



6th International Hypothermia and Temperature Management Symposium

September 12-14, 2016

Jefferson Alumni Hall * 1020 Locust Street, Philadelphia, PA, 19107

Preliminary Agenda – Subject to Change

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SUNDAY, SEPTEMBER 11, 2016

| Time | Topic | Speaker |
|---------------|-------------------------|---------|
| 4:00PM-7:00PM | <i>Pre-Registration</i> | |

MONDAY, SEPTEMBER 12, 2016

| Time | Topic | Speaker |
|-------------------|---|----------------------------------|
| 7:00AM - 7:45AM | <i>Registration, Breakfast & Exhibits</i> | |
| 7:45AM - 8:00AM | 101- Welcoming | Mark L. Tykocinski, MD |
| 8:00AM - 8:20AM | 102 - From basic models to human clinical trials of TTM: The CAMARADES experience | Hans Friberg, MD |
| 8:20AM - 8:40AM | 103 - TTM dosing: does depth and length matter? | Jon Rittenberger, MD |
| 8:40AM - 9:00AM | 104 - Metabolic Resuscitation During TTM | Michael Donnino, MD |
| 9:00AM - 9:20AM | 165 - Therapeutic Hypothermia in Deceased Organ Donors and Kidney Graft Function | Darren Malinoski, M.D., F.A.C.S. |
| 9:20AM - 9:40AM | 106 - What do the Guidelines say about TTM? | Lance Becker, MD |
| 9:40AM - 10:00AM | 107 - Discussion Nuts and Bolts MODERATORS: David Gaijeski, Fred Rincon | |
| 10:00AM - 10:20AM | <i>Break</i> | |

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| 10:20AM - 10:40AM | 108 - Pharmacologic induction and optimization of TTM effects: are clinical trials feasible? | Jonathan Elmer, MD |
| 10:40AM - 11:00AM | 109 - Do we need prophylactic antibiotics and paralytics during TTM? | David Seder, MD |
| 11:00AM - 11:20AM | 110 – Cooling as an Adjunctive therapy to Percutaneous Intervention in Patients with Acute Myocardial Infraction | Marko Noc, MD |
| 11:20AM - 11:40AM | 111 - Hypothermia and valproic acid: new approach to activate prosurvival pathways after hemorrhage | Hasan Alam, MD |
| 11:40AM - 12:00PM | 112 - Discussion Pharmacology MODERATORS: Marion Leary | |
| 12:00PM - 1:00PM | Lunch | |
| 1:00PM - 1:20PM | 113 - Do we need to cool the brain after AIS in the era of mechanical thrombolysis and DHC? | Patrick Lyden, MD |
| 1:20PM - 1:40PM | 114 - Why do we need to treat fever in critically-ill neurological patients? | Fred Rincon, MD |
| 1:40PM - 2:00PM | 115 - TTM after Cardiac Arrest in Pediatrics: Let's summarize the evidence | Alexis Topjian, MD |
| 2:00PM - 2:20PM | 116 - Impact of fever in the ICU: the HEAT-study | Naomi Hammond, RN, BN, MN (Crit.Care), MPH |
| 2:20PM - 2:40PM | 117 - Discussion Neurological Injury MODERATORS: Samuel Tisherman; Tetsuya Sakamoto | |
| 2:40PM - 3:00PM | 118 – Possibility of New Criteria of ECMO and TTM and Japanese Current States of TTM | Noritoshi Ito, MD |
| 3:00PM - 3:20PM | 119 – Japanese ECMO trails in cardiac arrest | Tetsuya Sakamoto, MD |
| 3:20PM - 3:40PM | 120 - Time to ECMO and therapeutic hypothermia in OHCA | Ken Nagao, MD |
| 3:40PM - 4:00PM | 121 - How to monitor and target core temperature during ECMO induced hypothermia? | Hitoshi Hirose, MD Jamie Byrne, CRNP |

