



2024 RESUSCITATION
31 OCTOBER — 2 NOVEMBER
ATHENS

RESUSCITATION - 2024

Preliminary Programme

	Day 1 - THURSDAY OCTOBER 31			Day 2 - FRIDAY NOVEMBER 1			Day 3 - SATURDAY NOVEMBER 2			
	Trianti Hall	Skalkotas Hall	Workshop room	Trianti Hall	Skalkotas Hall	Workshop room	Trianti Hall	Skalkotas Hall	Workshop room	
Morning 1 - 08:30-09:45 75 min		<p>Local pre-congress activities</p> <p>KIDS SAVE LIVES CHAMPIONSHIP 2024 09:00 - 12:00</p> <p>How student training in schools and the development of new technologies became the MAIN CHARACTERS of resuscitation in Greece! 11:10 - 11:30</p>	<p>Local pre-congress activities</p> <p>EKAB EMS Event 09:00 - 12:00</p> <p>Workshop room</p> <ul style="list-style-type: none"> - Resuscitation in special conditions - New technologies in resuscitation <p>Meeting room 2</p> <ul style="list-style-type: none"> - Emergency medicine in Greece - Education and training in resuscitation <p>Demonstration in prehospital environment 11:45 - 12:10 <i>Megaron Garden</i></p> <p>Demonstration in emergency department 12:15 - 12:30 <i>Atrium of the Muses</i></p>	<p>New educational strategies</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> - Joyce Yeung - Sander van Goor <p>Speakers:</p> <ul style="list-style-type: none"> - Carsten Lott - Nino Fijačko - Vix Monnelly - Cristian Abelairas-Gomez 	<p>Valuing patient and public involvement in resuscitation research: evolution not revolution</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> - Kirstie Haywood - Gisela Lilja <p>Speakers:</p> <ul style="list-style-type: none"> - Richard Stephens - Kirstie Haywood - Claire Hawkes - Nathan Pearson - Dave Cleland - Katie Dainty - Paul Swindell 	<p>Tricks and tips for Instructors and Educators</p> <p>Speakers:</p> <ul style="list-style-type: none"> - Silvija Hunyadi-Anticevic - Jan Breckwoldt - Jacqueline Eleonora Ek - Chamila Jayasekera - Vlasios Karageorgos 		<p>Year in review</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> - Joyce Yeung - Jacqueline Eleonora Ek <p>Speakers:</p> <ul style="list-style-type: none"> - Katherine Berg - Vinay Nadkarni - Robert Neumar - Marije Hogeveen 	<p>Roundtable: In-hospital cardiac arrest</p> <p>Session Chairs:</p> <ul style="list-style-type: none"> - Jerry Nolan - Sule Akin <p>Speakers:</p> <ul style="list-style-type: none"> - Asger Granfeldt - Robert Greif - Therese Djarv 	<p>VR in CPR</p> <p>Speakers:</p> <ul style="list-style-type: none"> - Manuel Pardo Ríos - Federico Semeraro - Daniel Guillén Martínez - Javier Alonso Fernández - Alberto Lanchares - Ana Nicolás Carrillo - Ana Belén Ocampo Cervantes
	09:45-10:30			<p>Novel training strategies to improve survival will be presented and discussed.</p> <ul style="list-style-type: none"> - UEFA CPR awareness project - VR/AR developments - Advanced Newborn Life Support - Rapid cycle deliberate practice 	<p>In this session, experts will discuss the importance of the community response to cardiac arrest and its impact on outcomes. Different existing settings and realities will be presented and new opportunities for improvements and research will be deeply discussed.</p> <ul style="list-style-type: none"> - Setting the scene - Realities and opportunities - Experiences from the Resuscitation Community: obstacles and opportunities. 	<p>Interactive workshop based on the need of the participants with a focus on simulation, behavioral support, assessment, debriefing and learning conversation.</p>	<p>A recap of the most important new science:</p> <ul style="list-style-type: none"> - Adult CPR - Paediatric resuscitation - Post-arrest care - Neonatal resuscitation 	<p>Short presentations and a lot of discussions on new ideas and strategies to improve outcome of IHCA, starting from the etiology to new strategies and hospital organization to prevent the occurrence of cardiac arrest in the deteriorating patient.</p>	<p>This workshop explores the application of Immersive Reality (IR) in resuscitation training, offering a comprehensive look at its advantages and challenges. Participants will gain hands-on experience with IR technology, learn about its current use in both medical and layperson training, and discuss its impact on improving real-life resuscitation skills. The session includes interactive discussions, practical demonstrations with IR devices, and opportunities for participants to share insights and experiences. Attending this session will provide participants with a unique opportunity to experience cutting-edge Immersive Reality technology in resuscitation training, understand its practical applications, and critically evaluate its potential to revolutionize both.</p>	
				<i>Coffee break</i>			<i>Coffee break</i>			
				Industry sessions (Room: Rapid-fire sessions area)			Industry sessions (Room: Rapid-fire sessions area)			

