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<th>Posted times are Eastern US Time</th>
<th>Friday, November 12</th>
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| 6:30-8:30 PM | ReSS.AW.01  
ReSS Young Investigator Networking Event  
*Live via Zoom*  
Moderators  
Sachin Agarwal, New York NY  
Cindy Hsu, Ann Arbor, MI  
Featured Presenter  
Marina del Rios, University of Illinois at Chicago, Chicago, IL |
| 9:00-10:00 PM | ReSS.JS.01  
Joint AHA/Japanese Circulation Society Session  
*Live via Zoom*  
Moderators  
Takanori Ikeda, Toho University Medical Center, Tokyo, Japan  
David Gaieski, Thomas Jefferson University, Philadelphia, PA  
TTM and Post Arrest Injury Severity in the US  
Clifton Callaway, University of Pittsburgh, Pittsburgh, PA  
Recent Experience with TTM Tailored to Injury Severity  
Mitsuaki Nishikimi, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan  
Tailoring TTM for Non-arrest Brain Injury  
Karen Hirsch, Stanford University, Stanford, CA  
Tailoring TTM in ECPR and Post Arrest ECMO: Strategies for Upcoming RCTs  
Yasuhiro Kuroda, Kagawa University, Kagawa, Japan |
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<th>Time</th>
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| 8:00-9:15 AM | **ReSS PL.01**  
Symposium Opening Welcome and Introduction  
Plenary Session 1: Updates in Post-arrest Targeted Temperature Management (TTM)  
Live via Virtual Platform  
Moderator  
Maaret Castren, Helsinki University Hospital, Helsinki, Finland  
Welcome Remarks  
Benjamin Abella, University of Pennsylvania, Philadelphia, PA  
The TTM2 Trial and Implications for Care  
Niklas Nielsen, Helsingborg Hospital, Lund University, Helsingborg, Sweden  
The Potential Role for TTM at 33C: Real-world Experience  
Nicholas Johnson, Harborview Medical Center, Seattle, WA  
Post-arrest Normothermia as a Possible New Standard  
Jerry Nolan, University of Bristol, Royal United Hospital, Bath, UK  
Pediatric Perspectives on Post-arrest TTM  
Alexis Topjian, Children’s Hospital of Philadelphia, Philadelphia, PA |
| 9:15-9:30 AM | Plenary Session 1 Q&A Discussion  
*Live via Zoom*                                                                                                                                                                                                 |
| 9:30-10:00 AM | **ReSS.AW.02**  
ReSS Awards  
*Live via Zoom*  
Moderators  
Michael W. Donnino, Beth Israel Deaconess Medical Center, Boston, MA  
Sarah M. Perman, University of Colorado, Aurora, CO  
Lifetime Achievement Award in Cardiac Resuscitation Science Recipient  
Kazuo Okada, Japanese Resuscitation Council, Tokyo, Japan  
Ian G. Jacobs Award for International Group Collaboration to Advance Resuscitation Science  
The Comprehensive Registry of Intensive care for OCHA Survival Study (the CRITICAL Study), Taku Iwami, Kyoto, Japan |
| ReSS Champion Award  
Mary Newman, Sudden Cardiac Arrest Foundation, Pittsburgh, PA |
| --- |
| **Saturday**  
10:00–11:00 AM |
| ReSS AOS.05B  
Oral Abstract Session: Post-arrest Care Beyond TTM  
*OnDemand Pre-recorded Broadcast* |
| **Abstract # RO1**  
