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Korean Society of Acute Care Surgery

















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

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American Association for the Surgery of Trauma



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 Razek		
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: IATSIC, 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, IATSIC, 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. Narajan 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 in 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		

SPEAKERS  PANEL CHOIT OPICS INTRAUMA RESUSCITATION IL SOCIETIES. JAST, ESTES, AAST) MODERATED BY, DR. RAUL COMBRA  8.00-8.15 AM. Tournatic Arrest Upon Arrival in the Tournation Control State of	Monday, February 15, 2021				
8:00-8:15 AM Surgical Resuscitation of the Exanguinating Patient Devices Role of REBOA in Tournatic Congulary The Lapanese Perspective Devices Role of REBOA in Tournatic Congulary The Lapanese Perspective Devices Role of REBOA in Tournatic Congulary The Lapanese Perspective Devices Role of REBOA in Tournatic Congulary The Lapanese Perspective Devices Role of REBOA in Tournatic Congulary The Lapanese Perspective Devices Role of REBOA in Tournatic Congulary The Lapanese Perspective Devices Role of Paties Role of Politic Biader: Hos It Media and Differences Devices Role of Politic Biader: Hos It Media and Differences Devices Role of Politic Biader: Hos It Media and Differences Devices Role of Politic Biader: Hos It Media and Differences Devices Role of Politic Biader: Hos It Media and Differences Devices Role of Politic Biader: Hos It Media and Differences Devices Role of Politic Biaders Role of Role of Politic Biaders Role of Role of Role of Role of Politic Biaders Role of Role	TIMES IN CST	SESSION TITLES	SPEAKERS		
8.15.8.30 AM Surgical Resuscitation of the Exongwinding Patient Dr. Harns-Chris Pape (8.308-845 AM) Role of REBOA in Tournatic American Dr. Magan Brenner Dr. Yasuhiro Otomo Dr. Yasuhiro D	PANEL 6: HOT 1	Topics in trauma resuscitation II (societies: Jast, estes, aast) moderated b	Y: DR. RAUL COIMBRA		
8.35-9.00 AM Traumatic Coagulapethy: the Japanese Perspective PANELY: CRITHOPAEDIC TRAUMAN + PERVICE FRACTURE (SOCIETIES: ESTES, DGOU, OTA, ATS), MODERATED BY DR. P. ZSOTE RALOCH 9.00-9.15 AM Widesproad Use of Pelvic Binder: Has II Mada a Difference® Dr. Philip Stormann P.15-9.30 AM Hemostatic Resultation: Did It propagation and the propagation of the p	8:00-8:15 AM	Traumatic Arrest Upon Arrival in the Trauma Center: Closed vs. Open CPR	Dr. Mitsuaki Kojima		
8.45-9.00 AM Troumatic Coagulopathy: The Japanese Perspective Dr. Yasukira Oromo PANEL 7. ORTHOPAEDIC TRAUMA I - PEUNC FRACTURE (SOCIETIES: ESTES, DGOU, OTA, ATS), MODERATED BY. DR. 250LT BALDOH 9.15-9.30 AM Tine to Hemorrhage Control. Are We Getting Guicles? Dr. Rhilp Stormann 9.15-9.30 AM Tine to Hemorrhage Control. Are We Getting Guicles? Dr. Rhilp Stormann 9.30-9.45 AM Hemostic Resuscicion. Did I Impact Monagement and Outcomes? Dr. Inge Marzi 9.34-1.000 AM Tine to Definitive Internal Fixence is it Safe and Beneficial To De It Earlier? Dr. Inge Marzi 9.34-1.000 AM Tine to Definitive Internal Fixence is it Safe and Beneficial To De It Earlier? Dr. Luke Leenen PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II (SOCIETIES: ACSCOT, AASI, PTS, ESTES, JSACS, ATS, CMDACT), MODERATED BY. DR. MARISSA BOECK 10:15-10:30 AM How to Apply HICs Standards in LMICs? Dr. MARISSA BOECK 10:16-10:30 AM Trauma Systems and Trauma Centers in South America: Current Status and Future Steps Dr. Marcia Challage Dr. Marcia Chall	8:15-8:30 AM	Surgical Resuscitation of the Exsanguinating Patient	Dr. Hans-Chris Pape		
PANEL 7: ORTHOPAEDIC TRAUMA I - PEIVIC FRACTURE (SOCIETIES: ESTES, DGOU, OTA, ATS), MODERATED BY: Dr. ZSOLT BALOGH 9:00-9:15 AM Widespread Use of Peivic Binder: Has II Mode a Difference?  0r. Heiling Starmann 9:30-9:45 AM Homostaic Resuscination: Did II Impact Management and Outcomes?  0r. Heiling Marrar 9:30-9:45 AM Homostaic Resuscination: List Brod and Beneficial To Do II Earlier?  0r. Table Balogh 10:00-10:15 AM Open Peivic Ring Injuries: Is Mortality Still Above 50%?  PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II II SOCIETIES: ACSCOT, AAST, PTS, ESTES, JSACS, AIS, CAMACT, MODERATED BY: DR. MARISSA BOECK  10:15-10:30 AM How to Apply HICS Standards in LMICs?  10:15-10:30 AM Trauma Systems and Trauma Centers in South America: Current Status and Future Steps  10:45-11:00 AM Trauma Systems and Trauma Centers in Molland: Current Status and Future Steps  10:45-11:54 AM Trauma Systems and Trauma Centers in Halands. Current Status and Future Steps  10:45-11:54 AM Trauma Systems and Trauma Centers in Western Europe: Current Status and Future Steps  10:45-11:54 AM Trauma Systems and Trauma Centers in Japans: Current Status and Future Steps  10:45-11:54 AM Trauma Systems and Trauma Centers in Japans: Current Status and Future Steps  10:45-11:54 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps  10:75-11:45 AM Trauma S	8:30-8:45 AM	Role of REBOA in Traumatic Arrest	Dr. Megan Brenner		
