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Message from the president

Dear SWAACELSO Community,

We continue to persevere through an unprecedented time in world history. With the never ending pandemic and economic uncertainty, ECMO, globally remained centre stage as a modern of ARDS treatment, amongst the many other monumental challenges. This is both hopeful and optimistic because, last three years have made me as a cardiac critical intensivist realise firsthand, the many inspiring achievements that are happening everyday at SWAACELSO – the most upcoming chapter of ELSO – the fountain head of ECMO.

The evolution of the academic centres as “ELSO Centres of Excellence” recently at Adan hospital Kuwait and RVCC Mumbai (India) have made ECMO dynamics in the South West Asian countries, more robust and sustainable. These institutions are grounded in confidence, passion and resiliency. This envisages a brighter future of more SWAACELSO centres evolving as platinum/gold/silver centres of excellence. The most recent to join the same as a new SWAACELSO centre is from Kenya. This is all possible because of huge contribution from the ELSO headquarters as well, whose able and timely leadership, we all at SWAACELSO revere and owe allegiance to.

In recent past, a number of SWAACELSO community members have made a profound impact with their diligent work on ECMO. With Dr(s) Suneel Pooboni, Dr. Malaika, Dr. Venkat Goyal, Dr. Ibrahim Fawzy, Dr. Akrambary, Dr. Yatin Mehta as inspiring Past Presidents, newer members like Dr. Mohamed Azzam with a great SWAACELSO Scientific Meet (organized by him at Riyadh) and Dr. Huda (whose centre of Excellence in Kuwait (Gold)) and robust covid guidelines by Dr. Ahmad Rabie and his team and ECMO and CRRT for ECMO for Toxicology from Indian subcontinent under Dr. Vivek Gupta, Dr Venkat’s narrative website and upcoming ELSO endorsed courses at RVCC Mumbai, Fortis Gurgaon and Kuwait are all huge accomplishments with tall work. With 45 ECMO SWAACELSO centres (active as on October 2022) of which 23 centres are from the Indian subcontinent and with six robust scientific hands-on workshops done from January 2022 to October 2022 and three more on the horizon from Nov – Jan 2023 SWAACELSO chapter is on an academic roll. We seek blessings from the almighty for the success of the 12th Annual SWAACELSO Conference at DMC, Ludhiana, India under the able organiser Dr. Vivek Gupta. The brochure for same is shared in this newsletter.

These messages are short but the SWAACELSO accomplishments are many. As we enter a new year, we have many opportunities to connect, reflect and celebrate. Sharp focus with more diligence with strategies and guidelines in position is our goal now, so that we can all embrace more knowledge and wisdom on the enigma entitled “ECMO” in the SWAACELSO region. Celebrate Life!

Prof. Poonam Malhotra Kapoor
SWAAC ELSO President
Update on Committees/Subcommittees

The new chairman, Prof Poonam Malhotra Kapoor has started since May 2022. The chairman tenure has changed to two years to allow more time for the chairman to implement the many changes and chapter development.

The Following is the Updated SWAAC ELSO Steering Group Committee Members:

