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International Association for Trauma Surgery and Intensive Care



INTERNATIONAL SOCIETY
OF SURGERY (ISS/SIC)



Korean Society of Acute Care Surgery





EXECUTIVE DIRECTOR AND PRESIDENT: Raul Coimbra MD, PhD, FACS

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OFFICIAL SOCIETY SPONSOR:

American Association for the Surgery of Trauma

5th World Trauma Congress

IN COLLABORATION WITH AAST

FEBRUARY 14-18, 2021 (TIME IN CST)

Sunday, February 14, 2021

TIMES IN CST	SESSION TITLES	SPEAKERS
PANEL 1: OPENING SESSION (SOCIETIES: WCTC, AAST, TAC, ESTES, DGOU, COSECSA), MODERATED BY: DR. RAUL COIMBRA		
8:00-8:15 AM	Official Opening	Dr. Raul Coimbra
8:15-8:30 AM	Global Burden of Injury	Dr. Rochelle Dicker
8:30-8:45 AM	Academic Global Programs: Why, When, How to Achieve Results	Dr. Tarek Razeq
8:45-9:00 AM	Trauma Burden of Disease in Europe	Dr. Bertil Bouillon
9:00-9:15 AM	Trauma Burden of Disease in Africa	Dr. Jana MacLeod
PANEL 2: TRAUMA SYSTEM DEVELOPMENT (SOCIETIES: IATSI, ESTES, AAST, ACSCOT, CMDACT, TSSA), MODERATED BY: DR. ROCHELLE DICKER		
9:15-9:30 AM	The Unacceptable Lack of Trauma Systems Worldwide: When Will It End?	Dr. Tina Gaarder
9:30-9:45 AM	Strategies for Developing Trauma Systems in LMIC	Dr. Manjul Joshipura
9:45-10:00 AM	Trauma Systems Development: How Professional Organizations in HICs may help LMICs	Dr. Robert Winchell
10:00-10:15 AM	Trauma Systems Development in Africa	Dr. Tim Hardcastle
10:15-10:30 AM	Trauma Systems Development in China	Dr. Jiang Baoguo
PANEL 3: HOT TOPICS IN TRAUMA RESUSCITATION I (SOCIETIES: AAST, TAC, DGOU), MODERATED BY: DR. RUBEN PERALTA		
10:30-10:45 AM	Pre-Hospital Fluid Resuscitation: What and How?	Dr. Martin Schreiber
10:45-11:00 AM	Blood Products During Trauma Resuscitation: How, When, What?	Dr. Sandro Rizoli
11:00-11:15 AM	Trauma Induced Coagulopathy – How to Prevent and Treat It?	Dr. E.E. Moore
11:15-11:30 AM	European Approach to the Bleeding Trauma Patient	Dr. Marc Maegele
11:30-12:00 PM	Break	
PANEL 4: TRAUMA QUALITY IMPROVEMENT AND EDUCATION I (SOCIETIES: ISTAC, IATSI, EAST, SBAIT, ITC - INDIAN CHAPTER), MODERATED BY: DR. JONATHAN MEIZOSO		
12:00-12:15 PM	Challenges in Implementing Trauma Quality Improvements in India	Dr. Amit Gupta
12:15-12:30 PM	The Impact of DSTC in Trauma Care Worldwide	Dr. Kenneth Boffard
12:30-12:45 PM	Incorporating Trauma Practice Guidelines into the Trauma Center Performance Improvement Plan	Dr. Elliott Haut
12:45-1:00 PM	Trauma Education: The Brazilian Experience	Dr. Tercio de Campos
1:00-1:15 PM	Comprehensive Trauma Life Support in India: An Update	Dr. Narayan Ganapathy
PANEL 5: TRAUMA IN SPECIAL POPULATIONS/SITUATIONS (SOCIETIES: AAST, ATS), MODERATED BY: DR. PAUL ALBINI		
1:15-1:30 PM	Burn Resuscitation – What Has Changed in Recent Years?	Dr. Jeanne G. Lee
1:30-1:45 PM	Pediatric Trauma Resuscitation - The same as adults?	Dr. Mary Fallat
1:45-2:00 PM	Geriatric Trauma Resuscitation - Priorities and Guiding Principles	Dr. Anthony Joseph
2:00-2:15 PM	The Pregnant Trauma Patient – Pitfalls in Initial Assessment and Resuscitation	Dr. Karen Brasel
2:15-2:30 PM	Break	
2:30-3:42 PM	Paper Session I	
MASTER LECTURE I (WCTC INVITATION)		
3:42-3:45 PM	Introduction	Dr. Raul Coimbra
3:45-4:15 PM	WHO: Updates on the Global Alliance for the Care of the Injured	Dr. Pryanka Relan