9.00-9:15 AM Widespread Use of Pelvic Binder: Hos It Made a Difference? Dr. Phillip Stormann 9:15-9:30 AM Tine to Hemorrhage Control: Are We Getting Oxiden? Dr. Meir Mormor 9:05-9:30 AM Hemostatic Resuscitation: Die It Impact Management and Outcomes? Dr. Inga Marzi 9:45-10:00 AM Time to Definitive Internal Fixation: Is it Safe and Beneficial To Do It Eurlier? Dr. Zaoli Balogh 10:00-10:15 AM Open Pelvic Ring Injuriers: Is Mortality Still Above 50%? Dr. Luke Leenen PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II (SOCIETIES: ACSCOT, AAST, PIS, ESTES, JSACS, ATS, CMDACT), MODERATED BY: DR. MARISSA BOECK Dr. Luke Leenen PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II (SOCIETIES: ACSCOT, AAST, PIS, ESTES, JSACS, ATS, CMDACT), MODERATED BY: DR. MARISSA BOECK Dr. Maris SA BOECK Dr. Maris Towns Systems and Trauma Centers in Thailand: Current Status and Future Steps Dr. Maris Challenger 10:30-10:45 AM Trauma Systems and Trauma Centers in Thailand: Current Status and Future Steps Dr. Maris Challenger 11:10-11:30 AM Trauma Systems and Trauma Centers in Western Europe: Current Status and Future Steps Dr. Maris Challenger 11:10-11:30 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Maris Challenger 11:10-11:30 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Maris Challenger 11:10-11:30 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. In Civil 11:20-11:21-51 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Ion Civil 11:20-11:21-51 AM A Solution for a Regional Trauma System Development in Shenzhen, China: 8-Year Practices Dr. Guist Zhang Break PANEL 9: SOCIETY OF TRAUMA NURSES: PANEL 11, MODERATED BY: LEANNE YOUNG Dr. Guist Zhang Break PANEL 10: TRAUMA GUIST From Surger Training Around The Cara Across the Continuum Maria McMahan Circles Status Australia: Australia Au	8:45-9:00 AM	Traumatic Coagulopathy: The Japanese Perspective	Dr. Yasuhiro Otomo		
9-15-9-30 AM Hims to Hamorrhage Control: Are We Getting Quicker? Dr. Meir Marmor P. 93.09-945 AM Hemostatic Resuscitation: Did It Impact Management and Outcomes? Dr. Inga Marzi 94.51-00.00 AM Time to Definitive Internal Riskution: Is Sofe and Beneficul To Do It Earlier? Dr. Zand Balagh 10-00-10-15 AM Open Palvic Ring Injuries: Is Mortality Still Above 50%? Dr. Luke Leenen PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II ISOCIETIES: ACSCOT, AAST, PIS, ESTES, JSACS, ATS, CMDACT), MODERATED BY, DR. MARISSA BOECK 10:15-10:30 AM How to Apply HICs Standards in LMICs? Dr. MARISSA BOECK 10:10-10-45 AM Trauma Systems and Trauma Centers in Subut America: Current Status and Future Steps Dr. Naria Chetrosniramil 11:00-11:15 AM Trauma Systems and Trauma Centers in Western Europe: Current Status and Future Steps Dr. Naria Chetrosniramil 11:00-11:15 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps Dr. Naria Chetrosniramil 11:30-11:45 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Inger Schipper Dr. Rasin Chetrosniramil 11:30-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps Dr. Rasin Chetrosniramil 11:30-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps Dr. Rasin Chetrosniramil 11:30-11:45 AM A Solution for a Regional Trauma Centers in New Zealand: Current Status and Future Steps Dr. Rain Civil 12:00-12:15 PM A Solution for a Regional Trauma System Development in Shenzhen, China: 8-Year Practices Dr. Guivi Zhang PANEL 9: SOCIETY OF TRAUMA NURSES: PANEL 1, MODERATED BY, LEANNE YOUNG 12:45-100 PM A Challenging Pediatric Trauma Case and The Care Across the Continuum Maria McMathon Cindy Blank Patients To Right Place, Right Time. How To Improve Transfers of Care — Experiences From Norway Panel Patients To Right Place, Right Time. How To Improve Transfers of Care — Experiences From Norway Panel Patients To Right Place, Right Time. How To Improve Transfers of Care — Experiences From Norway Pa	PANEL 7: ORTHOP	AEDIC TRAUMA I - PELVIC FRACTURE (SOCIETIES: ESTES, DGOU, OTA, ATS), MODERATE	D BY: DR. ZSOLT BALOGH		
9-30-9-45 AM Hemostotic Resuscitation: Did It Impact Management and Outcomes?  9-45-10-00 AM Time to Definitive Internal Fixation: Is it Safe and Beneficial To Do It Earlier?  10-20-10-115 AM Open Pelvic Ring Injuries: Is Montally Still Above 50%?  PANEL B. TRAUMA SYSTEMS DEVELOPMENT II I ISOCIETIES: ACSCOT, AAST, PTS, ESTES, JSACS, ATS, CMDACTI), MODERATED BY: DR. MARISSA BOECK  10-15-10-30 AM How to Apply HICs Standards in LMICs?  10-15-10-30 AM Trouma Systems and Trouma Centers in South America: Current Status and Future Steps Dr. Maria Fermando Jimenez 10-45-11-30 AM Trouma Systems and Trouma Centers in Thailand: Current Status and Future Steps Dr. Narrain Chalicosnitamit 11:00-11-15 AM Trouma Systems and Trouma Centers in Impact Status and Future Steps Dr. Inger Schipper 11:05-11-13 AM Trouma Systems and Trouma Centers in Ingenic Current Status and Future Steps Dr. Inger Schipper 11:45-11-130 AM Trouma Systems and Trouma Centers in Australia: Current Status and Future Steps Dr. Inger Schipper 11:45-11-200 PM Trouma Systems and Trouma Centers in Australia: Current Status and Future Steps Dr. Peter Comeron 11:45-11-200 PM Trouma Systems and Trouma Centers in Australia: Current Status and Future Steps Dr. Peter Comeron 11:45-11-200 PM Trouma Systems and Trouma Centers in New Zealand: Current Status and Future Steps Dr. Peter Comeron 11:45-11-200 PM Trouma Systems and Trouma System Development in Shenzhen, China: 8-Year Practices Dr. Guixi Zhang 12:15-12-15 PM Steps Process Process Process Process Process Process Process Dr. Guixi Zhang 12:15-12-30 PM Process Pro	9:00-9:15 AM	Widespread Use of Pelvic Binder: Has It Made a Difference?	Dr. Philip Stormann		