<p>Morning 2- 10:30-11:30 60 min</p>				<p>Oral abstracts - Young Investigator Award</p> <p>Session Chairs: - Gavin Perkins - Federico Semeraro</p> <p>Judges: - Katherine Berg - Johannes Wittig - Kirstie Haywood</p>	<p>Roundtable: Building up educational programs in low resource settings</p> <p>Session Chairs: - Sebastian Schnaubelt - Kaushila Thilakasiri Modarage</p> <p>Speakers: - Marta Bernardino-Santos - Klaus Meyer - Mahmoud Tageldin Mustafa</p>	<p>Decrease your neonatofobia, improve your NLS skills!</p> <p>Speakers: - John Madar - Marije Hogeveen - Mathijs Binkhorst - Franziska Markel - Kasper Glerup Lauridsen</p>	<p>Paediatric cardiac arrest</p> <p>Session Chairs: - Dominique Biarent - Vix Monnelly</p> <p>Speakers: - Franziska Markel - Jana Djakow - Vinay Nadkarni</p>	<p>Roundtable: Brain injury after cardiac arrest</p> <p>Session Chairs: - Markus Skrifvars - Shir Lynn Lim</p> <p>Speakers: - Robert Neumar - Gavin Perkins - Theresa Mariero Olasveengen - Jerry Nolan</p>	<p>POCUS workshop</p> <p>Speakers: - Alberto Cucino - Cristina Sorlini - Giovanni Babini</p>
	<p>Young Investigator Award abstracts presentations</p> <p>Learn from the next generation of resuscitation scientists as they present their cutting-edge research. The session covers a diverse range of topics. You won't want to miss this engaging session! Plus, you'll have the chance to voice your opinion and help decide who should be honored as the Young Investigator of the Year 2024.</p>	<p>Join us for an engaging discussion at the ERC congress, where experts will delve into the role of the ERC in shaping resuscitation education in LMICs.</p> <ul style="list-style-type: none"> - Why is it important for the ERC to support LMICs? - What has been achieved so far, and how can these successes be shared? - What challenges and enablers exist? - How can National Resuscitation Councils (NRCs) partner with LMICs? - What can we learn from successful collaborations between governments, and organizations? - What strategies can be employed to build sustainable partnerships in LMICs? <p>This session is a must-attend for professionals eager to contribute to global health equity through improved resuscitation education.</p> <p>Are you interested in contributing to make a change in 80% of global emergencies? This session is a must-attend for professionals eager to contribute to global health equity through improved resuscitation education. Don't miss this opportunity to engage with experts, share insights, and help</p>	<p>Neonatofobia? This is your chance! A hands-on NLS practice session.</p>	<p>In this session experts in paediatric resuscitation will exploit new evidences to manage cardiac arrest and post cardiac arrest management in kids. The importance of creating specific registries of paediatric cardiac arrests will also be discussed together with their impact on the clinical work and research.</p> <ul style="list-style-type: none"> - Paediatric Registry - AHA and ERC paediatric guidelines: what are the differences and why? - Prognostication in paediatric post-resuscitation care. State of the art. 	<p>Introduction of the recent ILCOR review and statement. Mechanisms of brain injury, including what signs to watch for and appropriate actions to take. Then, we'll transition into a discussion on ways to enhance outcomes.</p> <ul style="list-style-type: none"> - Highlights from ILCOR statement - Where do we go from here? 	<p>POCUS for an emergency approach to the deteriorating patient and during cardiac arrest.</p> <p>The focus of the workshop will be:</p> <ul style="list-style-type: none"> - Introductory lecture - brief US introduction - US for reversible causes and deteriorating patient - US during cardiac arrest - PRACTICAL session: <ul style="list-style-type: none"> - Cardiac US - eFAST 			
<p>11:30-13:00</p>				<p>Poster session (Room: e-Poster area)</p>			<p>Poster session (Room: e-Poster area)</p>		
<p>12:00-13:00</p>				<p>Lunch</p>			<p>Lunch</p>		

