

Resuscitation 2022 Scientific Programme

Thursday 16 June 2022

Time	Queen Elisabeth Hall	Okapi Room	Gorilla Room	Hummingbird Room (online track)
	Update on ERC Courses	ERC ESCAPE-NET	Sharing Science	
09:00 - 10:15	Moderators	Moderators	Moderators	Janet Bray Keith Couper Anna Bichmann
	Basic Life Support	Sander van Goor	Ethical issues in OHCA research	Getting published
	Advanced & Immediate Life Support	Francesca Carmona	Genetics of OHCA risk	Social Media
	Paediatric Life Support	Jana Djakow	How to design the best lay responder system	Infographics
	Neonatal Life Support	John Madar	Deployment, density, and usage of AED in OHCA in Europe	Online Teaching
	Panel Discussion		Analysis of transthoracic impedance waveform variability to assess quality of CPR and outcome during out-of-hospital cardiac arrest Results from the first prospective human use of real-time AMSA analysis to guide CPR	Panel Discussion
	Opening Ceremony	The opening ceremony takes place in the Queen Elisabeth Hall and will be livestreamed on all online channels		
10:45 - 11:50	Welcome by ERC	Koen Monsieus		
	Welcome by Governor of Antwerp	Governor Cathy Berx		
	Safar Lecture	Theresa Olasveengen		
	World Restart A Heart Birthday	Koen Monsieus		
11:50 - 12:00	BREAK			
	Equity and Diversity in Resuscitation	Hot Topics from ILCOR Task Force Chairs	Industry Rapid Fire Session	
12:00 - 13:15	Moderators	Koen Monsieus Sule Akin	Moderators	Federico Semeraro Nicolas Motos
	Achieving equity in Resuscitation	Marina Del Rios	Basic Life Support	CORPULS: Find out what ECGMax can do
	Achieving equity and diversity in organisations	James Cant	Advanced Life Support	Michael Heller
	ERC Initiatives in Equity and Diversity	Theresa Olasveengen	Paediatric Life Support	
	Young ERC Initiatives	Jessica Rogers	Education and Implementation	To be added
	Panel Discussion		Neonatal Life Support First Aid	
	LUNCH e-POSTERS			Lunchtime webinar ESAIC
13:15 - 14:30				Moderators
				Maria Georgiou Karl Thies
				Strengthening the chain of survival by empowering medical laypersons
				Bibiana Metelmann
				Management of Cardiac Arrest in Pregnancy
				Carolyn Weiniger
				Patient Awareness and Consciousness during CPR
				Bernd Böttiger
	Panel Discussion			
	Young Investigator Awards	Free Paper Session 1	Free Paper Session 2	
	Chair	Gavin Perkins	Moderators	Kasper Lauridsen
			Moderators	Sebastian Schnaubelt
	Finalists		Presenters	
			The use of primary healthcare on the day of out-of-hospital cardiac arrest -and the association with 30-days survival	Kristin Alm-Kruse
		Influence of external stressors on non-technical and technical skills during cardiopulmonary resuscitation.	Spatial risk analysis of out-of-hospital cardiac arrests in Amsterdam	Robin Buter
	Detection of circulation state during cardiac arrest treatment employing accelerometry	Wolfgang Kern	Incidence and Predictors of Peri-intubation Cardiac Arrest: A systematic review and meta-analysis	Charu Malhotra
14:30 - 15:30	Determining Myocardial Infarction Using High Sensitive Troponin T in Out-of-Hospital Cardiac Arrest	Bas Verkalk	The COVID-19 pandemic's impact on out-of-hospital cardiac arrest incidence and survival outcomes: a systematic review	Abdulkarim Almazra
	The nationwide impact of COVID-19 on Advanced Life Support courses. A retrospective evaluation by Resuscitation Council UK	Chris Thorne	Complete revascularization improves survival of patients with out-of-hospital cardiac arrest caused by acute myocardial infarction.	Francesca Romana Gentile
	Trends in pediatric out-of-hospital cardiac arrest over an 18-year period in Rotterdam, the Netherlands	Marijn Albrecht	Cardiopulmonary resuscitation quality at in-hospital cardiac arrest: a cohort study	Keith Couper
	"Negotiating a new normal": A qualitative systematic review of survivors' experiences following cardiac arrest	Charly Southern	CARDIO DRONE – An Airborne AED, study project in a remote area	Pedro Caldeira
15:30 - 16:15	BREAK			
	Temperature Control after Cardiac Arrest in Adults	Education	EuReCa	ERC Guidelines Webinar
16:15 - 17:30	Moderators	Claudio Sandroni Theresa Olasveengen Ahmed Elshaer	Moderators	Patricia Conaghan Silvija Hunyadi-Anticevic Vlasios Karageorgos Carsten Lott
	New ERC/ESICM Guidelines	Jerry Nolan	The Need for Instructor Training	Timo Greif
	Controversies	Kate Berg	Assessment in advanced courses	Timo de Raad
	Future Trials	Niklas Nielsen	Using Technology to Teach	Federico Semeraro
	Panelists	Wilhelm Behringer Benjamin Abella		
	Panel Discussion		Panel Discussion	
			Updates from Individual Registries	Jan Whent Siobhan Masterson Diana Cimpesu Chris Giordimaina Ingvild Tjelmeland
				Showing you the changes in the ERC Guidelines 2022