Changes in Cytokine Responses by Treatment with Tocilizumab After Out-of-Hospital Cardiac Arrest – A Sub Study of the IMICA Trial |
| Martin A Meyer, Dept of Cardiology, Rigshospitalet, Copenhagen, DK–2100, Denmark; Mette Bjerre, Medical Res Lab, Dept of Clinical Med, Aarhus Univ, Aarhus, Denmark; Sebastian Wiberg, Johannes Grand, Anna Sina P Meyer, Laust E Obling, Jesper Kjaergaard, Christian Hassager, Dept of Cardiology, Rigshospitalet, Copenhagen, Denmark |
| **Abstract # RO2**  
Real-Time Nanopore Sequencing for Bacterial Pneumonia After Out-of-Hospital Cardiac Arrest, a Pilot Proof-of-Concept Study |
| Alexandra Weissman, Univ of Pittsburgh, Pittsburgh, PA; Mariam Bramah Lawani, Rutgers Univ/Robert Wood Johnson, New Brunswick, NJ; Thomas Rohan, Univ of Pittsburgh, Pittsburgh, PA; Clifton W CALLAWAY, UNIVERSITY PITTSBURGH, Pittsburgh, PA |
| **Abstract # RO3**  
Personalizing Outcomes After Child Cardiac Arrest (POCCA): A Preliminary Biomarker Report |
<p>| Ericka L Fink, UPMC CHILDRENS HOSPITAL of PITTSBURGH, Pittsburgh, PA; Patrick M. Kochanek, Safar Ctr for Resus Res, Pittsburgh, PA; Ashok Panigrahy, Children's Hosp of Pittsburgh, Pittsburgh, PA; Sue R. Beers, Univ of Pittsburgh Sch of Med, Pittsburgh, PA; Rachel P. Berger, UPMC CHILDRENS HOSPITAL of PITTSBURGH, Pittsburgh, PA; HULYA BAYIR, UPMC, Pittsburgh, PA; Chunyan Wang, Univ of Pittsburgh, Pittsburgh, PA; Jose Pineda, Children's Hosp of Los Angeles, Los Angeles, CA; Alexis A Topjian, CHILDRENS HOSPITAL PHILADELPHIA, Wynnewood, PA; aline maddux, Univ of Colorado, Denver, CO; Frederick Wilyerd, Phoenix Children's Hosp, Phoenix, AZ; Elizabeth A Hunt, The Johns Hopkins Univ, Baltimore, MD; Melissa G Chung, NATIONWIDE CHILDRENS HOSPITAL, Columbus, OH; Christopher Newth, Children’s Hosp of Los Angeles, Los Angeles, CA; Lincoln Smith, Seattle Children's Hosp, Seattle, PA; Leslie Doughty, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; J Wesley Diddle, Natl Children's Hosp, Washington, D.C., DC; Juan Piantino, Doernbecher Children's Hosp, Portland, OR; Karen Hallermeier Walson, Children's Healthcare of Atlanta, Atlanta, GA; Binod Balakrishnan, Medical Coll of Wisconsin, Wauwatosa, WI; Stuart Friess, Washington Univ St Louis, Saint Louis, MO; Ashley Siems, Johns Hopkins Children's Ctr, Baltimore, MD; Robert M Clark, UPMC CHILDRENS HOSPITAL of PITTSBURGH, Pittsburgh, PA; Anthony Fabio, Univ of Pittsburgh, Pittsburgh, PA; POCCA Investigators |</p>
<table>
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<tr>
<th>Abstract # RO4</th>
<th>Prevalence and Patterns of Injury Detected by Head-to-Pelvis Sudden Death Computed Tomography Following Cardiopulmonary Resuscitation</th>
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<tr>
<td>Aris Karatasakis, Basar Sarikaya, Linda Liu, Martin Gunn, Peter J Kudenchuk, Medley Gatewood, Michael R Sayre, Catherine Counts, David Carlbom, Univ of Washington, Seattle, WA; Rachel M Edwards, Univ of Washington, SEATTLE, WA; Kelley R Branch, Univ of Washington, Seattle, WA</td>
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*Presenting author is noted in bold text*