Monday, February 15, 2021

TIMES IN CST	SESSION TITLES	SPEAKERS
PANEL 6: HOT TOPICS IN TRAUMA RESUSCITATION II (SOCIETIES: JAST, ESTES, AAST) MODERATED BY: DR. RAUL COIMBRA		
8:00-8:15 AM	Traumatic Arrest Upon Arrival in the Trauma Center: Closed vs. Open CPR	Dr. Mitsuaki Kojima
8:15-8:30 AM	Surgical Resuscitation of the Exsanguinating Patient	Dr. Hans-Chris Pape
8:30-8:45 AM	Role of REBOA in Traumatic Arrest	Dr. Megan Brenner
8:45-9:00 AM	Traumatic Coagulopathy: The Japanese Perspective	Dr. Yasuhiro Otomo
PANEL 7: ORTHOPAEDIC TRAUMA I - PELVIC FRACTURE (SOCIETIES: ESTES, DGOU, OTA, ATS), MODERATED BY: DR. ZSOLT BALOGH		
9:00-9:15 AM	Widespread Use of Pelvic Binder: Has It Made a Difference?	Dr. Philip Stormann
9:15-9:30 AM	Time to Hemorrhage Control: Are We Getting Quicker?	Dr. Meir Marmor
9:30-9:45 AM	Hemostatic Resuscitation: Did It Impact Management and Outcomes?	Dr. Ingo Marzi
9:45-10:00 AM	Time to Definitive Internal Fixation: Is it Safe and Beneficial To Do It Earlier?	Dr. Zsolt Balogh
10:00-10:15 AM	Open Pelvic Ring Injuries: Is Mortality Still Above 50%?	Dr. Luke Leenen
PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II (SOCIETIES: ACSCOT, AAST, PTS, ESTES, JSACS, ATS, CMDACT), MODERATED BY: DR. MARISSA BOECK		
10:15-10:30 AM	How to Apply HICs Standards in LMICs?	Dr. Eileen Bulger
10:30-10:45 AM	Trauma Systems and Trauma Centers in South America: Current Status and Future Steps	Dr. Maria Fernanda Jimenez
10:45-11:00 AM	Trauma Systems and Trauma Centers in Thailand: Current Status and Future Steps	Dr. Narain Chotirosniramit
11:00-11:15 AM	Trauma Systems and Trauma Centers in Western Europe: Current Status and Future Steps	Dr. Inger Schipper
11:15-11:30 AM	Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps	Dr. Yasuhiro Otomo
11:30-11:45 AM	Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps	Dr. Peter Cameron
11:45-12:00 PM	Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps	Dr. Ian Civil
12:00-12:15 PM	A Solution for a Regional Trauma System Development in Shenzhen, China: 8-Year Practices	Dr. Guixi Zhang
12:15-12:45 PM	Break	
PANEL 9: SOCIETY OF TRAUMA NURSES: PANEL I, MODERATED BY: LEANNE YOUNG		
12:45-1:00 PM	A Challenging Pediatric Trauma Case and The Care Across the Continuum	Maria McMahon
1:00-1:15 PM	Florence Nightingale: An Influence on Trauma Nursing Around the World	Cindy Blank
1:15-1:30 PM	Patients To Right Place, Right Time. How To Improve Transfers of Care – Experiences From Norway	Knut Magne Kolstadbraten
1:30-1:45 PM	Africa Wild - Review of animal injury patterns	Rene Grobler
PANEL 10: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: IATSI, AAST, ISTAC, ACSCOT), MODERATED BY: DR. NINA GLASS		
1:45-2:00 PM	Achieving Trauma Training Across Personnel Groups and Despite Geographical and Resources Differences	Dr. Susan Brundage
2:00-2:15 PM	Trauma Surgery Training in LMICs: From Surgical Colonialism to the Best of Global Surgery	Dr. Elmin Steyn
2:15-2:30 PM	Running a Trauma Program in Singapore: Funding Models, Language Barriers, and Other Obstacles	Dr. Chiu Ming Terk
2:30-2:45 PM	Capacity Building in Trauma Care: A Decade of Action in India	Dr. Subodh Kumar
2:45-3:00 PM	Global ATLS and Other Education Programs of the ACSCOT	Dr. Sharon Henry
3:00-3:15 PM	Break	
3:15-4:27 PM	Paper Session II, Moderator: Dr. Todd Costantini	
MASTER LECTURE II (WCTC INVITATION)		
4:27 - 3:35 PM	Introduction	Dr. Raul Coimbra
4:35-5:05 PM	Surgical Management of Liver Trauma	Dr. Andrew Peitzman