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Country</th>
<th>Email Address</th>
<th>Tenure</th>
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</thead>
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<tr>
<td>Chairman</td>
<td>Poonam Malhotra Kapoor</td>
<td>India</td>
<td><a href="mailto:drpoonamaiims@gmail.com">drpoonamaiims@gmail.com</a></td>
<td>2022-2024</td>
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<tr>
<td>Past-Chairman</td>
<td>Akram Abdelbary</td>
<td>Egypt</td>
<td><a href="mailto:akram_bary@yahoo.com">akram_bary@yahoo.com</a></td>
<td>2022-2024</td>
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<tr>
<td>Chairman-Elect</td>
<td>To be determined..</td>
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<td>2022-2024</td>
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<tr>
<td>Chairman Steering Committee Edu/Simu/Comm</td>
<td>Huda Al Foudri</td>
<td>Kuwait</td>
<td><a href="mailto:h_alfoudri@hotmail.com">h_alfoudri@hotmail.com</a></td>
<td>2022-2023</td>
</tr>
<tr>
<td>Chairman Steering Committee Research</td>
<td>Vivek Gupta</td>
<td>India</td>
<td><a href="mailto:dr_vivekg@yahoo.com">dr_vivekg@yahoo.com</a></td>
<td>2022-2023</td>
</tr>
<tr>
<td>Chairman Steering Committee Registry /Protocols</td>
<td>Ibrahim Fawzy Hassan</td>
<td>Qatar</td>
<td><a href="mailto:ihassan@hamad.qa">ihassan@hamad.qa</a></td>
<td>2022-2023</td>
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<tr>
<td>Chairman Steering Committee Devices &amp; Technology</td>
<td>Mohamed Azzam</td>
<td>Saudi Arabia</td>
<td><a href="mailto:mohamed.azzam77@me.com">mohamed.azzam77@me.com</a></td>
<td>2022-2023</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Sandeep Dewan</td>
<td>India</td>
<td><a href="mailto:sandeepdewan28@gmail.com">sandeepdewan28@gmail.com</a></td>
<td>2018-2023</td>
</tr>
<tr>
<td>Secretary</td>
<td>Pranay Oza</td>
<td>India</td>
<td><a href="mailto:drpranay.ox@gmail.com">drpranay.ox@gmail.com</a></td>
<td>2018-2023</td>
</tr>
<tr>
<td>Member at Large</td>
<td>Ibrahim Fawzy Hassan</td>
<td>Qatar</td>
<td><a href="mailto:ihassan@hamad.qa">ihassan@hamad.qa</a></td>
<td>2022-2024</td>
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<td>Huda Al Foudri</td>
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<td><a href="mailto:h_alfoudri@hotmail.com">h_alfoudri@hotmail.com</a></td>
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<tr>
<td>Member at Large</td>
<td>Said Al Hanshi, MD</td>
<td>Oman</td>
<td><a href="mailto:abushatha50@hotmail.com">abushatha50@hotmail.com</a></td>
<td>2022-2024</td>
</tr>
<tr>
<td>Member at Large</td>
<td>Mohamed Azzam</td>
<td>KSA</td>
<td><a href="mailto:mohamed.azzam77@me.com">mohamed.azzam77@me.com</a></td>
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<td>Akram Abdelbary</td>
<td>Egypt</td>
<td><a href="mailto:akram_bary@yahoo.com">akram_bary@yahoo.com</a></td>
<td>2022-2024</td>
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<tr>
<td>Member at Large</td>
<td>Joseph Leo</td>
<td>Kenya</td>
<td><a href="mailto:joseph.lelo@flydoc.org">joseph.lelo@flydoc.org</a></td>
<td>2022-2024</td>
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<tr>
<td>Member at Large</td>
<td>Timur Lesbekov</td>
<td>Kazakhstan</td>
<td><a href="mailto:lesbevokt@mail.ru">lesbevokt@mail.ru</a></td>
<td>2022-2024</td>
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<tr>
<td>Member at Large</td>
<td>Ali Boroujerdi Alavi</td>
<td>Iran</td>
<td><a href="mailto:aba2002ir@yahoo.com">aba2002ir@yahoo.com</a></td>
<td>2022-2024</td>
</tr>
<tr>
<td>Member at Large</td>
<td>Jana Assy</td>
<td>Lebanon</td>
<td><a href="mailto:ja101@aub.edu.lb">ja101@aub.edu.lb</a></td>
<td>2022-2024</td>
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<tr>
<td>Member at Large</td>
<td>Marlice van Dyk</td>
<td>South Africa</td>
<td><a href="mailto:dr.marlice@icudocotor.co.za">dr.marlice@icudocotor.co.za</a></td>
<td>2022-2024</td>
</tr>
<tr>
<td>Member at Large</td>
<td>Vivek Kakar</td>
<td>UAE</td>
<td><a href="mailto:KakarV@clevelandclinicabudhabi.ae">KakarV@clevelandclinicabudhabi.ae</a></td>
<td>2022-2024</td>
</tr>
</tbody>
</table>