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<td>12:00-1:00 PM</td>
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<td>RS.LS.01</td>
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<td>Live via Zoom</td>
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"*Academic Medicine is stressful and overwhelming and promotion to Professor is impossible. No wonder everyone is burning out.*"

Is that true? Is any of that true? What if all those thoughts are optional? What if Academic Medicine could be AWESOME? What if Academic Medicine is the single most fulfilling job out there?! This is all available to you. Let's get started!

**Moderators**

Katherine Berg, Beth Israel Deaconess Medical Center, Boston, MA
Anne Grossestreuer, Beth Israel Deaconess Medical Center, Boston, MA

**Featured Presentation**
The KEYS to Academic Promotion and a Joyful Life in Academic Medicine
Elizabeth Hunt, Professor, Johns Hopkins University, Intensivist, Life and Leadership Coach, Baltimore, MD

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<td>ReSS AOS.05A</td>
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<td><em>OnDemand Pre-recorded Broadcast</em></td>
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Abstract #RO5
Antiarrhythmic Use and the Posterior Probability of Neurologically Intact Survival in a Reanalysis of the Amiodarone, Lidocaine or Placebo Study in Out-of-Hospital Cardiac Arrest

Frederick J Brown, Washington Univ Sch of Med, St. Louis, MO; Steven E Rigdon, Saint Louis Univ, St. Louis, MO; David L Brown, Washington Univ, Saint Louis, MO
Abstract # RO6
Association of Intra-Arrest Transport versus Continued On-scene Resuscitation with Survival to Hospital Discharge Among Pediatric Patients with Out-of-Hospital Cardiac Arrest
Masashi Okubo, Univ of Pittsburgh, Pittsburgh, PA; Sho Komukai, Osaka Univ, Suita, Japan; Junichi Izawa, Okinawa Prefectural Yaeyama Hosp, Ishigaki, Japan; Ian Drennan, Univ of Toronto, Tronto, ON, Canada; Brian Grunau, Univ of British Columbia, Vancouver, BC, Canada; Thomas Rea, Univ of Washington, Seattle, WA; Clifton W Callaway, University of Pittsburgh, Pittsburgh, PA

Abstract # RO7
Early Compared to Late Administration of Epinephrine in Adults With Shockable Initial Rhythm Out-of-Hospital Cardiac Arrest
Shengyuan Luo, Rush Univ Medical Ctr, Chicago, IL; Liwen Gu, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Wanwan Zhang, Sun Yat-sen Univ, Guangzhou; Yongshu Zhang, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Wankun Li, Feipeng Qiu, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Guanchun Zhang, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou, China; Jun Tao, The First Affiliated Hosp of Sun Yat-sen Univ, Guangzhou; Yan Xiong, UT Southwestern Medical Ctr, Dallas, TX; Ahamed H Idris, UT Southwestern Medical Center, Dallas, TX

Abstract # RO8
Does Targeted Temperature Management Modify the Association Between Increasing Epinephrine Dose and Survival Outcomes Following Out-of-Hospital Cardiac Arrest?
Betty Yang, Natalie Bulger, Univ of Washington, Seattle, WA; Richard Chocron, Descarte Paris Univ, Paris, France; Catherine Counts, Univ of Washington, Seattle, WA; Christopher Drucker, King County EMS, Seattle, WA; Nona Sootedehnia, Univ of Washington, Seattle, WA; Peter Kudenchuk, Univ of Washington; Michael R Sayre, Thomas Rea, Univ of Washington, Seattle, WA

Presenting author is noted in bold text

Saturday
3:00–4:00 PM
ReSS PL 02
Plenary Session 2: New Directions in Intra-arrest Management
Live via Virtual Platform

Moderators
Brian J. Oneil, Wayne State University, Clarkston, MI

Pharmacologic Approaches to ACLS
Lars Andersen, Aarhus University and Aarhus University Hospital, Aarhus, Denmark