Tuesday, February 16, 2021

TIMES IN CST	SESSION TITLES	SPEAKERS
PANEL 11: TRAUMA QUALITY IMPROVEMENT AND EDUCATION III (SOCIETIES: ESTES, IATSI, AAST, ALTEC), MODERATED BY: DR. LISA KNOWLTON		
8:00-8:15 AM	Achieving and Maintaining Trauma Competency Worldwide	Dr. Tina Gaarder
8:15-8:30 AM	Basic Trauma Training in Ghana: Challenges and Success Factors	Dr. Allison Berndtson
8:30-8:45 AM	Current Obstacles to Education and Training in Trauma Surgery	Dr. Carlos Mesquita

8:45-9:00 AM	Ultrasound Education for Widespread Global Use in Trauma: Applications and Potential Impact	Dr. Jay Doucet
9:00-9:15 AM	Trauma Simulators in the Future: Possibilities and Limitations	Dr. Mark Bowyer
PANEL 12: ORTHOPAEDIC TRAUMA II - FEMORAL SHAFT FRACTURES (SOCIETIES: ESTES, DGOU, AAST, WCTC, OTA) , MODERATED BY: DR. SHAHIN MOSENI		
9:15-9:30 AM	Fat Embolism Syndrome: Are We Able to Define and Diagnose It Better?	Dr. Luke Leenen
9:30-9:45 AM	Inflammatory Response: Is It From the Fracture or From the Surgery?	Dr. Hans-Chris Pape
9:45-10:00 AM	Damage Control Surgery: How Much Is It Used for Femur Fractures?	Dr. Florian Gebhard
10:00-10:15 AM	High Energy Midshaft Femur Fracture: Are the Outcomes Acceptable?	Dr. Sandy Schwartz
10:15-10:30 AM	Break	
PANEL 13: DATA COLLECTION AND RESEARCH IN TRAUMA (SOCIETIES: ACSCOT, ESTES, DGOU, AAST, ATS), MODERATED BY: DR. VANESSA HO		
10:30-10:45 AM	Trauma Outcomes: Which Outcomes to Measure; Which Data to Collect?	Dr. Avery Nathens
10:45-11:00 AM	Translational Research Biobank in Trauma	Dr. Ingo Marzi
11:00-11:15 AM	Publications and Change in Trauma Practice	Dr. Timothy Fabian
11:15-11:30 AM	How Can a Trauma App Help Improve Trauma Care	Dr. David Spain
11:30-11:45 AM	International Trauma Registries – Where Are We?	Dr. Gerard O'Reilly
11:45-12:15 PM	Break	
PANEL 14: TRAUMA RADIOLOGY/LAPAROSCOPY (SOCIETIES: EAST, TATES, AAST, IATSI, ESTES, AGN), MODERATED BY: DR. ANASTASIA KUNAC		
12:15-12:30 PM	C-Spine Clearance: Clinical vs. CT vs. MRI	Dr. John Como
