

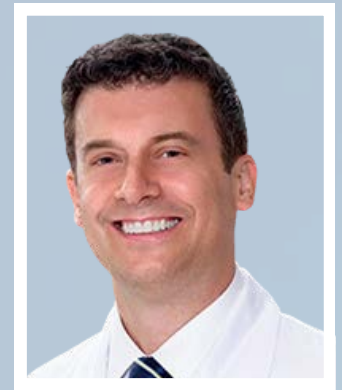


NEWSLETTER

JUNE 2026 EDITION

MESSAGE FROM THE PRESIDENT

The recent EuroELSO conference in Dublin, and APELSO conference in Tokyo, were both outstanding events, highlighting everything we value in our global ECLS community. They also provided great opportunities to honor Dr. Bartlett. In particular, May 8th (Dr. Bartlett's birthday) was the inaugural global ECMO Team Day, which occurred during the EuroELSO meeting and was celebrated across the globe. We appreciate so many of you sharing photos of how you recognized your ECMO teams that day.



We invite you all to join us in Nashville, September 28–October 1, for the 37th Annual ELSO Conference, which promises to be an amazing event. This year, there will be numerous opportunities to further honor Dr. Bartlett's legacy of innovation as we showcase science that pushes the boundaries of what is possible — and so much more. We look forward to seeing you there!

Dan Brodie, President, ELSO

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ECMO TEAM DAY

MAY 8TH | POWERED BY EVERY ROLE

ECMO Team Day on May 8th, Dr. Bartlett's birthday, brought together teams around the world to celebrate the people behind this lifesaving work.

From bedside clinicians to engineers, researchers, and innovators, ECMO is a true team effort. This day honors Dr. Robert Bartlett's legacy and the diverse community that makes it possible.



STONY BROOK MEDICINE
NY, USA



KOKILABEN DHIRUBHAI AMBANI HOSPITAL
MUMBAI, INDIA



ROYAL HOSPITAL FOR CHILDREN, GLASGOW
GLASGOW, SCOTLAND



INCOR PERU
LIMA, PERU



NATIONAL KIDNEY AND TRANSPLANT INSTITUTE
MANILA, PHILIPPINES



HCA FLORIDA LARGO
FL, USA



UNIVERSITY OF MINNESOTA
MN, USA



STUDER FAMILY CHILDREN'S HOSPITAL
FL, USA



HOSPITAL ITALIANO DE BUENOS AIRES
BUENOS AIRES, ARGENTINA

Thank you to everyone who shared your celebrations with us!

CHAPTER CONFERENCES



7th Annual LATAM Conference

Location: San Jose, Costa Rica

Dates: November 5th– November 7th, 2026

Website: <https://congresosusp.com/congreso-elso/>

SWAAC ELSO
13TH ANNUAL
CONFERENCE 2027
Najran | Saudi Arabia

SWAAC ELSO Conference 2027

Location: Najran, Saudi Arabia

Dates: January 28 – February 1, 2027

Contact: info@imedidea.com



15th Annual EuroELSO Conference

Location: Vienna, Austria

Dates: April 28 – May 1, 2027

Website: <https://euroelso-congress.com/>



9th Annual APELSO Conference

Location: Bali, Indonesia

Dates: June 2027



COMMITTEE ROUNDUP

ELSO Conference Committee

We hope that you will join us for Pre-Conference on September 28th! This year's Pre-Conference theme is *ECMO Unfiltered: Real Debates, Real Cases, Real Progress*.

ELSO 2026 preconference is not just a series of lectures – it's a day of interacting with both pediatric and adult ECMO clinicians.

From building programs that thrive under pressure to navigating uncertainty at the bedside, this pre-conference pulls back the curtain. You won't just hear what's working: you'll see how and why. You'll vote, debate, question, and rethink.

Because progress in ECMO doesn't come from the comfortable confines of a lecture. It comes from staying relentlessly curious. Come ready to challenge. Leave ready to tackle what's next.