Defibrillation Dosing during Resuscitation Care
Peter Kudenchuk, University of Washington, Seattle, WA
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<th>Title</th>
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<tr>
<td>CPR and ACLS in the COVID19 Patient</td>
<td>Dana Edelson, University of Chicago, Chicago, IL</td>
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<td>Intra-arrest ECMO: Report on the NIH eCPR Consensus Meeting</td>
<td>Tom Aufderheide, Medical College of Wisconsin, Milwaukee, WI</td>
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**Saturday**  
9:15-9:30 AM  
Plenary Session 2 Q&A Discussion  
*Live via Zoom*

**Posted times are Eastern US Time**  
Sunday, November 14

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<tr>
<th>Time</th>
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<tr>
<td>8:00-9:00 AM</td>
<td>ReSS AOS.03 Late-Breaking Resuscitation Science Oral Abstracts</td>
<td>Live via Virtual Platform</td>
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<td>Moderators: Monica Kleinman, Boston Children’s Hospital, Boston, MA</td>
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<td>Robert Neumar, University of Michigan, Ann Arbor, MI</td>
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<td>Abstract # RO13</td>
<td>Emergency Versus Delayed Coronary Angiogram In Survivors Of Out-Of-Hospital Cardiac Arrest Without ST Segment Elevation: Results Of The EMERGE Trial</td>
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<td>Christian Spaulding, Caroline Hauw-Berlemont, European Hosp Georges Pompidou, Paris, France; Lionel Lamhaut, Hôpital Necker, Paris, France; Jean-Luc Diehl, European Hosp Georges Pompidou, Paris, France; Christophe Andreotti, Olivier Varenne, Hôpital Cochin, Paris, France; Pierre Leroux, Jean Baptiste Lascarrou, Patrice Guerin, CHU de Nantes, Nantes, France; Thomas Loeb, Hôpital Raymond Poincaré, Garches, France; Eric Roupie, Cedric Daubin, Farzin Beggui, CHU de Caen, Caen, France; Gilles Chatellier, Aurélie Vilfaillot, Sophie Glippa, Juliette Djadi-Prat, European Hosp Georges Pompidou, Paris, France; Alain Cariou, Hôpital Cochin, Paris, France</td>
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<td>Abstract # RO14</td>
<td>Text-message Dispatched Volunteer Rescuers Collecting An AED First Improve Survival Of Patients With Cardiac Arrest At Home With Ventricular Fibrillation</td>
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<td>Remy Stieglis, Amsterdam UMC, Academic Medical Ctr, Amsterdam, Netherlands; Jolande A. Zijlstra, Health-Holland, Den Haag, Netherlands; Aeilko H Zwinderman, Marieke T. Blom, Rudolph W Koster, Amsterdam UMC, Academic Medical Ctr, Amsterdam, Netherlands</td>
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<td>Abstract # RO15</td>