<p>Afternoon 1 - 13:00-14:15 75 min</p>	<p>Opening ceremony <i>12:45-14:15</i></p> <p>Speakers: - Koen Monsieus - Kirstie Haywood</p> <p>- Zoran Bahtijarević - Peter Klomp</p>		<p>AI and Cardiac Arrest: Revolution or Risk?</p> <p>Session Chairs: - Robert Neumar - Cristian Abelairas-Gomez</p> <p>Speakers: - Federico Semeraro - Carolina Malta-Hansen - Elena Giovanna Bignami - Chiara Robba</p>	<p>Registries: Insights and Impact</p> <p>Session Chairs: - Keith Couper - Franziska Markel</p> <p>Speakers: - Jerry Nolan - Giuseppe Ristagno - Therese Djarv</p>	<p>ECMO in clinical practice</p> <p>Speakers: - Stavros Dimopoulos - Antigoni Koliopoulou</p>	<p>Oral abstracts - Best of the Best</p> <p>Session Chairs: - Gavin Perkins - Koen Monsieus</p> <p>Judges - Ranjit Lall - Vinay Nadkarni</p>	<p>Intra-arrest ventilation</p> <p>Session Chairs: - Jana Djakow - Jerry Nolan</p> <p>Speakers: - Simon Orlob - Guillaume Debaty - Johannes Wittig - Kasper Glerup Lauridsen</p>	<p>Moving the needle on Survivorship: A Cafe Conversation</p> <p>Speakers: - Sachin Agarwal - Vicky Joshi - Kirstie Haywood - Nathan Pearson - Katie Dainty</p>
	<p>Welcome to Athens Peter Safar lecture</p> <p>Welcome to the classic opening ceremony of the Resuscitation Congress with the prestigious lecture in honour of Peter Safar, the father of cardiopulmonary resuscitation, focussing on neurological recovery after cardiac arrest.</p>		<p>This session will highlight the emerging potential of AI in emergency and critical care along with the associated risks. Speakers will provide broad overview of the present state and vision for the future as well as discrete examples of current and potential implementation of AI in the prehospital, operating rooms and ICU settings. Attend this session to gain cutting-edge insights into the transformative role of AI in emergency and critical care and to understand the practical applications and future opportunities of AI in various medical settings.</p>	<p>Does your system take part in a cardiac arrest registry or thinking about setting one up? In this interactive session, three expert speakers will discuss the value of registries and how they can be used for research and to improve patient care. Hear about the updated Utstein template for OHCA, the ESCAPEnet project and strategies for using registry data to improve patient care. Come and take part in the discussion.</p>	<p>Current ECMO applications in Emergency Medicine</p> <p>ECMO and refractory cardiogenic shock</p> <p>Case presentations</p>	<p>Best of the Best abstracts presentations</p> <p>The session highlights the best of resuscitation science presented at the ERC congress. Carefully selected by an expert panel, the topics cover the cutting edge of resuscitation research from around the world.</p>	<p>New clinical trials give new insights into how we should ventilate during and after cardiac arrest or have they only generated new questions? Different ventilation strategies and ways to measure optimal ventilations will be discussed starting from basic and advanced physiology.</p> <p>- The physiology of ventilation during CPR - Manual vs. mechanical ventilation - Caught between hyper- and hypoventilation - Measure to improve ventilation</p>	<p>Bring your coffee and cake, share your experiences, and contribute to the conversation of where we go next in the "survivorship" journey, and how we get there.</p>
	<p>Roundtable: Role of mechanical circulation support</p> <p>Session Chairs: - Demetris Yannopoulos - Kasper Glerup Lauridsen</p> <p>Speakers: - Demetris Yannopoulos - Guillaume Debaty</p>	<p>Case-based discussion: How to handle foreign body airway obstructions</p> <p>Session Chairs: - Andrew Lockey - Francesc Carmona</p> <p>Speakers: - Keith Couper - Therese Djarv</p>	<p>Defibrillation/AED: Should We Stick with Traditional Methods, or Is It Time to Shift Strategies</p> <p>Session Chairs: - Sander van Goor - Katherine Berg</p> <p>Speakers: - Giuseppe Ristagno - Guillaume Debaty - Lars Wiuff Andersen</p>	<p>Special circumstances: traumatic cardiac arrest</p> <p>Session Chairs: - Asger Granfeldt - Keith Couper</p> <p>Speakers: - Carsten Lott - Asger Granfeldt - Jochen Hinkelbein</p>	<p>Resuscitation Science Masterclass forum</p> <p>Session Chairs: - Gavin Perkins - Johannes Wittig</p> <p>Speakers: - Bernhard Kowalski - Cecilie Langkilde Lauesen - Laura Schmidt - Christoph Veigl</p>	<p>Closing ceremony <i>14:30 - 15:30</i></p> <p>Speakers: - Koen Monsieus - Demetris Yannopoulos - Federico Semeraro - Theresa Olasveengen - Gavin Perkins - Giuseppe Ristagno</p>		