After an exciting preconference experience, you will be primed and ready to learn in the main conference: honoring Dr. Bartlett's legacy of Relentless Curiosity – a curiosity that challenges limits and saves lives.

More information and preliminary agenda [here](#).



REGISTER HERE!



Education Committee/ELSO Academy



SAVE THE DATE!

ELSO GLOBAL EDUCATION COMMITTEE MEETING

ESTABLISHED
IN
2025



SEPTEMBER 28, 2026
2:30 PM EST



IN PERSON AT THE
ELSO CONFERENCE
Nashville, Tennessee



Nashville, TN

ABOUT THE ELSO GLOBAL EDUCATION COMMITTEE

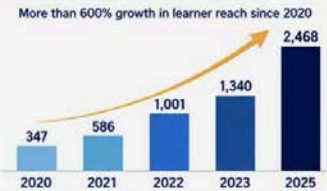
Established in 2025, the ELSO Global Education Committee brings together education leaders, international chapter representatives, faculty, and key stakeholders to shape the future of ECMO education worldwide.

- Align educational priorities across ELSO and its global chapters
- Promote equitable access to ECMO education worldwide
- Share educational resources, innovations, and best practices
- Support competency-based education and workforce development
- Identify opportunities for regional collaboration and capacity building
- Guide strategic growth while maintaining educational quality and standards

ELSO EDUCATION: GROWTH & IMPACT

EDUCATION GROWTH (2020-2025)

More than 600% growth in learner reach since 2020



Year	Learner Reach
2020	347
2021	586
2022	1,001
2023	1,340
2025	2,468

2025 EDUCATION IMPACT

Adult Foundations (English)	1,678
Adult Foundations (Spanish)	118
Neo/Peds Foundations (English)	344
Endorsed Site Visits	9
E-AEC Certification Examinees	200
E-NPEC Certification Examinees	14
TOTAL LEARNERS REACHED GLOBALLY	2,468

KEY TOPICS FOR DISCUSSION

- Expanding global access and affordability
- Strengthening collaboration with international chapters
- Balancing standardization with regional adaptability
- Scaling simulation and procedural training
- Increasing progression from education to certification
- Leveraging emerging technologies and innovative delivery models
- Developing Train-the-Trainer and regional capacity-building initiatives

A STRATEGIC LEADERSHIP DISCUSSION

Your expertise and perspective will be invaluable as we shape the next chapter of ELSO Education together.

LEADERSHIP QUESTION:

Are we optimizing for the number of learners reached, or for the measurable competency and readiness of the global ECMO workforce?

Learn more about the 2026 ELSO Conference:
<https://web.cvent.com/event/ae2756fc-1703-417b-b139-53619b253cbf/summary>

Upcoming Course Dates

Our Fall 2026 ELSO Simulation Center Education activities are live on ELSO Academy. We are offering a variety of Adult Simulation, Neo/Peds Simulation, and Cannulation courses. Our Spring 2027 dates will be announced in late Summer 2026. Please keep an eye on the [ELSO Website](#) as well as ELSO Academy to check course dates & availability!

ELSO Extracorporeal Membrane Oxygenation (ECMO) Adult Simulation Course

Ann Arbor Fall 2026 Dates: November 9-10 & November 11-12
 NEXT COURSES ANTICIPATED SPRING 2027

ELSO Extracorporeal Membrane Oxygenation (ECMO) Neo/Peds Simulation Course

Ann Arbor Fall 2026 Dates: October 13-14
 NEXT COURSE ANTICIPATED FALL 2027

ELSO Adult ECMO Cannulation Workshop (ELSO Office - Ann Arbor MI)

Fall 2026 Dates: October 10, October 11, November 13, November 14, November 15
 NEXT COURSE ANTICIPATED SPRING 2027