<td>A Randomized Trial Of A Physiologic-Directed Point-of-Care Training And Debriefing Intervention For Cardiac Arrest</td>
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Robert M Sutton, Heather A Wolfe, The Children's Hosp of Philadelphia, Philadelphia, PA; Ron W Reeder, Univ of Utah, Salt Lake City, UT; Tagledin Ahmed, Children's Hosp of Michigan, Detroit, MI; Michael Bell, Children's Natl Hosp, Washington, DC; Robert Bishop, Children's Hosp of Colorado, Aurora, CO; Matthew Bochkoris, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Candice Burns, Washington Univ Sch of Med, St. Louis, MO; Joseph Carcillo, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Todd Carpenter, Children's Hosp Colorado, Aurora, CO; J Michael Dean, Univ of Utah, Salt Lake City, UT; J Wesley Diddle, Children's Natl Hosp, Washington, DC; Myke Federman, Mattel Children's Hosp, Los Angeles, CA; Richard Paul Fernandez, Nationwide Children's Hosp, Columbus, OH; Ericka L Fink, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Deborah Franzon, Benioff Children's Hosp, San Francisco, CA; Aisha Frazier, Nemours/Alfred I. duPont Hosp for Children, Wilmington, DE; Stuart H Friess, Washington Univ Sch of Med, Saint Louis, MO; Kathryn Graham, The Children's Hosp of Philadelphia, Philadelphia, PA; Mark Hall, Nationwide Children's Hosp, Columbus, OH; David Hehir, The Children's Hosp of Philadelphia, Philadelphia, PA; Christopher Horvat, UPMC Children's Hosp of Pittsburgh, Pittsburgh, PA; Leanna L Huard, Mattel Children's Hosp, Los Angeles, CA; William P Landis, Children's Hosp of Philadelphia, Philadelphia, PA; Tensing Maa, Nationwide Children's Hosp, Columbus, OH; Arushi Manga, Washington Univ Sch of Med, St. Louis, MO; Patrick McQuillen, Benioff Children's Hosp, San Francisco, CA; Kathleen Meert, Children's Hosp of Michigan, Detroit, PA; Ryan W Morgan, Children's Hosp of Philadelphia, Philadelphia, PA; Peter Mourani, Children's Hosp Colorado, Aurora, CO; Vinay M Nadkarni, Maryam Y Naim, The Children's Hosp of Philadelphia, Philadelphia, PA; Daniel Notterman, Princeton Univ, Princeton, NJ; Chella A Palmer, Univ of Utah, Salt Lake City, UT; Murray Pollack, Children's Natl Hosp, Washington, DC; anil sapru, Mattel Children's Hosp, Los Angeles, CA; Carleen Schneiter, Children's Hosp Colorado, Aurora, CO; Matthew Sharron, Children's Natl Hosp, Washington, DC; Ashley Siems, Children's Natl Hosp, Washington, DC; Sarah Tabbutt, Benioff Children's Hosp, San Francisco, CA; Bradley Tiford, Children's Hosp of Michigan, Detroit, MI; Shirley D Viteri, Nemours/Alfred I. duPont Hosp for Children, Wilmington, DE; David L Wessel, Children's Natl Hosp, Washington, DC; Andrew R Yates, Nationwide Children's Hosp, Columbus, OH; Athena Zuppa, Robert A Berg, The Children's Hosp of Philadelphia, Philadelphia, PA

