

**PEDIATRIC TRAUMA HEMORRHAGIC SHOCK TREATMENT GUIDELINE CONSENSUS CONFERENCE
PRELIMINARY PROGRAM**

DAY 1 – FRIDAY APRIL 22- CONSENSUS STATEMENT LECTURES AND DEVELOPMENT

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| 7:00-7:30 am | CONTINENTAL BREAKFAST | |
| 7:30-7:45 am | Introduction/Background/Conference Goals <i>Conference Co-Chairs: Robert Russell, MD, MPH & Philip C. Spinella, MD, FCCM</i> | |
| 7:45-8:30 am | KEYNOTE: Building an Optimal Pediatric Trauma Program | <i>Jeffrey Upperman, MD; Professor of Surgery, Vanderbilt Univ SOM</i> |
| 8:30-9:15 am | Hemorrhagic Shock following Pediatric Trauma: From Injury to Outcome. Where do we stand? | <i>Robert Russell, MD, MPH; Assoc. Professor of Surgery, UAB/Children's of AL</i> |
| 9:15-10:00 am | Blood Products and Novel Therapeutics that can Mitigate the Endotheliopathy of Trauma | <i>Shibani Pati, MD, PhD; Professor of Laboratory Medicine, UCSF</i> |
| 10:00-10:45 am | Immune Consequences of Hemostatic Resuscitation | <i>Jennifer Muszynski, MD; Asst. Professor of Pediatrics, The Ohio State Univ/Nationwide</i> |
| 10:45-11:00 am | BREAK | |
| 11:00-11:45 am | Platelet Dysfunction Following Trauma | <i>Matthew Neal, MD, Assoc. Professor of Surgery, Univ of Pittsburg Medical Center</i> |
| 11:45 am-12:30 pm | Fibrinolysis following Severe Trauma | <i>Jean Francois Pittet, MD; Professor of Anesthesiology, UAB</i> |
| 12:30-1:15 pm | Coagulopathy of Traumatic Brain Injury | <i>Jing Fei Dong MD, PhD, Professor of Medicine, Univ. Of Washington SOM</i> |
| 1:15-2:00 pm | LUNCH | |
| 2:00-2:45 pm | Use of Whole Blood in Pediatric Trauma | <i>Barbara Gaines, MD; Professor of Surgery, Univ. of Pittsburgh Medical Center</i> |
| 2:45-3:30 pm | Implementation Science Principles for Clinical Practice Change and Research | <i>Sara Malone, LCSW, Washington University in St. Louis</i> |
| 3:30-4:15 pm | Barriers and Facilitators to Hemorrhage Control by Resuscitation Teams | <i>Randall Burd, MD, PhD; Professor of Surgery and Pediatrics, George Washington Univ., Children's National Health System</i> |
| 4:15-5:00 pm | Blood Bank Considerations in a Pediatric Program: An Interactive Discussion | <i>Cassandra Josephson, MD; Professor of Pathology, Emory Univ.; Trisha Wong, MD, MS; Assoc Professor, Oregon Health & Science University; Kathleen Nicol, MD; Professor of Pathology, The Ohio State Univ/Nationwide</i> |

