

APELSO NEWSLETTER

Monday, September 12, 2016

IMPORTANT SURVEY!

We encourage you to take the survey from Dr. Malaiika 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.

Table of Contents

APELSO & Education	1
Steering Committee-Ballot Results	2-3
Letter from President of ELSO	3
Education Committee	4
ECMO Course	5
Upcoming Courses & Meetings	6

APELSO & EDUCATION

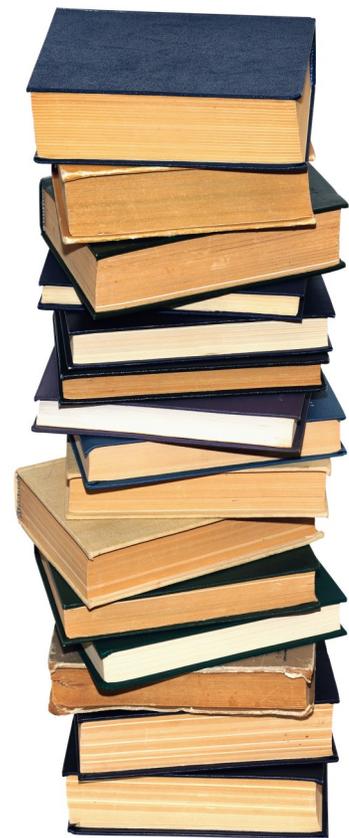
The primary focus of APELSO at the moment is education. The Asia-Pacific region is an extremely diverse part of the world, and clinicians and ECMO centers can be found on all parts of the ECMO Learning Curve.

Over the last few years, APELSO has laid the foundations necessary for the promotion of safe, effective ECMO use. As we move toward our third biennial conference in October 2017, we hope to build upon these foundations. More countries in the region should be recruited to join the Chapter. We would like to see ECMO made more affordable and provide additional resources to clinicians from lower income countries in the region, while continuing to push the boundaries of what ECMO can be used for in more experienced and affluent centers.

Please feel welcome to get involved!

Graeme MacLaren

Chairman, Asia-Pacific ELSO Steering Committee



CHAPTER STEERING COMMITTEE BALLOTT RESULTS

“Times they are
a-changin’...”
Bob Dylan

Attend the upcoming ECMO Management Workshop sponsored by ELSO at the Society of Critical Care Medicine Annual Congress

When:
January 20-21, 2017

Where:
Ala Moana Hotel in
Honolulu, Hawaii

Hear ELSO experts and participate in state of the art ECMO simulation. More information and registration at:

[http://www.sccm.org/
Education-Center/
Annual-Congress/
Program/Pages/
default.aspx](http://www.sccm.org/Education-Center/Annual-Congress/Program/Pages/default.aspx)

We recently conducted a ballot for new members to join the Chapter Steering Committee from among the ELSO centers in the Asia-Pacific. The terms of many of the inaugural steering committee will end in October this year, while the terms of the others will end in October 2017. This was done to provide some continuity for the first changeover. From now on, members will serve three year terms as outlined in the chapter bylaws

<https://www.else.org/Members/Chapters/AsiaPacificELSO.aspx>

I am happy to announce that the following individuals were elected to join the chapter steering committee:

Chair Elect

Yih-Sharnng Chen, *Taiwan*

Education Co-Chair (Medical)

Simon Sin, *Hong Kong*

Members-at-large:

- Toshiyuki Aokage (Japan)
- Hwa Jin Cho (South Korea)
- Yuji Fujino (Japan)
- Xiaotong Hou (China)
- Jae-Seung Jung (South Korea)
- Eva Marwali (Indonesia)
- Adrian C Mattke (Australia)
- Shay McGuinness (New Zealand)



John Fraser (Australia) is staying on as the Conference Committee Chair as he prepares for the next APELSO meeting in October 2017 in Queensland, Australia. Pranya Sakiyalak is also staying on as the Conference Chair Elect – he will be organizing the Chapter Meeting in 2019 in Thailand. Peter Lai, Hong Kong, remains the Education Co-Chair (ECLS Specialist), and Hergen Buscher (Australia) will stay on for one more year as a member-at-large.