Abstract # RO16
Triiodothyronine Nanoparticles Attenuate Early Post-resuscitation Brain Injury In A Porcine Model Of Cardiac Arrest
Brian R Weil, UNIVERSITY AT BUFFALO, Buffalo, NY; Abigail M Beaver, Elizabeth A Slabinski, Northeast Ohio Medical Univ, Rootstown, OH; Kimberly Wong, Beth Palka, Univ at Buffalo, Buffalo, NY; Shaker A Mousa, Pharmaceutical Res Inst at Albany Coll of Pharmacy and Health Sciences, Albany, NY; Jeffrey G Mellott, Northeast Ohio Medical Univ, Rootstown, OH

Abstract # RO17
In-hospital Cardiac Arrest Survival In Covid-19 Patients
Saket Girotra, UNIVERSITY IOWA, Iowa City, IA; Maya Lynn Chan, Pembroke High Sch, Kansas City, MO; Monique A Starks, Duke Univ, Durham, NC; Matthew M Churpek, Univ of Wisconsin- Madison, Waunakee, WI; Paul S Chan, MID AMERICA HEART INSTITUTE, Kansas City, MO

Presenting author is noted in bold text
| Sunday 9:00-9:15 AM | Late-Breaking Resuscitation Science Q&A Discussion  
*Live via Zoom* |
|-------------------|--------------------------------------------------|
| Sunday 9:30-10:30 AM | ReSS PL.03  
**Plenary Session 3: Survivorship – Current Needs and Knowledge Gaps**  
*Live via Virtual Platform*  
**Moderator**  
Melissa Parker, McMaster University, Hamilton, ON, Canada  
**The Post-ICU Experience for Arrest Survivors**  
Sachin Agarwal, Columbia University Medical Center, New York, NY  
**The Forgotten Stakeholders in Brain Injury: Family and Providers**  
Susanne Muehlschlegel, MGH Harvard Medical School, Boston, MA  
**ICDs - Indication and Long-term Management**  
Sana Al-Khatib, Duke University Medical Center, Durham, NC  
**Survivorship**  
Samantha Fernandez, Baylor College of Medicine, Houston, TX |
| Sunday 10:30-10:45 AM | Plenary Session 3 Q&A Discussion  
*Live via Zoom* |
| Sunday 11:00 AM-12:00 PM | ReSS AOS.04  
**Oral Abstracts and Presentation of the Max Harry Weill Award Lecture**  
*OnDemand Pre-recorded Broadcast*  
**Max Harry Weill Award for Resuscitation Science: Machine Learning Model for Predicting Out-of-hospital Cardiac Arrests Using Meteorological and Chronological Data**  
Takahiro Nakashima, University of Michigan, Ann Arbor MI  
**Abstract # RO19**  
Hispanics/Latinos Lack Access to Hospitals With Therapeutic Hypothermia Programs Following Out-of-Hospital Cardiac Arrest  
Nicholas Morris, Michael Mazzeffi, Patrick Mc Ardle, Univ of Maryland Sch of Med, Baltimore, MD; Teresa May, Maine Medical Ctr, Portland, ME; Greer Waldrop, Columbia Univ Vagelos Coll of Physic i ans and Surgeons, New York, NY; Sarah A Perman, UNIV OF COLORADO SCH OF MED, Aurora, CO; James F Burke, Univ of Michigan, Ann Arbor, MI; Steven M Bradley, MINNEAPOLIS HEART INSTITUTE, Minneapolis, MN; Sachin Agarwal, COLUMBIA UNIVERSITY MEDICAL CENTER, New York, NY; Jose F. Figueroa, Harvard T. H. Chan Sch of Public Health, Boston, MA; Neeraj Bajaj tia, Univ of Maryland Sch of Med, Baltimore, MD |
Abstract # RO20
Long-Term Trends in the Incidence and Outcome of Refractory and Non-Refractory Ventricular Fibrillation Cardiac Arrest
Ziad Nehme, Emily Andrew, Jocasta Ball, Karen Louise Smith, Ambulance Victoria, Blackburn North, Australia

Abstract # RO21
Activation of Citizen Responders to Out-of-Hospital Cardiac Arrest: Temporal Changes During the COVID-19 Outbreak in Denmark 2020
Mads Christian Tofte Gregers, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Linn Andelius, Copenhagen Emergency Medical Services, Univ of Copenhagen, Copenhagen, Denmark; Carolina Malta Hansen, Astrid Marie Rolin Kragh, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Christian Torp-Pedersen, Dept of Cardiology and Clinical Res, Hillerød, Denmark; Helle Collatz Christensen, Copenhagen Emergency Medical Services Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Julie Kjoelbye, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark; Ulla Væggemose, Dept of Res and Development, Prehospital Emergency Medical Services, Aarhus, Denmark; Erika Frischknecht Christensen, CPER - Ctr for Prehospital and Emergency Res, Inst for Clinical Med, Aalborg Univ and Aalborg Univ Hosp, Aalborg, Denmark; Fredrik Folke, Copenhagen Emergency Medical Services, Univ of Copenhagen, Ballerup, Denmark

Abstract # RO22
Long-Term Outcomes in Post-Cardiac Arrest Patients With Severe Functional Disability at Hospital Discharge
Amy Xiao, Patrick J Coppler, Clifton W Callaway, Univ of Pittsburgh, Pittsburgh, PA

Presenting author is noted in bold text

Sunday 12:00-1:00 PM
ReSS PL.04
Plenary Session 4: The Year in Review and ILCOR Update
Live via Virtual Platform