**DAY 2 - SATURDAY APRIL 23 CONSENSUS STATEMENT LECTURES AND DEVELOPMENT
(Open to All Attendees Until 4:00 pm)**

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| 7:00-7:30 am | CONTINENTAL BREAKFAST | |
| 7:30-8:15 am | Consensus Topic 1 Lecture: Blood Products and Fluids for Hemostatic Resuscitation | <i>Phillip C. Spinella, MD, FCCM; Professor of Surgery and Critical Care Medicine, University of Pittsburgh Medical Center</i> |
| 8:15- 9:00 am | Consensus Topic 2 Lecture: Use of Pre-Hospital Blood in Pediatric Trauma Resuscitation | <i>Christine Leeper, MD, MS; Assistant Professor of Surgery, Univ of Pittsburgh MC</i> |
| 9:00-9:45 am | Consensus Topic 3 Lecture: Use of Hemostatic Adjuncts (TXA, FGN, PCC, Ca+2) for Bleeding Trauma Patients | <i>Daniel Nishijima, MD, MAS; Professor of Pediatric Emergency Med, Univ. Of California Davis Matthew Borgman, MD; Assoc. Professor of Pediatrics, Uniformed Services Univ.</i> |
| 9:45-10:15 am | BREAK | |
| 10:15-11:00 am | Consensus Topic 4 Lecture: Tourniquet Use in Pediatric Trauma | <i>Mubeen Jaffri MD; Assoc. Professor of Surgery, Oregon Health & Science University</i> |
| 11:00-11:45 am | Consensus Topic 5 Lecture: Airway and Blood Pressure Management | <i>Paul Stricker MD; Assoc. Prof of Anesthesia, Children's Hospital of Philadelphia</i> |
| 11:45 am-12:30 pm | Consensus Topic 6 Lecture: Laboratory/TEG Value Based or Empiric Indications for Transfusion | <i>Adam Vogel, MD; Assoc Prof of Pediatric Surgery, Texas Children's Hospital</i> |
| 12:30-1:15 pm | LUNCH | |
| 1:15-2:00 pm | Common Data Collection in Peds Trauma for Research | <i>Julie Leonard, MD, MPH, Assoc. Professor of Pediatrics, Nationwide Children's Hospital, The Ohio State Univ College of Medicine</i> |
| 2:00-2:45 pm | Bayesian Analysis in Trauma Trials | <i>Jan Jansen MBBS, PhD; Assoc. Professor of Surgery, UAB</i> |
| 2:45-3:30 pm | The Guideline Development Process: Challenges in Pediatric Emergency Medicine and Intensive Care Setting | <i>Melania Bembea, MD, MPH, PhD; Assoc. Professor of Pediatrics, J. Hopkins Univ.</i> |

END OF GENERAL SESSION / CLOSED SESSION FOR CONSENSUS COMMITTEE BEGINS

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| 3:30-4:00 pm | BREAK | |
| 4:00-4:45 pm | Consensus Topic 1: Blood Products and Fluids for Hemostatic Resuscitation - Phillip C. Spinella, MD, FCCM | |
| 4:45-5:30 pm | Consensus Topic 2: Pre-hospital Blood Use in Pediatric Trauma –Christine Leeper, MD, MS | |
| 5:30-6:15 pm | Consensus Topic 3: Use of Hemostatic Adjuncts for Bleeding Trauma Patients - Daniel Nishijima, MD and Matthew Borgman, MD | |
| 6:15-7:00 pm | Working Dinner and Consensus Topic 4: Tourniquet Use in Pediatric Trauma - Mubeen Jaffri, MD | |

**DAY 3 – SUNDAY APRIL 24 - CONSENSUS/RESEARCH PRIORITIES STATEMENT DEVELOPMENT
CLOSED SESSION FOR CONSENSUS COMMITTEE ONLY**

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| 7:00-7:30 am | CONTINENTAL BREAKFAST | |
| 7:30-8:15 am | Consensus Topic 5: Airway and Blood Pressure Management - Paul Stricker, MD | |
| 8:15-9:00 am | Consensus Topic 6: Laboratory Value Based or Empiric Indications for Transfusion - Adam Vogel, MD | |
| 9:00-9:30 am | Discussion, Statement Revision, Revoting | |
| 9:30-9:45 am | BREAK | |
| 9:45-10:15 am | Consensus Committee Voting on Top 5 Research Priorities (via Audience Response System) | |
| 10:15-11:30 am | Research Priority Consensus Statement Generation, Topics: To Be Determined by Consensus Committee Vote | |
| 11:30 am-12:15 pm | Conference Wrap-Up: Dissemination of Conference Output, Future Directions of Network | <i>Robert Russell, MD, MPH Philip Spinella, MD, FCCM</i> |