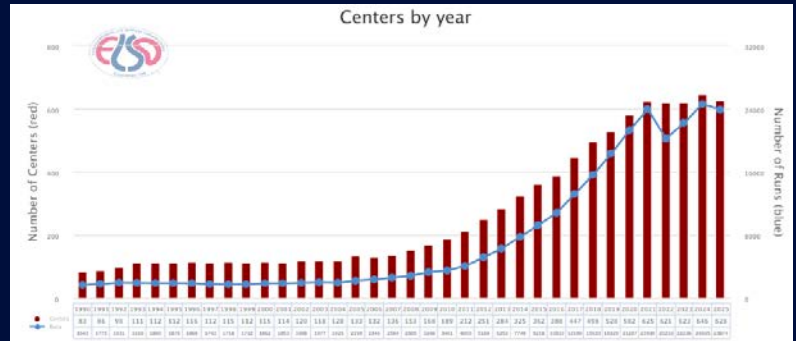
All Endorsed courses can be found [HERE](#)
 All non-ELSO courses/events can be found [HERE](#).



Registry

The ELSO International Summary Report is now available!

The updated International Summary Report includes a summary of ELSO Registry Data reported through December 31, 2025. View more [here](#).



ELSO Registry Updates & Upcoming Deadlines

Recent updates to the ELSO Registry went into effect on April 15, 2026, following the latest freeze. View the updated Data Definitions and instructions [here](#). The next registry freeze is scheduled for July 15, 2026, with a data submission deadline of July 10, 2026 for inclusion in that freeze.

Any questions can be directed to RegistrySupport@elso.org

Data Requests

Updated Data Request Forms are now available! Please review and use the updated version(s) on our [website](#) for future data requests. Any active ELSO Center may submit a data request; all data requests must be signed and submitted by the Center Director or Coordinator.

ELSO Registry Q&A Corner

The ELSO Registry Development Subcommittee held its second Registry Q&A session on May 13, 2026! The next Registry Q&A session will be July 13th at 12 PM EDT.

Q: With the new Registry update, where does Discharge information get entered?

A: Discharge information is now entered in the Hospitalizations section. Use the following steps:

1. Select the run you want to enter data;
2. Click "Patient information";
3. Scroll down to "Hospitalizations", click the edit icon, and enter the discharge information.

Note: If there are multiple hospitalizations for the patient, then click the appropriate hospitalization to edit and enter the data.

Q: Should every TEE or TTE be entered into the registry?

A: Only enter procedures that meet ELSO-defined reporting criteria. Routine or repeated imaging studies are not required (record it only if it's a new occurrence issue).

Keep in touch with Registry Q&A sessions by following ELSO on social media, and checking the announcement section of the ELSO website!

Quality Committee - Award of Excellence

The AOE Team would like to extend our sincere thanks to all of the centers that welcomed us for site visits this year. We greatly appreciate the time, effort, and hospitality shown by each program, and we are grateful for the opportunity to learn more about the outstanding work taking place across the ELSO community.

All applicants can expect to receive award notifications via email in mid-July. The AOE Award Ceremony will be held during the ELSO Annual Conference on September 28, and we hope teams from all participating centers will join us in celebrating this year's applicants and award recipients.

If you have any questions at any point in the process, please don't hesitate to reach out to us at awards@elso.org.

Tracy Morrison, Quality Chair



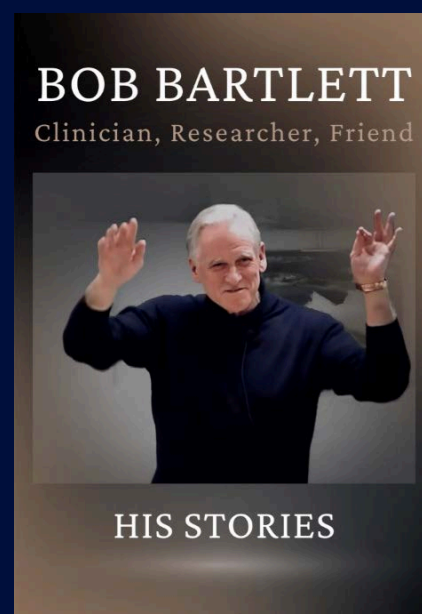
Publications Committee

Now Available: Hardcover Edition of Dr. Bartlett's Memoir

We are pleased to share that Bob Bartlett: Clinician, Researcher, Friend is now available for purchase as a hardcover book through the ELSO Publications page.