Please feel free to contact any of the members above for any issues relating to SWAAC ELSO or if you are interested in joining any of the subcommittees. You can find a copy of the updated bylaws with details of the different committees and subcommittees of SWAAC ELSO on ELSO AND SWAAC ELSO website:

- [https://www.elso.org/AboutUs/Chapters/SouthWestAsiaandAfrica.aspx](https://www.elso.org/AboutUs/Chapters/SouthWestAsiaandAfrica.aspx)
- [www.swaaceelso.com](http://www.swaaceelso.com)
Upcoming SWAAC ELSO Courses/Workshops

- ECMO Workshops held in **Abu Dhabi, United Arab Emirates**
  - Pediatric and Neonatal ECMO on 3rd – 5th December 2022
  - Pediatric and Neonatal ECMO on 29th April – 1st May 2023
  - Pediatric and Neonatal ECMO workshop 7th – 9th October 2023
  - Adult Basic ECMO workshop 28th – 29th January 2023
  - Adult Basic ECMO workshop 22nd – 23rd May 2023
  - Adult Comprehensive ECMO workshop 23rd – 26th November 2023

  ➢ For more information contact mduthie@seha.ae for the Pediatric and Neonatal ECMO workshops, and GhisulP@ClevelandClinicAbuDhabi.ae or drpk1987@gmail.com for the Adult ECMO workshops

- ECMO made easy – **Egypt** 27-28 December, 2022 at LRC, Egypt. For more information visit: https://ecmoexperts.com/product/ecmo-made-easy-course/

- 14th ECMO training course – **Mumbai India** 9th – 15th January 2023 (ELSO endorsed course). For more information visit https://www.ecmosocietyofindia.com

- Al-Adan Comprehensive Adult ECMO Simulation Course (ELSO endorsed course). 22nd -24th January 2023. **Kuwait**. Course Director: Dr. Huda Alfoudri. For more information: http://ecmocenterkw.com/


- The 2nd Abu Dhabi Trauma and ECMO conference, Department of health, **Abu Dhabi United Arab Emirates** – 24th – 25th May 2023. For more information: GhisulP@ClevelandClinicAbuDhabi.ae or drpk1987@gmail.com

- VV ECMO Course. Hamad international training centre – **Doha, Qatar** for more information visit ECMO (hamad.qa)

- If you have any courses or/and workshops you would like to include in the upcoming newsletter, please email h_alfoudri@hotmail.com
SWAAC ELSO 2023

We’re excited to share with you the upcoming 9th SWAAC ELSO Conference 2023 held in Ludhiana, India. Mark it on your calendar to enjoy the beautiful culture of India, and to Learn, Practice, And Sustain Lives. Make sure to have a look at the poster below for details and contact information.

![9th SWAAC ELSO Conference 2023 poster](image)

FOR MORE INFORMATION & REGISTRATION PLEASE CONTACT

- swaacelso2023@gmail.com
- www.swaacelso2023.com
ELSO endorsed courses

SWAAC ELSO Chapter is privileged to have 2 of its comprehensive ECMO courses endorsed by ELSO this year. The first one is the Simulation based ECMO training course at Riddhivinayak Critical Care and Cardiac Centre in Mumbai, India which was endorsed in July 2022. The second one is Al-Adan Comprehensive Adult ECMO Simulation Course at AL-Adan Hospital Kuwait which was endorsed in October 2022. Successful completion of ELSO endorsed courses count as step 1 and 2 in the path to obtaining ELSO certification (didactic course and simulation lab). It will provide practitioners access to sit for the ELSO – Adult ECMO Certification Exam (E-AEC) after completion of the clinical bedside experience. Please refer to the ELSO website for further information on the ELSO Adult ECMO Practitioner Certification (E-AEC):

https://www.elso.org/ecmo-education/certificationexam.aspx

ELSO Endorsed course in Mumbai, India  - Riddhi Vinayak Multispecialty Hospital
Cont - ELSO endorsed courses

ELSO Endorsed course in Kuwait – Al Adan hospital ECLS Centre October 2022
ELSO TTT course was conducted in Barcelona on October 12-14th this year. It is a comprehensive simulation-based learning educational program for ECMO educators from all over the world, with the objective to enhance the educational skills of ECMO educators. The course is run by international ELSO experts from all ELSO chapters. A total of 36 Participants attended the course with 12 faculty members (Ratio 1:3). Dr. Ibrahim Fawzy from Qatar was one of the faculty from SWAACELSO chapter and 2 candidates attended the course from SWAACELSO chapter (Dr. Ahmad Rabee and Dr. Alyaa Alhazmi from Saudi Arabia).