<p>Afternoon 2 - 14:30-15:15 45 min</p>	<p>Short presentations and a lot of discussions. When and how should we use mechanical adjuncts such as ECMO, Impella and REBOA? And when should we decide the correct time to transport the patient to the hospital with ongoing CPR? We will also get updates on new strategies for ventilation during CPR and for pressure generation</p>	<p>Practical case-based session on how to manage airway obstructions in children and adults. Meet the experts!</p>		<p>Join us for a dynamic session on persistent ventricular fibrillation as we explore double sequential defibrillation, waveform analysis, and vector change. We'll review the latest evidence, discuss upcoming trials, and challenge the status quo. Is it time for a new approach to VF management, or should we stay the course? Discover the strategies that could shape the future of VF treatment.</p>	<p>In this session, our panel of international experts in traumatic cardiac arrest will provide a state-of-the-art update on traumatic cardiac arrest. We will cover pre-hospital management, if/ when we should deliver chest compressions, and the role of transfusion. Come along, take part in the debate and ask questions in this exciting session looking at some of the key controversies in traumatic cardiac arrest.</p> <p>Traumatic cardiac arrest- should I give chest compressions? Should I give blood? Join the discussion with our expert panel!</p>	<p>Resuscitation scientists across all career stages are invited to participate in this session which focuses on how we can support the next generation of researchers. The Young ERC Resuscitation Science Masterclass initiative and examples of its impact will be discussed by organizers and participants. Afterwards, all session attendees are invited to engage in speed-networking that aims to connect current and past masterclass participants with all members of the resuscitation community.</p>	<p>Join us for the culmination of an enriching and enlightening three-day journey through the world of resuscitation science and education. The congress will conclude with a series of significant moments, including closing remarks, the presentation of awards, and the highly anticipated Negovsky lecture. Don't miss this opportunity to wrap up our exceptional programme with these highlights that capture the essence of our congress.</p>	
<p>15:15 - 16:00</p>	<p>Coffee break</p>			<p>Coffee break</p>				
	<p>Industry sessions (Room: rapid-fire session area)</p>			<p>Industry sessions (Room: rapid-fire session area)</p>				
	<p>Debate PRO/CON: eCPR should be incorporated in clinical practice</p> <p>Session Chairs: - Kjetil Sunde - Francesc Carmona</p> <p>Speakers: - Demetris Yannopoulos - Lars Wiuff Andersen</p>	<p>Case-based discussion: How to handle sedation after cardiac arrest</p> <p>Session Chairs: - Theresa M. Olasveengen - Markus Skrifvars</p> <p>Speakers: - Chiara Robba - Shir Lynn Lim</p>	<p>Young ERC Open Meeting</p> <p>Session Chairs: - Cecilie Langkilde Lauesen - Laura Schmidt</p> <p>Speakers: - Johannes Wittig - Jacqueline Eleonora Ek - Vinay Nadkarni</p>	<p>Debate PRO/CON: Recovery position kills!</p> <p>Session Chairs: - Federico Semeraro - Andrew Lockey</p> <p>Speakers: - Bernd Böttiger - Therese Djarv</p>	<p>Case-based discussion: How to handle perioperative cardiac arrest</p> <p>Session Chairs: - Carsten Lott - Robert Greif</p> <p>Speakers: - Jasmeet Soar - Jochen Hinkelbein</p>	<p>Roundtable on AI and Resuscitation</p> <p>Session Chairs: - Koen Monsieurs - Paul McConnel</p> <p>Speakers: - Koen Monsieurs - Pascal Cassan - Paul McConnel - Robert Leach - Christian Hassager</p>		