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| 4:00PM - 4:20PM | 122 - Discussion TTM ECMO MODERATORS: David Gaieski | |
| 4:20PM - 4:40PM | <i>Break</i> | |
| 4:40PM - 5:00PM | 123 - Combining TTM and recanalization after STEMI | Karl Kern, MD |
| 5:00PM - 5:20PM | 124 - Pre-hospital and Intra-arrest Cooling: is it dead or where is the evidence? | Benjamin Abella, MD |
| 5:20PM - 5:40PM | 125 - Early ROSC and role of lower and longer target temperature and slower rewarming during hypothermia (J-PULSE-Hypo overview) | Hiroshi Nonogi, MD |
| 5:40PM - 6:00PM | 126 - TTM in CA due to non-shockable rhythms | Sarah Perman, MD |
| 6:00PM - 6:30PM | 127 - Discussion Cardiac Arrest MODERATORS: Munish Goyal; Dan Kolansky | |
| 6:30 PM | Poster Viewing | |

TUESDAY, SEPTEMBER 13, 2016

| Time | Topic | Speaker |
|--------------------|---|---------------------------------------|
| 7:00AM - 7:45AM | <i>Registration, Breakfast & Exhibits</i> | |
| 7:45AM - 7:50AM | 128 - Best of the Best Oral Abstract Session - Introduction | David Gaieski, MD and Fred Rincon, MD |
| 7:50AM - 8:00AM | 129 - Introduction of a Novel Technique to Selective Brain Cooling after Cardiac Arrest | Mohammad Fazel Bakhsheshi, PhD |
| 8:00AM - 8:10AM | 130 - Shorter cooling time is more effective for acute ischemic stroke | Patrick Lyden, MD |
| 8:10AM - 8:20AM | 131 - Hypothermia Inhibits Astrocyte-mediated Neuronal Protection | Patrick Lyden, MD |
| 8:20AM - 8:30AM | 132 - Ischemia Reperfusion Injury as a Modifiable Therapeutic Target for Cardioprotection or Neuroprotection in Patients Undergoing Induced Hypothermia | Graham Nichol, MD, MPH, FRCP |

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| 8:30AM - 8:40AM | 133 - Discussion Oral Presentations MODERATORS: David Gaieski, Fred Rincon | |
| 8:45AM - 9:00AM | 134 - Pro-Con Debate I - We need a randomized clinical trial of TTM + standard CPR vs ECMO-CPR for refractory CA (Pro Gaieski/ Con -Sakamoto) | David Gaieski, MD & Tetsuya Sakamoto, MD |
| 9:00AM - 9:20AM | 135 - Pro-Con Debate II - Hypothermia in severe traumatic brain injury – still a place (Pro Poldermam / Con Andrews) | Kees Polderman, MD & Peter Andrews, MD |
| 9:20AM - 9:40AM | 136- Discussion Pro-Con Debates MODERATORS: Dalton Dietrich; Hans Friberg | |
| 9:40AM - 10:00AM | Break | |
| 10:00AM - 10:20AM | 137 - Hematological considerations during TTM: bleeding and DVT's are these real? | Kees Polderman, MD |
| 10:20AM - 10:40AM | 138 - COOLING during neurosurgical evacuation of subdural hematoma: HOPES | Ryan Kitagawa, MD |
| 10:40AM - 11:00AM | 139- Cooling after intracerebral hemorrhage: What we have learned from the bench? | Frederick Colbourne, PhD |
| 11:00AM - 11:20AM | 140 - Update on cooling in trauma below the neck: EPR-CAT | Sam Tisherman, MD |
| 11:20AM - 11:40AM | 141 – Antiplatelet Strategies in Comatose Survivors of OHCA | Marko Noc, MD |
| 11:40AM - 12:00PM | 142 - Discussion Hemorrhagic Injury MODERATORS: Jack Jallo | |
| 12:00AM - 1:00PM | Lunch | |
| 1:00PM - 1:40PM | 143 - Plenary Session: Past, Present and Future of Hypothermia | Dalton Dietrich, PhD |
| 1:40PM - 2:00PM | 144 - Panel Discussion | |
| 2:00PM - 2:20PM | 145 - Post-hoc studies of the TTM Trial: have we learned more? | Nicklas Nielsen, MD |
| 2:20PM - 2:40PM | 146 - Neuro-prognostication after Cardiac Arrest: how do the experts do it? | Dave Greer, MD, MA, FCCM, FAHA, FNCS, FAAN |