I would like to extend my gratitude to those members stepping down from the committee:

- Cheong Lim (South Korea)
- April Retno Susilo (Indonesia)
- Kenny Chan (Hong Kong)
- Shingo Ichiba (Japan),
- John Beca (New Zealand),
- Shu-Chien Huang (Taiwan)

Thank
You

Three individuals also stepping down deserve special mention and thanks:

Cun Long (*China*), who went to incredible lengths to make our first meeting in Beijing such a success.

Ryoichi Ochiai (*Japan*), who managed a similarly herculean task organizing the second meeting in Kyoto last year.

Vin Pellegrino (*Australia*), who is stepping down as Education Co-Chair. Vin was pivotal to APELSO being set up in the first instance and was one of its prime instigators.

Thanks very much to all of them!!



LETTER FROM THE ELSO PRESIDENT

Dear Friends,

Like the changing color of the fall leaves, transition has come to the AP ELSO leadership. Read inside about your new AP ELSO leaders. It is also an opportunity for me to publicly thank Dr. Graeme MacLaren for his exceptional leadership of APELSO as Chair of the Steering Committee. Graeme is not only a worldwide thought leader in ECMO innovation, but has worked tirelessly to build APELSO from its charter. He has put it on a fabulous trajectory. Graeme has created collaboration across two diverse continents, and partnered well with ELSO's other global chapters. The new chair, Dr. Chen, takes the helm of a solid organization thanks to Graeme and the entire APELSO leadership team.

So much is happening in the world of ECMO and ELSO. I wanted to also make you aware of two new ELSO offerings:

- ◆ Individual membership: You now have the opportunity to forge a closer relationship with ELSO as a member. You can join whether your ECMO center is a member of ELSO or not. Joining is simple and membership has its privileges, including discounts on ELSO conference registration, the Red Book and other opportunities. Join today at www.else.org !
- ◆ ELSO ECMO Management Workshop in Hawaii: ELSO is sponsoring a 2 day workshop at the Society of Critical Care Medicine Annual Congress Jan 20-21, 2017 in Honolulu, HI. Hear ELSO experts, including Dr. Mark Ogino and Dan Brodie, and participate in state-of-the-art ECMO simulation by our ELSO Sim Team. Hurry, as the course will fill rapidly-it has sold out every year. More information is available at: <http://www.sccm.org/Education-Center/Annual-Congress/Program/Pages/default.aspx>.

I hope to see many of you at the ELSO Conference in San Diego. Finally, I wanted to mention another change. I'm completing my two years as Chair and President, and Dr. Mike McMullan is assuming the ELSO leadership role for 2016-2018. It has been a distinct honor and pleasure for me to serve, and to watch ELSO and ECMO grow around the world. Thanks for being part of it.

With deep respect,
Jim

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

APELSO EDUCATION COMMITTEE REPORT 2016

Being on the APELSO Education Committee and involved in the work of the Committee with Dr. Vincent Pellegrino has been a truly meaningful way of meeting the missions and visions of ELSO and APELSO. One mission of the Committee is to lead advancement of specialized professional care for people on extracorporeal life support (ECLS) in the Asia-Pacific region. In such regards, the committee has been working with the team of Queen Mary Hospital of Hong Kong to organize an annual adult ECMO training course for international clinicians since 2014. Every year the course has successfully attracted delegates from various countries such as Philippines, Vietnam, Thailand, Indonesia, Singapore, Taiwan, Japan, Korea, Nepal and China. In addition to a 4-day training course, the event also serves to create a platform for specialists of different disciplines and backgrounds to share knowledge and clinical experience. It is hoped that a regional network will be developed on which further work on ECLS education, research and good practice can be established.

To further promote the use of simulation in ECLS education programs, committee members have assisted local institutions and professional societies in Korea, Japan and Singapore in the last two years to conduct simulation workshops on ECMO and ECPR. We believe that knowledge transfer and establishing the culture of utilizing simulation as a powerful tool in ECMO education are of the utmost importance for Asian countries. Our efforts have proven successful and the workshops were well received by participants.