Dr. Bartlett's memoir traces the defining moments of a remarkable life shaped by curiosity, resilience, and a deep commitment to learning. With honesty and grace, it offers personal stories behind his most meaningful work and the experiences that shaped his path.

Visit the [ELSO Publications page](#) to download your free copy or to order the hardcover edition.



Visit our website for the full list of publications available [HERE](#).

Technology & Innovation Committee

On April 28th, the Technology and Innovation Committee hosted our first webinar on “Innovative Monitoring in ICU and ECMO”. We had four outstanding speakers present their experience with various platforms that they use to help monitor their patients with an eye towards standardization of practice and improved outcomes within their institutions. The webinar was attended by nearly 100 registrants, and is currently available on the [ELSO YouTube channel](#). Congratulation to our speakers and moderators for their outstanding efforts, and thank you to the ELSO community for attending!

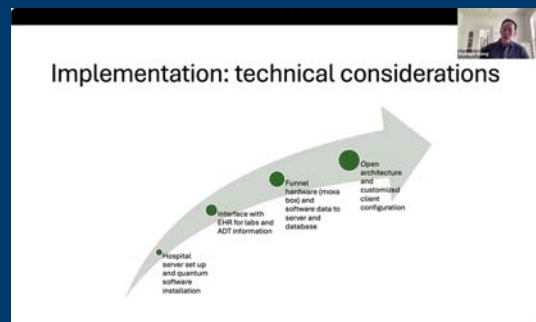
The Technology and Innovation committee is looking for our next webinar topic. If you are doing something innovative with your ECMO patients or ECMO team (staffing, training, simulation), we want to hear about it! Please reach out to tmaul@elso.org

Tim Maul, Technology & Innovation Chair



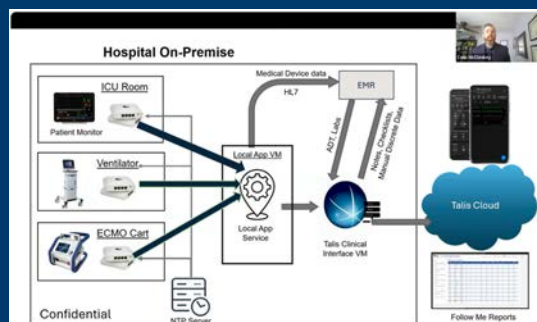
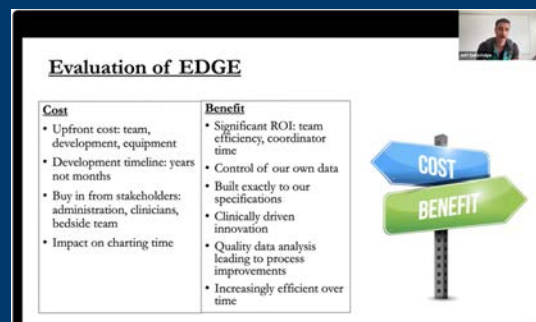
Key Takeaways

- Informatics is a Safety System**
 - Real-time alarms, checklists, and continuous monitoring standardize care across large teams and multiple ICUs
- Predictive Algorithms Save Lives**
 - AI-driven coupling of alarms and data trends can detect complications like re-intubation and DPC failure before they escalate
- Faster Response, Better Outcomes**
 - Continuous multi-flow monitoring and bedside alerts reduce response times and bridge the gap between human error and optimal care
- Data Drives Quality Improvement**
 - Automated reports, dashboards, and ELSO-aligned complication tracking strengthen QA/QI programs and clinician education
- The Future Is Connected**
 - Remote monitoring, clinician text alerts, and smart dashboards will continue to expand how we deliver and oversee ECMO care



Implementation: technical considerations

- Hospital server set up and quarterly software installation
- Interface with EHR for labs and ADT information
- Funnel: Software moves from tool and software data to server and database
- Open architecture and custom client configuration

Evaluation of EDGE

Cost	Benefit
• Upfront cost: team, development, equipment	• Significant ROI: team efficiency, coordinator time
• Development timeline: years not months	• Control of our own data
• Buy in from stakeholders: administration, clinicians, bedside team	• Built exactly to our specifications
• Impact on charting time	• Clinically driven innovation
	• Quality data analysis leading to process improvements
	• Increasingly efficient over time

COST
BENEFIT

FELSO

FELSO is an honorary designation recognizing extraordinary contributions to the art and science of ECLS. Applications are reviewed by the FELSO Nominations Committee.