Moderator
Tom Aufderheide, Medical College of Wisconsin, Milwaukee, WI

Year in Review – Adults
Lance Becker, Northwell Health, Manhasset, NY

Year in Review – Pediatrics
Dianne Atkins, University of Iowa, Iowa City, IA

ILCOR Update
Katherine Berg, Beth Israel Deaconess Medical Center, Boston, MA

Sunday 1:00-1:15 PM
Plenary Session 4 Q&A Discussion
Live via Zoom
| **Abstract # RO23** | Immediate Percutaneous Coronary Intervention in Patients with Refractory Out of Hospital Cardiac Arrest  
Daniel Rob, Arles Kral, Jana Smalcova, Tomas Kovarnik, David Zamanek, Ondrej Smid, Petra Kavalkova, Charles Univ and General Univ Hosp, Prague, Czech Republic; Michael Huptych, Czech Inst of Informatics, Robotics and Cybernetics, Czech Technical Univ, Prague, Czech Republic; Arnost Komarek, Charles Univ, Prague, Czech Republic; Jan Belohavek, Charles Univ and General Univ Hosp, Prague, Czech Republic  
| **Abstract # RO24** | Supraglottic Airway Devices Are Associated With Asphyxial Physiology Upon Arrival for ECPR in Patients With Refractory OHCA Treated With Prolonged CPR  
Jason Bartos, Arianne Agdamag, Rajat Kalra, Univ of Minnesota, Minneapolis, MN; Lindsay Nutting, Univ of MN Medical Ctr, Minneapolis, MN; Ralph J Frascone, Regions Hosp, Oakdale, MN; Aaron M Burnett, REGIONS HOSPITAL EMS, Oakdale, MN; Nik Vuljaj, Fairview Healthcare System, Minneapolis, MN; Charles Lick, Allina Health, Hopkins, MN; Peter Jan Tanghe, Allina Health System, St. Paul, MN; Paul Nystrom, Hennepin Healthcare, Minneapolis, MN; Ryan Quinn, Hennepin Healthcare, Edina, MN; Nick Simpson, Hennepin Healthcare, Minneapolis, MN; Bjorn Peterson, Kari Haley, Regions Hosp, St. Paul, MN; Kevin Sipprell, Ridgeview Medical Ctr, Waconia, MN; Demetris Yannopoulos, UNIVERSITY OF MINNESOTA, Minneapolis, MN  
| **Abstract # RO25** | Impact of Leukocyte Filtration and Leukocyte Modulation on Recovery of Heart Function After Prolonged Cardiac Arrest Treated With ECPR in a Porcine Model  
Jensyn VanZalen, ECLS Lab Univ of Michigan, Ann Arbor, MI; Takahiro Nakashima, Univ of Michigan, Ann Arbor, MI; Annie Phillips, ECLS Lab Univ of Michigan, Ann Arbor, MI; Joseph Hill, Univ of Michigan, Ann Arbor, MI; Alyssa Enciso, Olivia Pak, ECLS Lab Univ of Michigan, Ann Arbor, MI; Stephen Harvey, Univ of Michigan Health Syste, Ann Arbor, MI; Keenan Longan, ECLS Lab Univ of Michigan, Ann Arbor, MI; Robert Bartlett, Univ of Michigan, Ann Arbor, MI; Alvaro Rojas-Pena, Univ of Michigan, Ann Arbor, Colombia; Robert W Neumar, UNIV OF MICHIGAN HEALTH SYSTEM, Ann Arbor, MI  
| **Abstract # RO26** | Early Lactate Clearance is Associated With Survival in a National Cohort of Refractory Out-of-Hospital Cardiac Arrest Patients Managed With Extracorporeal Cardiopulmonary Resuscitation  
Emilie Gregers, Rigshospitalet, Copenhagen, Denmark; Louise Linde, Odense Univ Hosp, Odense, Denmark; Sivagowry Moer, Aarhus Univ Hosp, Aarhus, Denmark; Jo B Andreasen, Aalborg Univ Hosp, Aalborg, Denmark; morten smerup, Jesper Kjaergaard, Peter Hasse Moeller-Soerensen, lene holmvang, Rigshospitalet, Copenhagen, Denmark; CHRISTIAN juhl J TERKELSEN, Mariann Tang, steffen christensen, Aarhus Univ Hosp, Aarhus, Denmark; Jacob E Moller, Jens Flensted Lassen, Odense Univ Hosp, Odense, Denmark; Matilde
Winther-Jensen, Frederiksberg and Bispebjerg Hosp, Copenhagen, Denmark; Sisse Thomassen, Helle Laugesen, Aalborg Univ Hosp, Aalborg, Denmark; Christian Hassager, Helle Soeholm, Rigshospitalet, Copenhagen, Denmark