9.45-10.00 AM Time to Definitive Internal Fixaction: Is it Safe and Beneficial To Do It Earlier? Dr. Zsoft Balagh 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, ISACS, ATS, CMDACT), MODERATED BY: DR. MARISSA BOECK Dr. Luke Leenen PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II (SOCIETIES: ACSCOT, AAST, PTS, ESTES, ISACS, ATS, CMDACT), MODERATED BY: DR. MARISSA BOECK Dr. Luke Leenen Lucy Advanced Lucy Systems and Trauma Centers in South America: Current Status and Future Steps Dr. Maria Femal Jimenez Dr. Lucy Advanced Lucy Systems and Trauma Centers in Holiandr. Current Status and Future Steps Dr. Maria Femal Jimenez Dr. Lucy Systems and Trauma Centers in Holiandr. Current Status and Future Steps Dr. Naroin Cholicosniromit 11.00-11:15 AM Trauma Systems and Trauma Centers in Appare. Current Status and Future Steps Dr. Pater Common 11:45-12:200 PM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Pater Cameron 11:45-12:45 PM A Solution for a Regional Trauma Center in Nava Zoaland: Current Status and Future Steps Dr. In Civil 12:00-12:15 PM A Solution for a Regional Trauma System Development in Shenzhen, China: 8-Year Practices Dr. Guixi Zhang 12:45-12:45 PM Break  PANEL 9: SOCIETY OF TRAUMA NURSES: PANEL I, MODERATED BY: LEANNE YOUNG 12:45-10:00 PM A Challenging Pediatric Trauma Case and The Care Across the Continuum Maria McMahon Cindy Blank 1:15-1:30 PM A Africa Wild - Review of animal injury paterns A Africa Wild - Review of animal injury paterns A Africa Wild - Review of animal injury paterns A Africa Wild - Review of animal injury paterns A Africa Wild - Review of animal injury paterns A Africa Wild - Review of animal injury paterns A Africa Wild - Review of animal injury paterns A Achieving Trauma Program in Singapore: Funding Models, Language Barriers, and Other Obstacles Dr. Chiu Ming Tork 2:00-2:15 PM Running a Trauma Program in Singapore: Funding Models, Language	9:15-9:30 AM	Time to Hemorrhage Control: Are We Getting Quicker?	Dr. Meir Marmor		
10:00-10:15 AM Open Pelvic Ring Injuries: Is Montality Still Above 50%?  PANEL 8: TRAUMA SYSTEMS DEVELOPMENT II (SOCIETIES: ACSCOT, AAST, PTS, ESTES, JSACS, ATS, CMDACT), MODERATED BY: DR. MARTISSA BOECK  10:15-10:30 AM How to Apply HICs Standards in LMICs?  10:30-10:45 AM Trauma Systems and Trauma Centers in South America: Current Status and Future Steps. Dr. Martia Femanda Jimenez 10:45-11:00 AM Trauma Systems and Trauma Centers in Routh America: Current Status and Future Steps. Dr. Martia Femanda Jimenez 10:45-11:00 AM Trauma Systems and Trauma Centers in Mailand: Current Status and Future Steps. Dr. Narain Cholinosiniramii 11:00-11:15 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps. Dr. Inger Schipper 11:30-11:45 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps. Dr. Pater Cameron 11:30-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps. Dr. Pater Cameron 11:45-12:00 PM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps. Dr. Pater Cameron 11:45-12:45 PM Break  12:00-12:15 PM A Solution for a Regional Trauma Centers in New Zealand: Current Status and Future Steps. Dr. Fan Civil 12:00-12:15 PM A Solution for a Regional Trauma Centers in New Zealand: Current Status and Future Steps. Dr. Fan Civil 12:00-12:15 PM Break  12:45-10:00 PM A Challenging Reliatric Trauma Case and The Care Across the Continuum Maria McMahon Care Analysis of A Challenging Reliatric Trauma Case and The Care Across the Continuum Maria McMahon Cindy Blank  1:00-1:15 PM Florence Nightingale: An Influence on Trauma Nursing Around the World Cindy Blank  1:15-13:00 PM Price Reliance of Stight Place, Right Time. How To Improve Transfers of Care – Experiences From Norway Rene Grabler PANEL 10: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: IATSIC, AAST, ISTAC, ACSCOT), MODERATED BY: DR. MINA GLASS  1:45-2:00 PM Active rigit of A Status of Panela Resources Differences Differences Dr. Chiu Ming Terk Collaborat	9:30-9:45 AM	Hemostatic Resuscitation: Did It Impact Management and Outcomes?	Dr. Ingo Marzi		
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 HIGS Standards in LMIG?  