12:30-12:45 PM	Is the Chest X-Ray Obsolete During Trauma Resuscitation? Chest CT for All?	Dr. Orhan Alimoglu
12:45-1:00 PM	Angioembolization of Solid Organ Injury – Indications and Pitfalls	Dr. Joseph DuBose
1:00-1:15 PM	Laparoscopy in Blunt Abdominal Trauma: Any Role?	Dr. Selman Uranus
1:15-1:30 PM	Pitfalls in Trauma Radiology	Dr. Alan Guo
PANEL 15: SOCIETY OF TRAUMA NURSES - PANEL II, MODERATOR: JOLENE KITTLE, RN		
1:30-1:45 PM	Trauma System Development in Latin America: a Brazilian Model	Cristiane de Alencar Domingues
1:45-2:00 PM	Trauma Informed Care, the Ethical Challenges Facing Trauma Nurses	Helen Jowett
2:00-2:15 PM	A Worldwide Approach to Improving Trauma Care	Sarah Mattocks
2:15-2:30 PM	Building Resiliency in Trauma Nursing	Amy Kritchen
2:30-2:45 PM	Break	
2:45-3:57 PM	Paper Session III, Moderator: Dr. Robert Winchell	
MASTER SURGEON LECTURE III (WCTC INVITATION)		
3:57 - 4:00 PM	Introduction	Dr. Raul Coimbra
4:00 -4:30 PM	Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries	Dr. Demetrios Demetriades
<i>Wednesday, February 17, 2021</i>		
TIMES IN CST	SESSION TITLES	SPEAKERS
PANEL 16: WHAT YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED BY: DR. TANYA ANAND		
8:00-8:15 AM	TBI Management for the Trauma Surgeon	Dr. Deborah Stein
8:15-8:30 AM	Blunt CerebroVascular Injury	Dr. Clay Cothren-Burlew
8:30-8:45 AM	Pancreatic Trauma	Dr. Ari Leppaniemi
8:45-9:00 AM	Liver and Spleen Trauma	Dr. Federico Coccolini
9:00-9:15 AM	Renal Trauma	Dr. Fausto Catena
PANEL 17: WHAT YOU NEED TO KNOW - PENETRATING TRAUMA (SOCIETIES: AAST, ATS, SBAIT), MODERATED BY: DR. ASHLEY MEAGHER		
9:15-9:30 AM	Transcranial GSW	Dr. Ajai Malhotra
9:30-9:45 AM	Penetrating Neck Trauma	Dr. Li Hsee
9:45-10:00 AM	Transmediastinal Penetrating Injury	Dr. David Livingston
10:00-10:15 AM	Penetrating Abdominal Trauma - Algorithms for Anterior, Posterior, Flank, and Thoracoabdominal	Dr. Jose Gustavo Parreira
10:15-10:30 AM	Tips for the Management of Penetrating Cardiac Injuries	Dr. Marc DeMoya