*Presenting author is noted in bold text*

| Sunday | 3:30-4:30 pm | ReSS PL.05  
Plenary Session 5: Special Circumstances in Resuscitation  
*Live via Virtual Platform* |
|---|---|---|
| Moderators  
Oscar Mitchell, Penn Medicine, Wynnewood, PA  
Alexis Steinberg, University of Pittsburgh, Pittsburgh, PA |
| Maternal Cardiac Arrest  
Carolyn Zelop, The Valley Hospital and NYU School of Medicine, Paramus, NJ |
| Physiologic and Metabolic Directed Resuscitation  
Todd Kilbaugh, Children’s Hospital of Philadelphia, Philadelphia, PA |
| Neuroprognostication in a Changing Landscape  
Karen Hirsch, Stanford University, Stanford, CA |
| Cardiac Arrest and Massive Pulmonary Embolism  
James Horowitz, NYU Langone Health, Brooklyn, NY |

| Sunday | 4:30-4:45 pm | ReSS AOS.01: Best of the Best Oral Abstract Presentations  
*Live via Zoom* |
|---|---|---|
| Presentation #RO27  
Prevalence of Inappropriate Defibrillation Attempts During Pediatric In-Hospital Cardiac Arrest  
James M Gray, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Tia T Raymond, Medical City Children’s Hosp, Dallas, TX; Dianne L Atkins, Univ of Iowa, Iowa City, IA; Ken Tegtmeyer, Cincinnati Children’s Hosp Medical Ctr, Cincinnati, OH; Dana Erika Niles, Vinay M Nadkarni, Children’s Hosp of Philadelphia, Philadelphia, PA; Maya Dewan, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; the PediRES-Q Investigators |

| Sunday | 5:00-6:00 pm | ReSS AOS.01: Best of the Best Oral Abstract Presentations  
*Live via Virtual Platform* |
|---|---|---|
| Presentation # RO28  
Novel Peptide for Cardiopulmonary Resuscitation  
Jing Li, Xiangdong Zhu, Univ of Illinois at Chicago, Chicago, IL; Matt Oberdier, Johns Hopkins Univ, Baltimore, MD; Chunpei Lee, Univ of Illinois at Chicago, Chicago, IL; Misha Granado, Univ of Texas-Houston, Houston, TX;
Presentation # RO29
Importance of Preventing Decreased Levels of Lysophosphatidylcholine—DHA in Brain and Plasma for Attenuating Brain Injury After Cardiac Arrest

Mitsuaki Nishikimi, Feinstein Insts for Medical Res, Manhasset, NY; Muhammad Shoaib, The Feinstein Inst for Medical, Manhasset, NY; Tomoaki Aoki, FIMR, Northwell Health System, Manhasset, NY; Rishabh Choudhary, NORTHWELL HEALTH, Manhasset, NY; Santiago J Miyara, Feinstein Inst for Medical Res, Manhasset, NY; Tsukasa Yagi, Nihon Univ Hosp, Tokyo; Tai Yin, Nihon Univ Hosp, Tokyo, Manhasset, NY; Lance B Becker, Northwell Health, Manhasset, NY; Junhwan Kim, THE FEINSTEIN INSTITUTE FOR MEDICAL, Manhasset, NY

Presentation # RO30
Can Live Video Streaming From Bystander’s Smartphone Improve the Quality of Chest Compressions in Real Out-of-Hospital Cardiac Arrest?

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