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 Western Europe: Current Status and Future Steps Dr. Narain Chotirosniramit 11:00-11:15 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps Dr. Narain Chotirosniramit 11:30-11:30 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps Dr. Reter Schipper Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps Dr. Peter Cameron 11:45-12:00 PM Trauma Systems and Trauma Centers in New Zeoland: Current Status and Future Steps Dr. Reter Cameron 11:45-12:00 PM Solution for a Regional Trauma System Development in Shenzhen, China: 8-Year Practices Dr. Guixi Zhang PRANEL 9: SOCIETY OF TRAUMA NURSES: PANEL I, MODERATED BY: LEANNE YOUNG 12:45-11:00 PM A Challenging Pediatric Trauma Case and The Care Across the Continuum Maria McMohon 1:00-1:15 PM Patients To Right Place, Right Time, How To Improve Transfers of Care - Experiences From Norway Africa Wild - Review of animal injury patients  PANEL 10: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: IATSIC, AAST, ISTAC, AGSCOT), MODERATED BY: Dr. NINA GLASS  1:45-2:00 PM Achieving Trauma Trauma Trauma Care: A Decade of Action In India Dr. Subodh Kumar  Trauma Surgery Training in LMICs: From Surgical Colonialism to the Best of Global Surgery Dr. Elinin Steyn Dr. Elinin Steyn Dr. Sharon Henry Dr. Andrew Peitzman  Traussiany, February 16, 2021  TIMES IN CST Session II, Moderator: Dr. Todd Costantini MASTER LECTURE II (WCTC INVITATION)  Hoperated By: Dr. Link MCCC INVITATION)  Dr. Raul Coimbra Dr. Andrew Peitzman  Traussian Achieving and Maintaining Trauma Centers on	9:45-10:00 AM	Time to Definitive Internal Fixation: Is it Safe and Beneficial To Do It Earlier?	Dr. Zsolt Balogh		
MODERATED BY: DR. MARISSA BOECK  10:15-10:30 AM How to Apply HICs Standards in LMICs?  10:45-11:00 AM Trauma Systems and Trauma Centers in South American Current Status and Future Steps Dr. Maria Fernanda Jimenez  10:45-11:00 AM Trauma Systems and Trauma Centers in Western Europe: Current Status and Future Steps Dr. Norain 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. Face Schipper  11:15-11:30 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Ina Civil  11:30-11:45 AM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps Dr. Ian Civil  12:20-12:15 PM A Solution for a Regional Trauma System Development in Shenzhen, China: 8-Year Practices  PANEL 9: SOCIETY OF TRAUMA NURSES: PANEL I, MODERATED BY: LEANNE YOUNG  12:45-10.00 PM A Challenging Pediatric Trauma Case and The Care Across the Continuum Maria McMahon  1:00-1:15 PM Patients To Right Place, Right Time, How To Improve Transfers of Care - Experiences From Norway A Africa Wild - Review of animal injury patterns  PANEL 10: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: IATSIC, AAST, ISTAC, ACSCOT), MODERATED BY: DR. NINA GLASS  1:45-2:00 PM Achieving Towner Training Across Personnel Groups and Despite Geographical and Resources Differences  PANEL 10: TRAUMA GUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: IATSIC, AAST, ISTAC, ACSCOT), MODERATED BY: DR. NINA GLASS  1:45-2:00 PM Achieving Towner Training in LMICs: From Surgical Colonialism to the Best of Global Surgery Dr. Elimin Steyn  1:45-2:30 PM Trauma Surgery Training in Singapore: Funding Models, Language Barriers, and Other Obstacles  1:45-2:30 PM Service American Steps Personnel Groups and Despite Geographical and Resources Differences	10:00-10:15 AM	Open Pelvic Ring Injuries: Is Mortality Still Above 50%?	Dr. Luke Leenen		
10.30-10.45 AM Trauma Systems and Trauma Centers in South America: Current Status and Future Steps Dr. Marcia Centers in Thoiland: Current Status and Future Steps Dr. Narain Chofirosniramit 11:00-11:15 AM Trauma Systems and Trauma Centers in Western Europe: Current Status and Future Steps Dr. Narain Chofirosniramit 11:00-11:15 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps Dr. Narain Chofirosniramit 11:30-11:45 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps Dr. Narain Common 11:30-11:45 AM Trauma Systems and Trauma Centers in Japan: Current Status and Future Steps Dr. Path Common 11:45-12:00 PM Trauma Systems and Trauma Centers in New Zealand: Current Status and Future Steps Dr. In a 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 Problem Steps Dr. Rouki Zhang Problem Steps Dr. Rouki Zhang Problem Steps Dr. Guixi Zhang Problem Steps Dr. Society OF TRAUMA NURSES: PANEL I. MODERATED BY: LEANNE YOUNG 12:45-13:00 PM A Challenging Pediatric Trauma Case and The Care Across the Continuum Maria McMahan 1:00-1:15 PM Florence Nightingale: An Influence on Trauma Nursing Around the World Cindy Blank Russia Problem Steps Dr. Status Steps Dr. Status S	PANEL 8		ATS, CMDACT),		
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. Yasshiro Otomo 11:30-11:45 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Peter Cameron 11:30-11:45 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Ion 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 A Solution for a Regional Trauma System Development in Shenzhen, China: 8-Year Practices Dr. Guixi Zhang 12:15-12:45 PM Break A Solution for a Regional 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 potterns Rene Grobler PANEL 10: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: IATSIC, AAST, ISTAC, ACSCOT), MODERATED BY: DR. NINA GLASS 1:45-2:00 PM Achieving Trauma Cares A Decade of Action in India Dr. Suband Kumar Dr. Elmin Steyn Dr. Susan Brundage Dr. Elmin Steyn Capacity Building in Trauma Care: A Decade of Action in India Dr. Suband Kumar Dr. Suband Kumar Dr. Suband Kumar Dr. Sharon Henry Reak Steps Panel II: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: ESTES, IATSIC, AAST, ISTAC, ACSCOT), MODERATED BY: DR. Nilna Glass Steps Panel II: Trauma Surgery Training in Kumar Care: A Decade of Action in India Dr. Suband Kumar Dr. Sharon Henry Reak Steps Panel II: Trauma Surgery Training in Live Trauma Dr. Sharon Henry Paper Session II, Moderator: Dr. Todd Costantini MASTER LECTURE II (WCTC INVITATION)  **ESSION	10:15-10:30 AM	How to Apply HICs Standards in LMICs?	Dr. Eileen Bulger		