PANEL 18: MISCELLANEOUS TRAUMA TOPICS (SOCIETIES: ESTES, AAST, PTS, EAST, JAST, KSACS), MODERATED BY: DR. MORGAN SCHELLENBERG		
10:30-10:45 AM	Colonic Injury – Repair Options	Dr. Jonathan Tilsed
10:45-11:00 AM	Small Bowel Resection – Hand-Sewn or Stapled reconstruction?	Dr. Mayur Narayan
11:00-11:15 AM	Retained Hemothorax – Management Options	Dr. Michel Aboutanos
11:15-11:30 AM	DVT Prophylaxis in Trauma	Dr. A. Britton Christmas
11:30-11:45 AM	Nutritional Support in Trauma: What is New?	Dr. Ji-Yeong Jang
11:45-12:15 PM	Break	
PANEL 19: VASCULAR TRAUMA (SOCIETIES: AAST, JAST), MODERATED BY: DR. DIANA FILIBERTO		
12:15-12:30 PM	Penetrating Extremity Vascular Trauma: General Principles of Diagnosis and Management	Dr. Leslie Kobayashi
12:30-12:45 PM	Endovascular vs. Open Approach for Peripheral Vascular Injuries	Dr. Laura Moore
12:45-1:00 PM	Extremity Compartment Syndrome – Diagnosis and Management	Dr. Takashi Fuita
1:00-1:15 PM	Vascular Damage Control	Dr. David Feliciano
1:15-1:30 PM	Break	
1:30-2:30 PM	Paper Session IV, Moderator: Dr. Koji Morishita	
MASTER LECTURE IV (WCTC INVITATION)		
2:30-2:35 PM	Introduction	Dr. Raul Coimbra
2:35-3:05PM	Master Lecture IV: Precision Medicine for the Injured Patient	Dr. Ronald V. Maier.
<i>Thursday, February 18, 2021</i>		
TIMES IN CST	SESSION TITLES	SPEAKERS
PANEL 20: COMPLEX EXTREMITY TRAUMA: WHAT IS NEW? (SOCIETIES: AAST, ESTES, DGOU), MODERATED BY: DR. NICOLE GOULET		
8:00-8:15 AM	Management of Peripheral Vascular Injury and Associated Fractures	Dr. Joseph Galante
8:15-8:30 AM	Mangled Extremity: Amputation vs Salvage	Dr. Bertil Bouillon
8:30-8:45 AM	Open Fractures: Initial Management and Antibiotics	Dr. Frank Hildebrand
8:45-9:00 AM	Open Tibia and Pilon Fractures	Dr. Ingo Marzi
9:00-9:15 AM	Break	
PANEL 21: REBOA AROUND THE WORLD (SOCIETIES: PTS, WSES, ATS, TAC), MODERATED BY: DR. MEGAN BRENNER		
9:15-9:30 AM	Role of REBOA in Penetrating Chest Injury. What is the evidence?	Dr. Carlos Ordonez
9:30-9:45 AM	Indications of REBOA in Blunt Abdominal Trauma (including pelvic fractures)	Dr. Tom Scalea
9:45-10:00 AM	Indications of REBOA in Penetrating Abdominal Trauma	Dr. Viktor Reva
10:00-10:15 AM	REBOA: Complications, Training, Technology	Dr. Adam Power
10:15-10:30 AM	Break	
PANEL 22: DAMAGE CONTROL SURGERY/RESUSCITATION (SOCIETIES: EAST, AAST, IATCC, ALTEC), MODERATED BY: DR. ANNE STEY		
10:30-10:45 AM	Damage Control Resuscitation	Dr. Juan Duchesne
10:45-11:00 AM	Thoracic Damage Control	Dr. Dennis Kim
11:00-11:15 AM	Intra-Abdominal Hypertension & Open Abdomen Management in Austere Settings	Dr. Rajashekar Mohan
11:15-11:30 AM	Timing of Bowel Anastomosis in Setting of Damage Control Surgery	Dr. Kimberly A. Davis
11:30-11:45 AM	New Tactics and Techniques to Close the Abdomen After Damage Control Surgery in Trauma	Dr. Luis Ferreira
PANEL 23: INJURY PREVENTION (SOCIETIES: ACSCOT, AAST, IATSC, SBAIT, JSACS, WCTC), MODERATED BY: DR. ANTONIO MARTOS		
11:45-12:00 PM	Mass Casualties and Gun Violence in the USA: Is There a Solution ?	Dr. Ronald Stewart
12:00-12:15 PM	Lessons Learned from the Development of the Joint Trauma System of the US Military	Dr. Brian Eastridge
12:15-12:30 PM	Mass Casualty Prevention Measures in Europe	Dr. Paal Naaes
12:30-12:45 PM	The Role of Students in Trauma Prevention: The Brazilian Experience	Dr. Gustavo Fraga
12:45-1:00 PM	The 6th World Trauma Congress: 2022 Tokyo, Japan	Dr. Yasuhiro Otomo
1:00-1:15 PM	The Future of the World Coalition for Trauma Care and the World Trauma Congress	Dr. Raul Coimbra