<p>Afternoon 3- 16:00-16:45 45 min</p>	<p>Refractory cardiac arrest is challenging, and due to the severity and prolonged resuscitation with traditional ALS, survival rates is markedly reduced over time. By introducing early eCPR, however, survival has been markedly improved in several worldwide centers the last decade. This treatment is rather invasive, demanding resources, equipment and requiring specified expertise, both pre- and inhospital, thereby also controversial and under debate. In this very relevant session, world experts in the field will present, and debate with you, their views on whether it is about time to incorporate eCPR in clinical practice or not.</p>	<p>Practical session with clinical cases to learn how to sedate cardiac arrest patients in the post ROSC period.</p>	<p>Join the Young ERC Committee for an introduction to Young ERC activities, showcasing opportunities for involvement of the resuscitation community's early - career members. This will be followed by an insightful talk on mentorship in resuscitation science and medicine.</p>	<p>Recovery position in no cardiac arrest patients: yes or no? Experts will debate on this topic, interacting with the audience.</p>	<p>A practical case-based session on how to handle the cardiac arrest occurring in the operating room or in the perioperative period.</p>	<p>In the coming years, artificial intelligence (AI) will play an important role in all fields, and the management of cardiac arrest will be no exception. AI could have several advantages: early detection of pathologies that could lead to cardiac arrest and identification of patients at risk, helping operators, whether doctors or non-physicians, to optimise their interventions in the field and also during their training. To ensure that AI takes its place in the management of cardiac arrest without replacing the humanist aspect, we will need to pay particular attention to the ethical and confidentiality aspects, as well as to equity of access for everyone in the world.</p>	
	<p>Debate PRO/CON: ERC/ESICM vs. ESAIC/EUSEM Guidelines: Temperature target should be 33!</p> <p>Session Chairs: - Markus Skrifvars - Kjetil Sunde</p> <p>Speakers: - Katherine Berg - Hans Friberg</p>	<p>Roundtable: WISER Initiative</p> <p>Session Chairs: - Joyce Yeung - Carolina Malta-Hansen - Kirstie Haywood</p> <p>Speakers: - Kirstie Haywood</p>		<p>Debate PRO/CON: We need cardiac arrest centers!</p> <p>Session Chairs: - Markus Skrifvars - Kaushila Thilakasiri Modarage</p> <p>Speakers: - Bernd Böttiger - Andrew Lockey</p>	<p>Case-based discussion: How to handle prognostication after cardiac arrest</p> <p>Session Chairs: - Chiara Robba - Shir Lynn Lim</p> <p>Speakers: - Kjetil Sunde - Zoe Fritz</p>	<p>Young ERC F.I.R.S.T. Competition</p> <p>Session Chairs: - Ahmed Elshaer - Anastasia Spartinou</p> <p>Judges: - Carolina Malta Hansen - Federico Semeraro - Bernhard Kowalski</p>	