In April, Dr. Simon Sin (Hong Kong) and I represented APELSO to attend a 1-day ECLS Symposium in Baltimore, USA. The goals of the symposium were to 1) summarize national and international educational initiatives in areas related to ECLS education, quality improvement and safety; 2) discuss how collaborations across professional societies can be further enhanced; and 3) start building international work groups with the goal of creating high-quality, evidence-based clinical practice guidelines. The main outcome of the ECLS Symposium was the proposal to form an International Collaborative on ECLS (ICECLS). In relation to ECLS education, the multi-societal work group agreed to develop a structured plan for curriculum development targeting the multiple disciplines involved in ECLS care, including but not limited to physicians, nurses, respiratory therapists, perfusionists, education specialists, and human factors engineers. Minimum standards for ECLS courses will be set, and modern methods for ECLS education will be investigated, including online learning modules, interactive smart device applications, and hands-on high-fidelity simulation. Work is still ongoing and closer collaboration between ELSO and its worldwide chapters is expected.

Another breakthrough for our Committee is that this year we have solicited a grant to award potential scholarships for ECLS clinicians in Asia-Pacific countries. Although the amount is small, it certainly expands the educational opportunities of ECLS providers in the region. The Committee is currently working on operation logistics in relation to the type of scholarship award and amount of assistance. Information will be released soon.

The official motto for Rio 2016 Olympic and Paralympic Games was “A new world”. The APELSO Education Committee shares the same vision and is looking forwards to transformation through education and changing the ECLS community for the better. Thank you to everyone that has helped and contributed to our success.

Peter Chi Keung Lai

Co-Chair, AP-ELSO Education Committee

ECMO COURSE IN HONG KONG

It is my great pleasure to introduce to you the APELSO Adult ECMO Training Course which is organized by the Queen Mary Hospital of Hong Kong as an annual event. The course offers a platform for local and international delegates to share knowledge and experience, both being of the utmost importance in ECMO patient management. It also provides an opportunity to establish an Asia-Pacific network to advance quality of care in extracorporeal life support.

This year the course was successfully held from 4 – 8 July. Over 40 clinicians from Hong Kong, Singapore, South Korea, Philippines, Japan, Vietnam and the USA participated in the event. In addition to the core lectures and simulation training sessions on VA- and VV-ECMO, we have re-designed the ECPR, ECMO transportation and cannulation workshops to a 1.5-day activity to allow participants immersion in ECMO patient management. For the ECPR session, we used a video-debriefing technique for the first time to allow participants to reflect on their psychomotor skills and team dynamics. We hope it positively affected their critical thinking skills. For the cannulation workshop, we developed three silicone cannulation models which allowed simulation of bi-caval dual lumen catheter under fluoroscopic guidance, insertion of femoral cannula and re-perfusion catheter placement. Two separate workshops on ultrasonography and transesophageal echocardiography were also introduced in the course. Participants enjoyed the course as a whole and were impressed by the workshops. We look forwards to sharing our expertise in ECMO simulation to clinicians in other countries so that we can provide high quality ECMO training programs together and eventually benefit our patients.

Peter Chi Keung Lai

Nurse Consultant (Intensive Care)

Queen Mary Hospital and Hong Kong West Cluster, Hospital Authority

Hong Kong





UPCOMING COURSES & MEETINGS



27th Annual ELSO Conference in Conjunction with ASECT

09/15/2016 - 09/18/2016

<http://www.cvent.com/d/yfq8np>

Location: San Diego, CA

SCCM/ELSO ECMO Management Course

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

Location: University of Arizona Simulation Center, Phoenix, AZ

2nd Annual Latin American ELSO Conference

11/30/2016 - 12/02/2016

<http://elsocancun2016.com/>

Location: Cancun, Mexico

Two Day ECMO Management Course

01/20/2017—01/21/2017

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

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

