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International Association for Trauma Surgery and Intensive Care



INTERNATIONAL SOCIETY  
OF SURGERY (ISS/SIC)



Korean Society of Acute Care Surgery



# 5<sup>th</sup> World Trauma Congress

## IN COLLABORATION WITH AAST

### Oral Presentations

#### PAPER SESSION I: SUNDAY, FEBRUARY 14TH FROM 2:30-3:42 PM CST, MODERATOR: DR. AJAI MALHOTRA

2:30-2:42 PM	ROTEM Guided Management of Hemorrhage in Children presenting to an Australian Major Trauma Centre	Dr. Shane George
2:42-2:54 PM	Delays in Emergency Department Intervention for Traumatic Brain Injury Patients in Uganda	Dr. Amber Mehmood
2:54-3:06 PM	Time is Domain: Factors Affecting Primary Fascial Closure After Trauma and Non-Trauma Damage Control Laparotomy (Data From The East-Side Time Multicenter Trial)	Dr. Kaushik Mukherjee
3:06-3:18 PM	Utilizing Machine Learning as a Novel Approach to Validate and Improve Massive Transfusion Protocols in Adult Trauma Patients	Dr. Shawn Tejiram
3:18-3:30 PM	Adding Insult to Injury: Could the Rising Incidence of Chronic Diseases Worsen the Burden of Injury in Low- and Middle-Income Countries?	Dr. Kevin Blair
3:30-3:42 PM	Launching a Lay First Responder Program in Sierra Leone to Validate a Novel Prehospital Emergency Trauma Care Assessment Tool (Petcat) For Low- and Middle-Income Countries	Dr. Peter Delaney

#### PAPER SESSION II: MONDAY, FEBRUARY 15TH FROM 3:15-4:27 PM CST, MODERATOR: DR. TODD COSTANTINI

3:15-3:27 PM	Comparing Trauma Outcomes to Identify High-Yield Care Pathways: A Risk-Adjusted Analysis of Injured Patients in India and the United States	Dr. Stas Amato
3:27-3:39 PM	Is the Shock Index Applicable in Severe Blunt Trauma Patients With Traumatic Brain Injury? –An Analysis of the Japan Trauma Data Bank	Dr. Kiyooki Takaba
3:39-3:51 PM	The Effect of Perturbations of the Glycocalyx on Microvascular Perfusion in the Obese Trauma Population: An In Vitro Study	Dr. Lawrence Diebel
3:51-4:03 PM	High-Performing Lay First Responder Characteristics In Sub-Saharan Africa: Informing Resource-Conscious Prehospital Training	Dr. Peter Delaney
4:03-4:15 PM	Early Pharmacological Thromboprophylaxis After Splenectomy For Isolated Splenic Injuries is Associated With Better Outcomes: A Matched Cohort Study	Dr. Delbrynth Mitchao
4:15-4:27 PM	Social Determinants of Risk for Intentional Injury in Cameroon	Dr. Kevin Blair

#### PAPER SESSION III: TUESDAY, FEBRUARY 16TH FROM 2:45-3:57 PM CST, MODERATOR: DR. ROBERT WINCHELL

2:45-2:57 PM	Enhanced Recovery After Surgery (ERAS) In Patients Undergoing Emergency Laparotomy Following Trauma: A Prospective, Randomized Controlled Trial. An Experience From A Level I Trauma Center	Dr. Vijayan Purushothaman
2:57-3:09 PM	Mobile Telephone Follow-Up Assessment of Post-Discharge Death and Disability Due to Trauma in Cameroon	Dr. Kevin Ding
3:09-3:21 PM	Hypercoagulability in Pregnant Trauma Patients: Beneficial Or Harmful?	Dr. Lisa Toelle
3:21-3:33 PM	Multi-Institutional Application of a Deep Learning Neural Network Algorithm to Detect Hip Fractures	Dr. Chien-Hung Liao
3:33-3:45 PM	Direct Discharge of Patients With Simple Stable Injuries in the Emergency Department	Dr. T.H. Geerdink
3:45-3:57 PM	Risk Factors For Failure of Primary Fascial Closure After Damage Control Laparotomy: A Retrospective Analysis In 199 Patients	Dr. Julian Chica-Yantén

#### PAPER SESSION IV: WEDNESDAY, FEBRUARY 17TH FROM 1:30-2:30 PM CST, MODERATOR: DR. KOJI MORISHITA

1:30-1:42 PM	Youth and Interpersonal Violence: A Recipe For PTSD	Dr. Emily Lenart
1:42-1:54 PM	Prehospital Shock Index Outperforms Hypotension Alone in Predicting Significant Injury in Trauma Patients	Dr. Tareq Kheirbek
1:54-2:06 PM	The Use of Intragastric Pressure as an Alternative of Intravesical Pressure to Measure Intra-Abdominal Pressure for the Assessment of Potential Abdominal Compartment Syndrome in the ICU	Dr. Julian Chica-Yantén
2:06-2:18 PM	Comparing Risk Adjusted Trauma Mortality In Low/Middle Country And A Level-I Trauma Center In US	Dr. Ajai Malhotra
2:18-2:30 PM	Outcomes Of Patients With Traumatic Brain Injury (TBI) And Aortic Occlusion (AO): Results From The American Association Of Surgery For Trauma (AAST) Aortic Occlusion For Resuscitation In Trauma And Acute Care Surgery (AORTA) Trial	Dr. Megan Brenner