<p>Afternoon 4 - 16:45-17:30 45 min</p>	<p>Temperature management after cardiac arrest, with special focus on the optimal target temperature, has been debated worldwide for the last 20 years. The pendulum has switched over the years from 32-33 C to 36 C and further to just avoiding fever, but all these targets are still in clinical use today. In addition, different professional organisations have contradictory recommendations; whereas ESAIC/EUSEM still recommend 33 C, ERC/ESICM recommend avoiding fever. In this very clinically relevant session, world experts in the field will present, and debate with you, their views on this exciting topic</p>	<p>Come and learn more about the new WISER program directly from the promoters and experts in this roundtable full of interactive discussion.</p>		<p>This debate will explore whether specialized cardiac arrest centers are the key to improving survival rates. Professor Bernd Böttiger will highlight the German experience, demonstrating how these centers have revolutionized patient care and outcomes. On the opposing side, Professor Andre Lockey, MBE, will argue for a more integrated approach, emphasizing the challenges and potential limitations of specialized centers. Attendees will gain valuable insights into both perspectives, leaving with a deeper understanding of the future of cardiac arrest care. Don't miss this vital discussion that could shape the next steps in resuscitation science.</p>	<p>A poor outcome after cardiac arrest can be defined as one which was not desired by the individual: this might be immediate death, or it might be a prolonged death after a period on the intensive care unit or in hospital, or it might be survival but with severe neurological disability. It is fundamental to predict and assess the severity of post cardiac arrest post-anoxic coma in order to understand the clinical trajectory of patients and to facilitate communication with families. It is also essential to have early conversations - before a patient deteriorates - to establish a shared understanding of what outcomes would be valued and feared by the individual. In this session, we will first explore how to have such conversations with the patient and their family, drawing on the UK example of ReSPECT (https://www.resus.org.uk/respect), and then discuss the guideline-recommended indicators of severe post anoxic coma and the predictive tools for outcome including clinical evaluation-for instance pupillary reflexes-somatosensory evoked potentials, biomarkers, patterns on electroencephalogram, and neuroimaging as well as risk scores and emerging tools for early prognostication.</p>	<p>The Future Innovations in Resuscitation Science and Technology (F.I.R.S.T.) competition aims to involve resuscitation enthusiasts with novel ideas to inspire future research and innovation.</p> <p>This year 6 early-career contestants will pitch their novel ideas on the potential of Artificial Intelligence (AI) for CPR to a jury of resuscitation experts and congress participants.</p>	
	<p>Late Breaking Science: IVIO, PARAMEDIC₃ and VICTOR</p> <p>Session Chairs: - Theresa M. Olasveengen - Robert Neumar</p> <p>Speakers: - Mikael Fink Vallentin - Ranjit Lall - Ying-Chih Ko - Keith Couper - Katherine Berg - Demetris Yannopoulos - Gavin Perkins - Lars Wiuff Andersen</p>	<p>Lessons learned from "Get Trained Save Lives" (GTSL) campaign</p> <p>Speakers: - Zoran Bahtijarević - Peter Klomp - Sander van Goor - Carsten Lott</p>					

Afternoon 5 -
17:30-18:30
60 min

This session will unveil results from two late-breaking clinical trials (IVIO and PARAMEDIC₃) along with one published clinical trial (VICTOR) comparing initial intravenous (IV) versus intraosseous (IO) vascular access strategies for drug therapy in out-of-hospital cardiac arrest patients. Lead authors will present their findings and participate in a panel discussion moderated by international resuscitation experts who will delve into the implications of these studies. The session will conclude with an audience Q&A, fostering an engaging and informative exchange on these pivotal clinical trials. Discover groundbreaking insights into IV and IO access strategies from the latest clinical trials, IVIO, PARAMEDIC₃, and VICTOR, presented by their lead authors.

- How to organise CPR mass trainings
- Curriculum development for CPR training in a sports setting
- Impact of social media in the GTSL awareness campaign