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. Yasukiro Otomo 11:30-11:45 AM Trauma Systems and Trauma Centers in Australia: Current Status and Future Steps Dr. Peter Comeron 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 Rediatric 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 1:30-1:45 PM Africa Wild - Review of animal injury patterns Rene Grobler  PANEL 10: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: LATSIC, AAST, ISTAC, ACSCOT), MODERATED BY: DR. NINA GLASS 1:45-2:30 PM Achieving Trauma Training Across Personnel Groups and Despite Geographical and Resources Differences 2:00-2:15 PM Trauma Surgery Training in IMICs: From Surgical Colonialism to the Best of Global Surgery 2:15-2:30 PM Running a Trauma Program in Singapore: Funding Models, Language Barriers, and Other Obstacles 2:30-2:45 PM Capacity Building in Trauma Care: A Decade of Action in India 2:45-3:00 PM Break 3:15-4:27 PM Program Session II, Moderator: Dr. Todd Costantini  MASTER LECTURE II (WCTC INVITATION) 4:27 - 3:35 PM Introduction Dr. Raul Coimbra  Trestlay, February 16, 2021  TIMES IN CST  SESSION TITLES  PANEL II: TRAUMA QUALITY IMPROVEMENT AND EDUCATION III (SOCIETIES: ESTES, IATSIC, AAST, ALTEC), MODERATED BY: DR. USA KNOWITON  8:00-8:15 AM Achieving and Maintaining Trauma Competency Worldwide Dr. Allison Berndtson	10:30-10:45 AM	Trauma Systems and Trauma Centers in South America: Current Status and Future Steps	Dr. Maria Fernanda Jimenez		
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PANEL 10: TRAUMA QUALITY IMPROVEMENT AND EDUCATION II (SOCIETIES: IATSIC, AAST, ISTAC, ACSCOT), MODERATED BY: DR. NINA GLASS  1:45-2:00 PM	1:15-1:30 PM	Patients To Right Place, Right Time. How To Improve Transfers of Care – Experiences From Norway	Knut Magne Kolstadbraten		
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 Break Break Paper Session II, Moderator: Dr. Todd Costantini MASTER LECTURE II (WCTC INVITATION)  4:27 - 3:35 PM Introduction Dr. Raul Coimbra Dr. Andrew Peitzman Truesday, February 16, 2021  TIMES IN CST SESSION TITLES SPEAKERS  PANEL 11: TRAUMA QUALITY IMPROVEMENT AND EDUCATION III (SOCIETIES: ESTES, IATSIC, AAST, ALTEC), MODERATED BY: DR. LISA KNOWLTON  8:00-8:15 AM Achieving and Maintaining Trauma Competency Worldwide Dr. Tina Gaarder Br. Alison Berndtson	1:30-1:45 PM	Africa Wild - Review of animal injury patterns	Rene Grobler		
2:00-2:15 PM Trauma Surgery Training in LMICs: From Surgical Colonialism to the Best of Global Surgery  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  Dr. Andrew Peitzman  Tuesday, February 16, 2021  TIMES IN CST SESSION TITLES  PANEL 11: TRAUMA QUALITY IMPROVEMENT AND EDUCATION III (SOCIETIES: ESTES, IATSIC, AAST, ALTEC),  MODERATED BY: DR. LISA KNOWLTON  8:00-8:15 AM Achieving and Maintaining Trauma Competency Worldwide  Brishand Adison Berndtson  Dr. Allison Berndtson					
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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, IATSIC, 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	2:15-2:30 PM	Running a Trauma Program in Singapore: Funding Models, Language Barriers, and Other Obstacles	Dr. Chiu Ming Terk		
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TIMES IN CST  SESSION TITLES  PANEL 11: TRAUMA QUALITY IMPROVEMENT AND EDUCATION III (SOCIETIES: ESTES, IATSIC, AAST, ALTEC), MODERATED BY: DR. LISA KNOWLTON  8:00-8:15 AM  Achieving and Maintaining Trauma Competency Worldwide  Basic Trauma Training in Ghana: Challenges and Success Factors  Dr. Allison Berndtson	4:27 - 3:35 PM	Introduction	Dr. Raul Coimbra		
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8:15-8:30 AM Basic Trauma Training in Ghana: Challenges and Success Factors Dr. Allison Berndtson	8:00-8:15 AM	Achieving and Maintaining Trauma Competency Worldwide	Dr. Tina Gaarder		
	8:15-8:30 AM		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 1	3: DATA COLLECTION AND RESEARCH IN TRAUMA (SOCIETIES: ACSCOT, ESTES, DGC MODERATED BY: DR. VANESSA HO	DU, AAST, ATS),			
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, IATSIC, 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,				
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	MASTER SURGEON LECTURE III (WCTC INVITATION)  Introduction	Dr. Raul Coimbra			
3:57 - 4:00 PM 4:00 -4:30 PM		Dr. Raul Coimbra Dr. Demetrios Demetriades			
	Introduction				
4:00 -4:30 PM	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries				
4:00 -4:30 PM TIMES IN CST	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES	Dr. Demetrios Demetriades SPEAKERS			
4:00 -4:30 PM TIMES IN CST	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED	Dr. Demetrios Demetriades SPEAKERS			
4:00 -4:30 PM  TIMES IN CST PANEL 16: WHAT	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED  TBI Management for the Trauma Surgeon	Dr. Demetrios Demetriades  SPEAKERS  BY: DR. TANYA ANAND  Dr. Deborah Stein			
4:00 -4:30 PM  TIMES IN CST  PANEL 16: WHAT  8:00-8:15 AM	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED	Dr. Demetrios Demetriades  S P E A K E R S  D BY: DR. TANYA ANAND  Dr. Deborah Stein  Dr. Clay Cothren-Burlew			