The FELSO application is open on our [website](#) and through June 30th. Self-nominations are not accepted.

For additional information, please contact FELSO@elso.org.

SURVEY ALLEY

ECMO Withdrawal Survey

Please consider participating in this survey for a research project focused on ECMO withdrawal practices related to clinical factors, attention to biases, and ethical considerations. Your insights will help us better understand the varied approach to ECMO withdrawal and the scope of varied practices with the ultimate goal of advocating for factors that may promote consideration for standard protocols and policies.

Primary Survey Contact: Adan (Adam) Mora; Adan.Mora@UTSouthwestern.edu

Link to Survey: <https://forms.cloud.microsoft/r/hzp7RgtxWA>

Anticoagulation Survey

This survey aims to help better understand anticoagulation practices in adult patients receiving ECMO support, focusing on anticoagulation in V-V ECMO and ECPR adult patients only. This survey is an initiative of the EuroELSO Working Group on Coagulation, Antithrombotics and Patient Blood Management and is ESICM-endorsed. We offer the possibility to be listed as a contributor to the final publication resulting from your input.

Primary Survey Contact: Sasa Rajsic; Sasa.Rajsic@i-med.ac.at

Link to Survey: <https://redcap.i-med.ac.at/surveys/?s=FDLF7XTCNPL9DH3H>

Pump-Controlled Retrograde Trial Off Utilisation in Venoarterial ECMO Weaning: A Global Survey

We are conducting an international survey to better understand current practices in VA ECMO weaning across both adult and paediatric populations. This study aims to explore global weaning strategies, evaluate the global adoption of pump-controlled retrograde trial off (PCRTO), and explore institutional and clinician-level factors associated with its use or non-use.

Primary Survey Contact: Brian Lau; brianlau@gmail.com

Link to Survey: https://hku.au1.qualtrics.com/jfe/form/SV_6F55nl7N1b3lp4a



Have a survey that would benefit from insight from the global ELSO community?

Share it in Survey Alley, our newsletter feature highlighting active surveys from ELSO members around the world. To submit, please have your ELSO Center's Medical Director or Coordinator send a brief 2–3 sentence summary of the survey, the primary contact and email, and a link to the survey. Email submissions to newsletter@elso.org, we look forward to showcasing your work in an upcoming issue!



LIAISON CORNER

Coordinators

Be part of the conversation! Join the Coordinators WhatsApp Group. To sign up for the group and find out more information on ELSO's WhatsApp resources, visit our [website](#). Please share what ideas and opportunities you have or would like to see what others have to share.

We hope that you will consider joining us at the Coordinators' Breakfast at the annual ELSO meeting in Nashville. Our topics for this year's meeting will include the Award of Excellence as well as Center Certification. Please send any additional suggestions to: eaugust@elso.org.

Erin August, Coordinator Liaison

Perfusionists

We're excited to see the perfusion community at ELSO 2026! Back by popular demand, *Perfusion Predicaments in ECMO* returns to the main conference program, bringing together experts to discuss challenging cases, practical solutions, and lessons learned from real-world ECMO management.

The conversation starts even earlier in preconference, which includes *Anticipating and Mitigating ECMO-related Complications: Strategies From the Bedside*, an interactive roundtable designed to foster discussion, share experiences, and highlight practical approaches to ECMO challenges.

Whether you're looking to exchange ideas with colleagues, gain new perspectives, or stay current on the latest developments in ECMO, ELSO 2026 offers something for everyone.