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| 2:40PM - 3:00PM | 147 - Let's get real: neurologic function and HRQoL in CA patients following TTM | Gisele Lilja, PhD |
| 3:00PM - 3:20PM | 148 - Approaching brain death after cardiac arrest and ECMO | Rodney Bell, MD |
| 3:20PM - 3:40PM | 149 - Nutritional support during TTM: does one size fits all? | Neeraj Badjatia, MD |
| 3:40PM - 4:00PM | 150 - Discussion Outcomes MODERATORS: Jon Rittenberger, Sarah Perman | |
| 4:00PM - 4:20PM | Break | |
| 4:20PM - 4:40PM | 151 - Surviving COOLING and severe sepsis and septic shock: a new Campaign? | Morten Bestle, MD, PhD |
| 4:40PM - 5:00PM | 152- Therapeutic Hypothermia in ARDS | Joseph Varon, MD |
| 5:00PM - 5:20PM | 153 - Optimizing oxygenation, ventilation, and acid-base status during hypothermia | Brian Roberts, MD |
| 5:20PM - 5:40PM | 154 - Trans-pulmonary brain cooling: two birds one hit | Matthew Kumar, MD |
| 5:40 PM | 156 - Discussion Non-Neurological Injury MODERATORS: Lance Becker, David Gaieski | |
| 7:00PM | Dinner at The National Constitution Center – By RSVP only | |

WEDNESDAY, SEPTEMBER 14, 2016

| Time | Topic | Speaker |
|--------------------|---|-----------------------|
| 7:00AM - 7:30AM | Breakfast | |
| 7:30AM - 7:50AM | 157 - Traumatic brain injury, ICP or neuroprotection, where do we stand after EuroTHERM? | Peter Andrews, MD |
| 7:50AM - 8:10AM | 158 - Randomized Controlled Trial of Long-term Mild Hypothermia for Severe Traumatic Brain Injury (LTH- I): different methodology for COOLING after severe TBI | Guoyi Gao, MD, PhD |
| 8:10AM - 8:30AM | 159 - Temperature and the Traumatized Brain: A Normothermic Target? | Manoj Saxena, MBBCHIR |

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| 8:30AM - 8:50AM | 160 - The new COOL in spinal cord injury and concussion management: evidence from translational research | Dalton Dietrich, PhD |
| 8:50AM - 9:00AM | 172 – Discussion A: Discussion Areas of Uncertainty MODERATORS: David Seder, Patrick Lyden | |
| 9:00AM – 9:10AM | <i>Break</i> | |
| 9:10AM - 9:30AM | 161 - Is it appropriate to switch from 33 to 36 and is there a pragmatic way to decide? | Benjamin Abella, MD |
| 9:30AM - 9:50AM | 162 - Do we need a new clinical trial for Cardiac Arrest? | Nicklas Nielsen, MD |
| 9:50AM - 10:10AM | 163 - Post-TTM fever: predictors, management, and do we need to be concerned? | David Seder, MD |
| 10:10AM - 10:30AM | 164 – Discussion B: Areas of Uncertainty MODERATORS: Koichiro Shinozaki, Ken Nagao | |
| 10:30AM - 10:50AM | <i>Break</i> | |
| 10:50AM - 11:10AM | 105 - What do I need to develop a successful TTM program: from concept to reality | Gail Delfin, RN |
| 11:10AM - 11:30AM | 166 - Exploring biomarkers as meaningful endpoints for TTM research and therapy | Hans Friberg, MD |
| 11:30M - 11:50AM | 167 - Pitfalls and Opportunities in TTM Trial Design: Process variables, Biomarkers, Numerators, and Denominators | Lance Becker, MD |
| 11:50AM - 12:10M | 169 - Managing a TTM Program: Strategies for Success | Sarah Livesay, DNP, RN, ACNP-BC, CNS-BC |
| 12:10AM - 12:20PM | 170 - Discussion Future of TTM MODERATORS: Audrey Blewer, Karl Kern | |
| 12:20 PM – 12:30PM | 171 - Closure, presentation of HAYASHI Award and final remarks | |



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Track Legend

| | |
|--|---|
|  Nuts & Bolts |  Abstracts and Posters |
|  Break |  Hemorrhage |
|  Pharmacology |  Outcomes and Ethics |
|  Neurological injury |  Non neurological injury |
|  Cardiac Arrest |  Areas of Uncertainty |
|  Future | |

For more information, or to register, please visit <https://cme.jefferson.edu/content/IHS2016>