4:00 -4:30 PM  TIMES IN CST  PANEL 16: WHAT  8:00-8:15 AM  8:15-8:30 AM	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED  TBI Management for the Trauma Surgeon  Blunt CerebroVascular Injury  Pancreatic Trauma	Dr. Demetrios Demetriades  SPEAKERS  BY: DR. TANYA ANAND  Dr. Deborah Stein			
4:00 -4:30 PM  TIMES IN CST  PANEL 16: WHAT  8:00-8:15 AM  8:15-8:30 AM  8:30-8:45 AM	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED  TBI Management for the Trauma Surgeon  Blunt CerebroVascular Injury	SPEAKERS DBY: DR. TANYA ANAND Dr. Deborah Stein Dr. Clay Cothren-Burlew Dr. Ari Leppaniemi			
4:00 -4:30 PM  TIMES IN CST  PANEL 16: WHAT  8:00-8:15 AM  8:15-8:30 AM  8:30-8:45 AM  8:45-9:00 AM  9:00-9:15 AM	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED  TBI Management for the Trauma Surgeon  Blunt CerebroVascular Injury  Pancreatic Trauma  Liver and Spleen Trauma	Dr. Demetrios Demetriades  SPEAKERS  DBY: DR. TANYA ANAND  Dr. Deborah Stein  Dr. Clay Cothren-Burlew  Dr. Ari Leppaniemi  Dr. Federico Coccolini  Dr. Fausto Catena			
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4:00 -4:30 PM  TIMES IN CST  PANEL 16: WHAT  8:00-8:15 AM  8:15-8:30 AM  8:30-8:45 AM  8:45-9:00 AM  9:00-9:15 AM  PANEL 17: WHAT Y	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED  TBI Management for the Trauma Surgeon  Blunt CerebroVascular Injury  Pancreatic Trauma  Liver and Spleen Trauma  Renal Trauma  OU NEED TO KNOW - PENETRATING TRAUMA (SOCIETIES: AAST, ATS, SBAIT), MODERATED ETTAINSCRANIAL GOOD	Dr. Demetrios Demetriades  SPEAKERS  DBY: DR. TANYA ANAND  Dr. Deborah Stein  Dr. Clay Cothren-Burlew  Dr. Ari Leppaniemi  Dr. Federico Coccolini  Dr. Fausto Catena			
4:00 -4:30 PM  TIMES IN CST  PANEL 16: WHAT  8:00-8:15 AM  8:15-8:30 AM  8:30-8:45 AM  8:45-9:00 AM  9:00-9:15 AM  PANEL 17: WHAT Y  9:15-9:30 AM	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED TBI Management for the Trauma Surgeon Blunt CerebroVascular Injury  Pancreatic Trauma Liver and Spleen Trauma Renal Trauma OU NEED TO KNOW - PENETRATING TRAUMA (SOCIETIES: AAST, ATS, SBAIT), MODERATED Transcranial GSW  Penetrating Neck Trauma	Dr. Demetrios Demetriades  S P E A K E R S  D BY: DR. TANYA ANAND  Dr. Deborah Stein  Dr. Clay Cothren-Burlew  Dr. Ari Leppaniemi  Dr. Federico Coccolini  Dr. Fausto Catena  BY: DR. ASHLEY MEAGHER  Dr. Ajai Malhotra  Dr. Li Hsee			
4:00 -4:30 PM  TIMES IN CST  PANEL 16: WHAT  8:00-8:15 AM  8:15-8:30 AM  8:30-8:45 AM  8:45-9:00 AM  9:00-9:15 AM  PANEL 17: WHAT Y  9:15-9:30 AM  9:30-9:45 AM	Introduction  Master Surgeon Lecture III: Current Management of Blunt Thoracic Aortic Injuries  Wednesday, February 17, 2021  SESSION TITLES  YOU NEED TO KNOW - BLUNT TRAUMA (SOCIETIES: EAST, AAST, WSES), MODERATED  TBI Management for the Trauma Surgeon  Blunt CerebroVascular Injury  Pancreatic Trauma  Liver and Spleen Trauma  Renal Trauma  OU NEED TO KNOW - PENETRATING TRAUMA (SOCIETIES: AAST, ATS, SBAIT), MODERATED ETTAINSCRANIAL GOOD	Dr. Demetrios Demetriades  SPEAKERS  DBY: DR. TANYA ANAND  Dr. Deborah Stein  Dr. Clay Cothren-Burlew  Dr. Ari Leppaniemi  Dr. Federico Coccolini  Dr. Fausto Catena  BY: DR. ASHLEY MEAGHER  Dr. Ajai Malhotra			

10.35-10.04 M Colosic Injury – Repair Options	PANEL 18: MISCELLA	ANEOUS TRAUMA TOPICS (SOCIETIES: ESTES, AAST, PTS, EAST, JAST, KSACS), MODERATED BY: DR.	MORGAN SCHELLENBERG		
11-00-11:15 AM   Retained Hemothorax — Management Options   Dr. Michel Aboutanos   Dr. A. Britton Christman   Dr. A. Britton Christman   Dr. A. Britton Christman   Dr. J. Frong Jang   Dr. J. Frong Jang Jang Jang Jang Jang Jang Jang Ja					
11:15-11:30 AM DVT Prophylaxis in Trauma  11:30-11:45 AM Nutritional Support in Trauma: What is New?  PANEL 19: VASCULAR TRAUMA (SOCIETIES: AAST, JAST), MODERATED BY: DR. DIANA FILIBERTO  PANEL 19: VASCULAR TRAUMA (SOCIETIES: AAST, JAST), MODERATED BY: DR. DIANA FILIBERTO  12:15-12:30 PM Proteoring, Extremity Vascular Trauma: General Principles of Diagnosis and Management Dr. Itasia Kobayashi 12:30-12:45 PM Endovascular vs. Open Approach for Peripheral Vascular Injuries 12:30-12:45 PM Endovascular vs. Open Approach for Peripheral Vascular Injuries 13:00-13:15 PM Usscular Damage Control 13:15-130 PM Paper Session IV, Moderator Dr. Koji Morishito  ***********************************	10:45-11:00 AM	Small Bowel Resection – Hand-Sewn or Stapled reconstruction?	Dr. Mayur Narayan		
11.36-11.45 AM Nutritional Support in Trauma: What is New?  PANEL 19: LSP M  Break    PANEL 19: VASCULAR TRAUMA (SOCIETIES: AAST, JAST), MODERATED BY: DR. DIANA FUBERTO    12:15-12:30 PM   Penetroling Externity Vascular Trauma: General Principles of Diagnosis and Management   Dr. Isalie Kobayashi     12:30-12:45 PM   Endovascular vs. Open Approach for Peripheral Vascular Injuries   Dr. Loura Moore     12:45-1-00 PM   Extremity Compartment Syndrome − Diagnosis and Management   Dr. Takashi Fulta     12:30-12:45 PM   Endovascular vs. Open Approach for Peripheral Vascular Injuries   Dr. Takashi Fulta     1:30-1:15 PM   Vascular Damage Control     1:15-1:30 PM   Break     1:30-2:30 PM   Paper Session IV, Moderator Dr. Kaji Marishita	11:00-11:15 AM	Retained Hemothorax – Management Options	Dr. Michel Aboutanos		
11-45-12-15 PM	11:15-11:30 AM	DVT Prophylaxis in Trauma	Dr. A. Britton Christmas		