Below are some highlights of the TTT course:
Awards of excellence

We congratulate the new centres that have been awarded with ELSO’s award of Excellence in the past two years:

**Platinum Award of Excellence:**

- Riddhi Vinayak Critical Care and Cardiac Centre  
  *Mumbai, India – 2024*

**Gold Award of Excellence:**

- King Faisal Specialist Hospital and Research Centre  
  *Riyadh, Saudi Arabia – 2022*
- Riyadh Second Health Cluster – Ministry of Health  
  *Riyadh, Saudi Arabia – 2022*
- Al-Adan Hospital  
  *Kuwait city, Kuwait – 2023*

**Silver Award of Excellence:**

- The Royal Hospital National Heart Centre, Sultanate of Oman  
  *Ghala Street, Al Ghubra, Muscat, Oman – 2024*

*Al Adan hospital ECMO Centre receiving the award during the last EURO ELSO 2022 in London, in the historical West Minister Abbey. This was the first in-person award ceremony after the pandemic. Definitely worth the wait.*

We look forward to more centres achieving the award in the near future.
ELSO Guidelines and publications:

The following are ELSO Guidelines and publications with contributions from SWAAC ELSO members:

- Extracorporeal Life Support Organization Guidelines for the Provision and Assessment of Nutritional Support in the Neonatal and Pediatric ECMO Patient:
  - [https://journals.lww.com/asaiojournal/Fulltext/2022/07000/Extracorporeal_Life_Support_Organization.1.aspx](https://journals.lww.com/asaiojournal/Fulltext/2022/07000/Extracorporeal_Life_Support_Organization.1.aspx) (Contributed as an Author: Dr. Tala Al Dabbous)

- Extracorporeal Life Support Organization Guideline for Transport and Retrieval of Adult and Pediatric Patients with ECMO Support

  - [https://www.elso.org/Publications.aspx](https://www.elso.org/Publications.aspx) (SWAAC ELSO contributors: Dr. Ahmed Labib, Dr. Ibrahim Fawzi)

You can view all ELSO guidelines on the following link: [https://www.elso.org/ecmo-resources/elso-ecmo-guidelines.aspx](https://www.elso.org/ecmo-resources/elso-ecmo-guidelines.aspx)

You can view ELSO publications on the following link: [https://www.elso.org/Publications.aspx](https://www.elso.org/Publications.aspx)

Update on Research and Publication:

The following are some of the recent publications by SWAAC ELSO members:

- Bleeding Hazard of Percutaneous Tracheostomy in COVID-19 Patients Supported With Venovenous Extracorporeal Membrane Oxygenation: A Case Series
  - [https://doi.org/10.1053/j.jvca.2022.09.084](https://doi.org/10.1053/j.jvca.2022.09.084)

- Outcome of post-traumatic acute respiratory distress syndrome in young patients requiring extracorporeal membrane oxygenation (ECMO)
  - [https://doi.org/10.1038/s41598-022-14741-6](https://doi.org/10.1038/s41598-022-14741-6)

- Impact of Extracorporeal Membrane Oxygenation Service on Burnout Development in Eight Intensive Care Units. A National Cross-Sectional Study
  - [https://doi.org/10.1053/j.jvca.2022.02.018](https://doi.org/10.1053/j.jvca.2022.02.018)

- Retrospective Analysis of Arterial Carbon Dioxide Level and Arterial pH Level at the Time of Initiation of Respiratory ECMO and Outcome

Please visit our website for more information: [https://www.swaacelso.com/](https://www.swaacelso.com/)