Quadrox on Infants](#): How do you manage sweep rates on adult quadroxes used on smaller patients?
- [Rapid Fluid Removal Following ECPR w/ Clear Prime](#): How can you get back to a good Hct quickly?
- [Bubble Detection on ECMO](#): Are you using a bubble detector? Does it servo-regulate?
- [Medos Hilite](#): In light of the recent Quadrox shortage, what are people using?



Discussion Board Contributor of the Month!

Congratulations to Matthew Dotson, BSN, RN, CCRN from Johns Hopkins All Children's Hospital in St. Petersburg, FL! Keep those posts coming! And thanks to Matt for providing a candid snapshot into the inner workings of the ECMO program at All Children's!

Logging On

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!



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 Kennethia Banks-Borden at kbanksborden@elso.org

IMPORTANT!! SURVEY: VENTILATION PRACTICES IN VA ECMO

Dear ECMO provider,

'Ventilation strategies during ECMO vary from centre to centre, and very little is published about ventilation strategies for VA ECMO.

This survey is being conducted to identify current ventilation practices during ECMO worldwide, comparing differences and similarities for VV and VA ventilation strategies. Knowledge of these practical aspects will assist the development of research priorities and care standards which are currently lacking in this area.'

https://www.surveymonkey.com/r/Ventilation_Strategies

Malaika Hedwig Mendonca
Division Chief
Clinical Services





Dear ECMO Provider,

In collaboration with ELSO, we are trying to learn about the range of ways in which eCPR is used, in order to improve the care of patients treated with this emerging therapy.

Many of you were contacted in February and kindly responded to our survey. If this applies to you, you will have an option to check a "repeat previous responses" box, so we kindly ask that you begin the survey.

In collaboration with other centers engaged in eCPR and with ELSO, we are requesting that you, or your program coordinator, be so kind as to answer 30 brief questions regarding the characteristics of your center's eCPR program/abilities, such that we may understand the current characteristics of this emerging application throughout world.

As a collaborative, we are trying to gather best practice and knowledge around this emerging application. Please feel free to visit our webpage to learn more about the collaborative.

Answers will be geographically identifiable, but aggregated and otherwise de-identified for analysis.

<http://bit.ly/ELSOeCPR>

If you have any questions or concerns, please do not hesitate to contact me directly.

Sincerely,
Joseph Tonna, MD
Associate Director, ECMO Services



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 Facebook page:

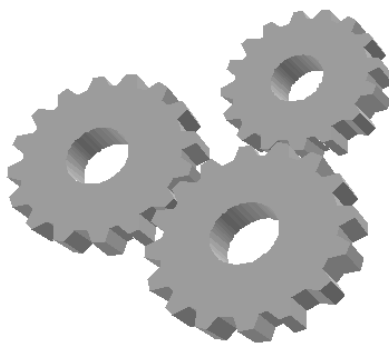
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ELSO OFFICE
2800 Plymouth Road
Building 300 Suite 303
Ann Arbor, MI 48109
Phone 734-998-6600,
Fax 734-998-6602

ELSO Corporate Member Announcements

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