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. Laura Moore  12:30-12:45 PM Endovascular vs. Open Approach for Peripheral Vascular Injuries  Dr. Loura Moore  1:24:45-10:00 PM Extremity Compartment Syndrome — Diagnosis and Management Dr. Dr. Loura Moore  1:24:45-10:00 PM Extremity Compartment Syndrome — Diagnosis and Management Dr. Dr. Dr. Dr. Coloral Fulico  1:25-13:00 PM Peper Session IV, Moderator: Dr. Kaji Morishita  MASTER LECTURE IV (WCTC INVITATION)  1:230-2:30 PM Peper Session IV, Moderator: Dr. Kaji Morishita  MASTER LECTURE IV (WCTC INVITATION)  1:35-3:05 PM Master Lecture IV: Procision Medicine for the Injured Patient Dr. Ronald V. Maiore.  1:45-12:05 PM Master Lecture IV: Procision Medicine for the Injured Patient Dr. Ronald V. Maiore.  1:45-25:05 PM Master Lecture IV: Procision Medicine for the Injured Patient Dr. Ronald V. Maiore.  1:45-25:05 PM Management of Peripheral Vascular Injury and Associated Fractures Dr. Joseph Galante  8:00-8:15 AM Management of Peripheral Vascular Injury and Associated Fractures Dr. Joseph Galante  8:30-8:45 AM Open Fractures: Initial Management and Antibiotics Dr. Frank Hildebrand Dr. Frank Hildebrand Dr. Fractures: Initial Management and Antibiotics Dr. Frank Hildebrand Dr. Procures: Initial Management and Antibiotics Dr. Frank Hildebrand Dr. Ronald V. Maiore.  1:59-30-9:45 AM Role of REBOA in Penetrating Chest Injury. What is the evidence? Dr. Contos Ordonez  9:30-9:45 AM Role of REBOA in Penetrating Chest Injury. What is the evidence? Dr. Contos Ordonez  9:30-9:45 AM Role of REBOA in Penetrating Chest Injury. What is the evidence? Dr. Contos Ordonez  9:30-9:45 AM Role of REBOA in Penetrating Chest Injury. What is the evidence? Dr. Contos Ordonez  9:30-9:45 AM Role of REBOA in Penetrating Chest Injury. What is the evidence? Dr. Contos Ordonez  1:51-10:00 AM Role of REBOA in Penetrating Chest Injury Miat is the evidence? Dr. Co	11:30-11:45 AM	Nutritional Support in Trauma: What is New?	Dr. Ji-Yeong Jang		
12:15-12:30 PM   Penetrating Extremity Vascular Trauma: General Principles of Diagnosis and Management   Dr. Laslie 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. David Feliciano   Dr. Roal Coimbra   Dr. Roal V. Maiser Lecture IV: Precision Medicine for the Injured Patient   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injured Patient   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injured Patient   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injured Patient   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injured Patient   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injured Patient   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injured Patient   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injury of Maiser   Dr. Roal Q. Maiser Lecture IV: Precision Medicine for the Injury of Maiser   Dr. Roal Q. Dr. Roal Q. Maiser   Dr. Roal Q. Dr	11:45-12:15 PM	Break			
12:30-12:45 PM Endovascular vs. Open Approach for Peripheral Vascular Injuries Dr. Laura Moore 12:45-1:00 PM Externity Compartment Syndrome – Diagnosis and Management Dr. Tokashi Fuila 13:00-1:15 PM Vascular Damage Control 1:15-1:30 PM Break 1:30-2:30 PM Paper Session IV, Moderator: Dr. Kaji Morishita  ***MASTER LECTURE IV (WCTC INVITATION)**  2:30-2:35 PM Introduction Dr. Kaji Morishita 2:35-3:05PM Master Lecture IV: Precision Medicine for the Injured Patient Dr. Rould V. Maier.  ***THURS LEGY, FEBRUARY 18, 2021**  ***THURS LEG	P.	anel 19: vascular trauma (societies: aast, jast), moderated by: dr. diana fi	ILIBERTO		
12:45-1:00 PM Externity Compartment Syndrome – Diagnosis and Management Dr. Takashi Fulla 1:00:1:15 PM Vascular Damage Control Dr. David Feliciano Pr. 15:1:30 PM Break	12:15-12:30 PM	Penetrating Extremity Vascular Trauma: General Principles of Diagnosis and Management	Dr. Leslie Kobayashi		
1:00-1:15 PM Vascular Damage Control Dr. David Feliciano 1:15-1:30 PM Break 1:30-2:30 PM Poper Session IV, Moderator: Dr. Koji Morishita  ***MASTER LECTURE IV (WCTC INVITATION)**  2:30-2:35 PM Introduction Dr. Roul Coimbra 2:35-3:05 PM Master Lecture IV: Precision Medicine for the Injured Patient Dr. Rould V. Maier.  ***Thursday, February 18, 2021**  ***Thursday, February 18, 2	12:30-12:45 PM	Endovascular vs. Open Approach for Peripheral Vascular Injuries	Dr. Laura Moore		
1:15-1:30 PM Paper Session IV, Moderator: Dr. Keji Morishita 1:30-2:30 PM Paper Session IV, Moderator: Dr. Keji Morishita 2:30-2:35 PM Introduction Dr. Roul Coimbro 2:35-3:05PM Master Lecture IV: Precision Medicine for the Injured Patient Dr. Roundld V. Maier.  **Thursday, February 18, 2021**  **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 Management of Peripheral Vascular Injury and Associated Fractures Dr. Bentil Bouillon 8:30-8:45 AM Open Fractures: Initial Management and Antibiotics Dr. Frank Hildebrand 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 Indications of REBOA in Blant Abdominal Trauma (including pelvic fractures) Dr. Carlos Ordonez 9:43-10:00 AM Indications of REBOA in Penetrating Chest Injury. What is the evidence? Dr. Carlos Ordonez 10:15-10:30 AM Break REBOA: Penetrating Abdominal Trauma (including pelvic fractures) Dr. Adam Power 10:15-10:30 AM Break Peaker 10:00-10:15 AM REBOA: Complications, Training, Technology Dr. Adam Power 10:15-10:30 AM Break Dr. Megan Break Panel 22: DAMAGE CONTROL SURGERY / RESUSCITATION (SOCIETIES: EAST, AAST, IATC, ALTEC), MODERATED BY: Dr. ANNE STEY 10:00-11:15 AM Intra-Abdominal Hypertension & Open Abdomen Management in Austere Settings Dr. Luis Ferreira PANEL 22: InsumAge Control Resuscitation Dr. Luis Ferreira PANEL 23: Insurery PREVENTION (SOCIETIES: ACSCOT, AAST, IATSC, SBAIT, JSACS, WCTC), MODERATED BY: Dr. ANNONIO MARTIOS 11:45-12:00 PM Mass Casualties and Gun Violence in the USA: Is There a Solution? Dr. Roin Scalaridge Dr. Roin Resurer in Truma Dr. Luis Ferreira PANEL 23: Insurery PREVENTION (SOCIETIES: ACSCOT, AAST, IATSIC, SBAIT, JSACS, WCTC), MODERATED BY: Dr. ANTONIO MARTIOS 11:45-12:00 PM Mass Casualties and Gun Violence in the USA: Is The	12:45-1:00 PM	Extremity Compartment Syndrome – Diagnosis and Management	Dr. Takashi Fuita		
1:30-2:30 PM Paper Session IV, Moderator: Dr. Koji Morishita  **MASTER LECTURE IV (WCIC 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.  **TIMES IN CST**  **ILLES IN CST**  **PANEL 20: COMPLEX EXTREMITY TRAUMA: WHAT IS NEW? (SOCIETIES: AAST, ESTES, DGOU), MODERATED BY: DR. NICOLE GOULET (St. 18:30-8:15 AM)  **Management of Peripheral Vascular Injury and Associated Fractures Dr. Joseph Galante (St. 18:40 AM)  **B:00-8:15 AM)  **Management of Peripheral Vascular Injury and Associated Fractures Dr. Bertil Bouillon (St. 18:40 AM)  **B:30-8:45 AM)  **Open Fractures: Initial Management and Antibiotics Dr. Frank Hildebrand (Proposition)  **B:45-9:00 AM)  **PANEL 21: REBOA AROUND THE WORLD (SOCIETIES: PTS, WSES, ATS, TAC), MODERATED BY: DR. MEGAN BRENNER (Proposition)  **PANEL 21: REBOA AROUND THE WORLD (SOCIETIES: PTS, WSES, ATS, TAC), MODERATED BY: DR. MEGAN BRENNER (Proposition)  **PANEL 21: REBOA KEBOA in Penetrating Chest Injury. What is the evidence? Dr. Carlos Ordonez (Proposition)  **PANEL 21: REBOA KEBOA in Penetrating Chest Injury. What is the evidence? Dr. Carlos Ordonez (Proposition)  **PANEL 21: REBOA KEBOA in Penetrating Abdominal Trauma (Including pelvic fractures) Dr. Tom Scalea (Proposition)  **PANEL 22: DAMAGE CONTROL SURGERY/RESUSCITATION (SOCIETIES: EAST, AAST, IATCC, ALTEC), MODERATED BY: DR. ANNE STEY (Proposition)  **PANEL 22: DAMAGE CONTROL SURGERY/RESUSCITATION (SOCIETIES: EAST, AAST, IATCC, ALTEC), MODERATED BY: DR. ANNE STEY (Proposition)  **PANEL 23: INJURY PREVENTION (SOCIETIES: ACSCOT, AAST, IATSIC, SBAIT, JSACS, WCTC), MODERATED BY: DR. ANTONIO MARITIOS (Proposition)  **PANEL 23: INJURY PREVENTION (SOCIETIES: ACSCOT, AAST, IATSIC, SBAIT, JSACS, WCTC), MODERATED BY: DR. ANTONIO MARITIOS (Proposition)  **PANEL 23: INJURY PREVENTION (SOCIETIES: ACSCOT, AAST, IATSIC, SBAIT, JSACS, WCTC), MODERATED BY: DR. ANTONIO MARITIOS (Proposition)  **PANEL 23: INJURY PREVENTION (SOCIETIES: ACSCOT, AA	1:00-1:15 PM	Vascular Damage Control	Dr. David Feliciano		
2:30-2:35 PM Introduction Dr. Raul Coimbra Dr. Raul Coimb	1:15-1:30 PM	Break			
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.  **Thursday, February 18, 2021**  **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 Management of Peripheral Vascular Injury and Associated Fractures Dr. Joseph Galante Dr. Frank Hildebrand Dr. Ingo Marzi Dr. Ingo Dr. In	1:30-2:30 PM	Paper Session IV, Moderator: Dr. Koji Morishita			
2:35-3:05PM Moster Lecture IV: Precision Medicine for the Injured Patient  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 Monogement of Peripheral Voscular Injury and Associated Fractures  8:15-8:30 AM Mongled Extremity: Amputation vs Salvage  8:15-8:30 AM Mongled Extremity: Amputation vs Salvage  8:15-8:30 AM Mongled Extremity: Amputation vs Salvage  8:15-8:30 AM Open Fractures: Initial Management and Antibiotics  9:15-9:00-9:15 AM Open Tractures: Initial Management and Antibiotics  PRANEL 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?  9:30-9:45 AM Indications of REBOA in Penetrating Chest Injury. What is the evidence?  9:30-9:45 AM Indications of REBOA in Penetrating Abdominal Trauma  10:00-10:15 AM REBOA: Complications, Training, Technology  10:15-10:30 AM Break  PANEL 22: DAMAGE CONTROL SURGERY/RESUSCITATION (SOCIETIES: EAST, AAST, IATC), ALTEC), MODERATED BY: DR. ANNE STEY  10:30-11:55 AM Intra-Abdominal Hypertension & Open Abdomen Management in Austere Settings  10:45-11:30 AM Timing of Bowel Anastomosis in Setting of Damage Control Surgery  10:15-11:30 AM Timing of Bowel Anastomosis in Setting of Damage Control Surgery  10:15-11:30 AM Timing of Bowel Anastomosis in Setting of Damage Control Surgery  PANEL 23: INJURY PREVENTION (SOCIETIES: ACSCOT, AAST, IATSIC, SBAIT, JSACS, WCTC), MODERATED BY: DR. ANIONIO MARTIOS  11:45-12:30 PM Moss Casualities and Gun Violence in the USA: Is There a Solution ?  12:00-12:15 PM Lessons Learned from the Development of the Joint Trauma System of the US Military  12:00-12:15 PM Lessons Learned from the Development of the Joint Trauma System of the US Military  12:00-12:15 PM Ros Casualities and Gun Violence in the USA: Is There a Solution ?  12:10-12:15 PM Ros Casuality Prevention Measures in Europe  12:30-12:45 PM The 6th World Tr		master lecture IV (WCTC INVITATION)			
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