Friday 17 June 2022

Time	Queen Elisabeth Hall	Okapi Room	Gorilla Room	Online Track					
08:00 - 09:45	Helping Bystanders		Newborn Life Support						
	Moderators Federico Semeraro Michael Smith Dominique Biarent	Moderators Sebastian Schnaubelt Gavin Perkins	Moderators John Madar Marje Hoeveen Kasper Lauridsen						
	Technologies to help bystanders during the emergency call	ERC Vision for Research	Gavin Perkins	Do we really understand the newborn airway?					
	Optimising use of AEDs	Resuscitation Plus	TBA	Changing trends in newborn airway management					
	Bystander CPR in Children	EurCa – Past, present and future	Jan-Thorsten Graesner	Making valid judgements on competency during NLS training					
	Drones	ESCAPE-NET Update – What's Next?	Hanna Tan						
	Panel Discussion	Update from Utstein Highlights from ERC ResearchNET Belgian Cardiac Arrest Registry - The Benefits of LifeForce	Janet Bray Bernd Böttiger Pierre Mols Theodoros Kalyvas	Panel Discussion					
BREAK									
09:15 - 10:00	Best of the Best		Free Paper Session 3		Free Paper Session 4		Joint Webinar EUSEM		
	Chair Jerry Nolan	Moderators	Ahmed Elshaer	Moderators	Michael Smith	Moderators	Natasa Spartinou Abdo Khoury Wilhelm Behringer		
	Judges Sabine Nabecker	Presenters		Presenters		Ultrasound in Cardiac Arrest: Is It Useful and How?			
	Finalists	Mitochondrial integrity alteration in brain injury after cardiac arrest and cardiopulmonary resuscitation (CA-CPR)	Francesca Funagalli			Should We Bring eCPR to the Patient or the Patient to eCPR?			
	Virtual reality as a teaching method for resuscitation training in undergraduate first-year medical students during COVID-19 pandemic: A randomised controlled trial	Conventional and Speckle-Tracking Echocardiography (STE) and Cardiac Circulating Biomarkers in a rat model of Cardiac Arrest	Daria De Giorgio	Advantage of bystander-performed conventional cardiopulmonary resuscitation in pre-school paediatric out-of-hospital cardiac arrest: A propensity score matching analysis using extended nationwide database	Owada Hitoshi	REBDA for non-traumatic cardiac arrest			
	Effect of chest compression fraction on survival from out-of-hospital cardiac arrest in a system with minimal interruptions in resuscitation	Post-ROSC ECG in post-resuscitation care: beyond the diagnostic role. A sub analysis of the PEACE study	Francesca Romana Gentile	Impact of the Coronavirus 2019 Pandemic on Paediatric Out of Hospital Cardiac Arrest Outcomes During 2020	Maryam Naim	Ventilation in Cardiac Arrest – the unmet need			
	Prediction feasibility of real time AMSA measurement during CPR using a modified clinical defibrillator	I can't do this alone!: A qualitative systematic review of significant others' experiences' following cardiac arrest survival.	Charly Southern	Supraglottic airway device to prevent pulmonary aspiration during cardiopulmonary resuscitation by basic life support rescuers: a randomized cross-over human cadaver study.	Nicolas Segond	Panel Discussion			
	Is frailty associated with neurological function and health-related quality of life after in-hospital cardiac arrest? - A Swedish cohort study	How well do the EQ-5D-5L and SF-12v2 measure Health-related Quality of Life (HRQL) in Out-of-Hospital Cardiac Arrest (OHCA) survivors? : a comparative analysis of measurement validity	Kirsty Haywood	Feasibility randomised controlled trial of optimal shock energy for defibrillation	Helen Pocock				
	Strategic placement of Citizen Responder System defibrillators	Post-ROSC peripheral Mean Perfusion Index predicts the occurrence of lactic acidosis on ICU admission.	Alessandro Fasolino	Serum proteome alterations during conventional and extracorporeal resuscitation in pigs	Jan-Steffen Pooth				