We hope you'll join us for these engaging sessions and all the conference has to offer.

Desiree Bonadonna, Perfusion Liaison

Respiratory Therapists

The Respiratory Therapist Working Group supports and advances the role of respiratory therapists in extracorporeal life support by promoting collaboration, best practices, and evidence-based care across ECMO programs. The next scheduled meeting will be July 23, 2026r; those interested in participating may contact John Priest at JPriest@elso.org and connect with peers through the ECMO Community Group on AARC Connect.

Upcoming AARC Meetings:

- Summer Forum: July 13–15, Bonita Springs, FL
- AARC Congress: November 14–17, New Orleans, LA

John Priest, Respiratory Therapy Liaison

CIRCUIT CHATTER

EDITION 7

EDITED BY DR. GRAEME MACLAREN & DR. GILES PEEK

WRITTEN & SUBMITTED BY:

LUCIANA TAGLIARI
HOSPITAL COPA D'OR
RIO DE JANEIRO, BRAZIL

AA 41-year-old female with no prior comorbidities and known severe pulmonary fibrosis developed an acute exacerbation of interstitial lung disease requiring venovenous extracorporeal membrane oxygenation (VV ECMO) at a non-ELSO center. ECMO support was discontinued due to a major retroperitoneal hemorrhage. Given the irreversible nature of her lung disease, she was transferred to our center for lung transplant evaluation.

On admission, the patient presented with persistent hypoxemia and respiratory failure, requiring reinitiation of VV ECMO. High ECMO blood flows (5.1 L/min) were necessary to maintain adequate oxygenation. Within the first 24 hours, significant recirculation was identified based on serial blood gas analyses, showing elevated pre-membrane oxygen saturation (89%) alongside suboptimal arterial oxygenation (PaO_2 89 mmHg, SaO_2 95%), indicating impaired ECMO efficiency.

Initial management included reduction of blood flow and repositioning of the return cannula. However, recirculation progressively worsened despite these interventions, with no meaningful immediate improvement in oxygenation. A transthoracic echocardiogram subsequently revealed severe right ventricular dysfunction. In response, inotropic support was initiated, and inhaled nitric oxide was administered as rescue therapy. Invasive hemodynamic monitoring with a pulmonary artery catheter was established to guide management and assess cardiac performance.

After 24 hours of targeted optimization, the patient demonstrated progressive recovery of right ventricular function. This improvement correlated with a marked reduction in recirculation and enhanced ECMO efficiency. Oxygenation improved significantly, with SaO_2 increasing to 98% and PaO_2 to 202 mmHg, using ECMO settings of blood flow 4.4 L/min and sweep gas flow 4 L/min. Tissue perfusion parameters improved concurrently.



This case underscores the critical interaction between right ventricular function and ECMO performance. Right ventricular failure can significantly impair effective oxygen delivery during VV ECMO by promoting recirculation, even in the presence of adequate circuit function. Early recognition and targeted management of right ventricular dysfunction are essential to optimize ECMO support.

The patient was successfully rehabilitated while on ECMO and subsequently underwent lung transplantation, achieving full recovery.

ELSO CHAPTER UPDATES: ECMO AROUND THE WORLD

APELSO

The 8th AP ELSO Conference, held in Tokyo from June 11–13, 2026, provided an outstanding opportunity for clinicians, researchers, perfusionists, nurses, and allied health professionals from across the Asia-Pacific region to come together, share experiences, and learn from one another. Through a strong scientific programme and valuable networking opportunities, attendees exchanged knowledge, discussed the latest developments in ECLS, and strengthened collaborations across the region.



LATAM ELSO

Please join us for the 7th Annual LATAM Conference, being held in San Jose, Costa Rica in November 2026. Up to date news and event information can be found on our website: elsolatam.net.

Fernando Antoniali, LATAM ELSO Chair

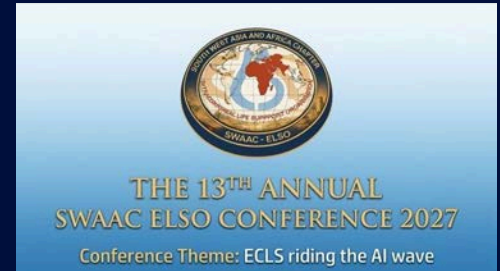


ELSO CHAPTER UPDATES: ECMO AROUND THE WORLD

SWAAC ELSO

2027 SWAAC ELSO Annual Meeting: Mark your calendar for the next annual meeting which will be held in Najran, Saudi Arabia. Pre-conference workshop will take place January 28-29, 2027 and Main conference will be held from January 30-February 1, 2027.

Marlice van Dyk, SWAAC ELSO Chair



EuroELSO

The 2026 EuroELSO Congress in Dublin, held around ECMO Day on May 8, was a tremendous success, welcoming 730 participants to the pre-congress courses and more than 1,600 delegates to the main congress. The meeting brought together clinicians, researchers, perfusionists, nurses, and allied health professionals from across the ECLS community to share experiences, collaborate, and discuss the latest advances in care. Scientific engagement was strong, with 315 abstracts accepted and published in a special issue of Perfusion.

A major highlight of the congress was the launch of the EuroELSO NextGen Initiative, designed to connect, inspire, and develop the next generation of ECLS leaders. Activities including the Meet the Mentor Coffee Corner, the NextGen Hub, and the inaugural NextGen Meeting received an enthusiastic response and demonstrated the energy and commitment of emerging professionals in our field.

Building on the success of Dublin, the EuroELSO Scientific and Steering Committees are already preparing an outstanding programme for the next EuroELSO Congress, taking place in Vienna from 28 April to 1 May 2027. We look forward to welcoming you there!

Matthieu Schmidt, MD, PhD, EuroELSO Chair



CHIEF EXECUTIVE OFFICER REMARKS

Relentless Curiosity

In 1963, Dr. Bartlett was a resident at the Peter Bent Brigham Hospital in Boston, Massachusetts. They had used the heart and lung machine on a few patients. Dr. Bartlett thought that more could be done if the technology was better, noting that the technology added its own risks at the time. When he approached Dr. Gross with this observation, Gross told him, "Why don't you work on that?"

There were many things Dr. Bartlett did during his life, in addition to advancing extracorporeal life support technology. But there were two characteristics that distinguished his efforts from everyone else: the tenacity at which he kept at this work and his enormous enthusiasm for how he went about it - encouraging anyone and everyone around the world that could contribute to making it better to do so.

This work was not easy. There were many moments where experience and results would have discouraged most. Thankfully, not him.

Shaping Our Future - Bartlett's Legacy

The summer months can be a time to be with family, friends and take some time away from the normal routine. At ELSO, summer is that plus planning for our Annual Conference. This will be our first conference without Dr. Bartlett. As we reflected on how best to move forward in honor of Dr. Bartlett, we couldn't help but come back to how he modeled for us what it takes to pursue an idea, collaborate on a global scale, welcome everyone in a manner that is more like family than friends, and change the world: *Relentless Curiosity*.

This is the theme for ELSO's 37th Annual Conference: *Relentless Curiosity*. May it inspire you to make an impact - on behalf of all the patients that will benefit from extracorporeal life support.

Christine Stead, CEO



The Extracorporeal Life Support Organization

Our Mission

Providing global leadership in extracorporeal life support through innovation, advocacy, and advancing knowledge.

Our Vision

ELSO will be the premier organization for the advancement of extracorporeal life support throughout the world.

Guiding Principles

Innovation

Seeking to identify and promote advances for the application of extracorporeal therapies.

Expertise

Bringing together world leaders in the care of critically ill patients for collaboration to advance quality of care through education and publication.

Clinical Support

Maintaining a comprehensive registry of data to assist in reducing morbidity and improving survival of patients requiring extracorporeal therapies.

Community

Fostering communication and collaboration among professionals who apply advanced technologies in the treatment of refractory organ failure.



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The Extracorporeal Life Support Organization (ELSO)
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www.elso.org

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