	What is the best location for a defibrillator to improve OHCA coverage?	Temperature control in clinical trials versus the real world: application of the TTM2 trial criteria.	Janet Bray	Visualisation of cerebral blood flow in extracorporeal cardiopulmonary resuscitation in a porcine model of prolonged cardiac arrest	Jan-Steffen Pooth				
	Controlled Automated Reperfusion of the whole body: Vision, Translation and Implementation of a New Concept towards Survival and Neurologic Recovery in Patients after Prolonged Resuscitation	How well do the EQ-5D-5L and SF-12v2 measure change in Health-related Quality of Life (HRQL) following Out-of-Hospital Cardiac Arrest (OHCA)? : a comparative analysis of measurement responsiveness	Kirsty Haywood	Effects of no-flow time on the pathophysiology of Cardiopulmonary resuscitation-associated lung edema (CRALE) in a porcine model of cardiac arrest	Aurora Magliocca				
	BREAK								
11:20 - 12:35	Belgian Resuscitation Council Session		Paediatric Life Support		World Restart A Heart				
	Moderators Inge Roggen Leo Bossaert Jacques Delchef	Moderators	Kasper Lauridsen Dominique Biarent	Moderators	Bernd Böttiger Andrew Lockey Kausilia Thilakasi				
	Belgian Cardiac Registry	Diane De Longueville	is it so easy to diagnose circulatory arrest in children?	Sophie Sletten Nigel Turner	Introduction				
	World Restart A Heart in Belgium	Jacques Delchef	Airway Management in Cardiac Arrest and After	Jana Djakov	Update from ILCOR Councils		Various		
	Ethical Dilemmas around CPR	Christophe Lemmens	Paediatric Resuscitation European Database: looking for some answers.	Jimena del Castillo Nieves de Lucas Maayke Hunfeld Corinne Buysse	Update from Global Partners		Various		
	Implementing Technology in Emergencies in General Practice	Walter Renier	Outcome of OHCA in children		Social Media	Federico Semeraro			
	Panel Discussion		Panel Discussion		ILCOR Support	Robert Neumar Gavin Perkins Ann te Clef Bert Wollaert			
LUNCH e-POSTERS					Lunchtime webinar ESC				
					Moderators Enrico Balci Christian Hassager Nikolaos Nikolaou				
					CAG in OHCA without STEMI				
					eCPR				
					Periarrest echocardiography				
					Guido Tavazzi				
13:35 - 15:05	COVID-19 and Resuscitation		Young ERC		Industry Rapid Fire Session		Joint Webinar IFRC		
	Moderators Jasmeert Soar Theresa Olasveengen	Moderators Anna Bichmann Jessica Rogers	Moderators Federico Semeraro Johannes Wittig	Moderators			Moderators Jacqueline Eleonora-Ek Pascal Cassan Therese Djärv		
	Ethical Issues	Ignaas Devich	Judge Koen Monsieurs			Welcome and introduction		Pascal Cassan Therese Djärv	
	ILCOR Evidence Update on COVID-19 and infection risk to rescuers	Keith Couper				Training adaptation in crisis and war situation		William Clucas	
	Is CPR a high-risk aerosol procedure?	Andrew Shrimpton	To be added			International first aid, resuscitation and education guidelines : contextualization in theory and practice		Salomé Boucif Emily Oliver	
Panel Discussion	Cornilla Sasson				First aid education in Sub-Saharan Africa: adaptation to local context		Emmy de Buck Iwini Kendall		
					Wrap-up: towards common education principles				
					Q&A				
BREAK									
15:05 - 16:35	Closing Ceremony		<i>The closing ceremony takes place in the Queen Elisabeth Hall and will be livestreamed on all online channels</i>						
	Negovsky Lecture	Markus Skrifvars							
	Presentation of Awards & Prizes	Koen Monsieurs							
Resuscitation 2023		Giuseppe Ristagno							