

Meeting of the International

NeuroTrauma Society

INTS 2026 — Final Program

October 27–29, 2026

Cartagena, Colombia



Cartagena de Indias, Colombia

SUPPORTED BY



Tuesday, October 27, 2026		
TIME	ROOM 1	ROOM 2
7:00 – 7:30	Registration on Site	
7:30 – 8:30	BREAKFAST SYMPOSIUM New Trends in Neurotrauma Neurosonology Moderators Dr. Piedad Acurio (ECU) · Dr. Mario Canitrot (CHL)	BREAKFAST SYMPOSIUM Decompressive Surgery & Reconstruction in Children Moderators Dr. David Adelson (USA) · Dr. Andrew Reisner (USA)
7:30 – 7:45	Optic Nerve Ultrasound in Traumatic Brain Injury Dr. Robson Amorim (BRA)	Decompressive Craniectomy in Pediatric Population Dr. Gerald Grant (USA)
7:45 – 8:00	Neurosonology in Spinal Cord Injury Dr. Eve Tsai (CAN)	Cranioplasty Surgery in Pediatric Patients Dr. Rina Agushi (ITA)
8:00 – 8:15	Transcranial Doppler in Traumatic Brain Injury Dr. Jorge Carrizosa (COL)	Life After Decompressive Craniectomy: Timing of Cranioplasty, Neuro Recovery, and Long-Term Outcomes Dr. Guirish Solanki (UK)
8:15 – 8:30	Q&A Session	Q&A Session
8:30 – 9:30	OPENING CEREMONY Welcome & Introductions Moderators Dr. Peter Hutchinson (UK) · Dr. Andres M. Rubiano (COL)	
8:30 – 8:45	Event Introduction and INTS Remarks Dr. Peter Hutchinson (UK) / Dr. Andrés M. Rubiano (COL)	
8:45 – 9:00	FLANC / LABIC Leadership Remarks Dr. Marcelo Zenteno (BOL) / Dr. Jorge Paranhos (BRA)	
9:00 – 9:15	ACNCx Leadership Remarks Dr. Juan F. Ramón (COL) / Dr. Oscar Escobar (COL)	
9:15 – 9:30	COLNE / FALAN Leadership Remarks Dr. Lina Becerra (COL) / Dr. José Abisambra (USA)	
9:30 – 11:00	CLINICAL TBI ABSTRACT SESSION Moderators Dr. Oscar Escobar (COL) · Dr. Shugar Hinojoza (PER)	BASIC SCIENCE ABSTRACT SESSION Moderators Dr. José Abisambra (USA) · Dr. Michelle Shoeber (USA)
9:30 – 9:40	☕ Coffee Break and Room Preparation	
9:40 – 9:50	Decompressive Craniectomy and Hinged Craniotomy for Traumatic Brain Injury: Experience in Two Centers Nicolás Rincón Arias (COL)	Neuroinflammation in a Mouse Model of Closed Head Injury: From MRI Phenotyping to PET/MRI-Guided Cell Therapy Piotr Walczak (USA)
9:50 – 10:00	Early Glasgow Coma Scale Trajectory from Scene to Emergency Department Is Associated with Mortality and Neurosurgical Intervention in Traumatic Brain Injury: A Nationwide Registry Study Olivia Kiwanuka (SWE)	Oxidative Stress Emerges as a Potential Driver of Sporadic MND/ALS in a Novel Mouse Model Eftekhari Eftekharpour (CAN)
10:00 – 10:10	Selection and Outcomes of Different Surgical Approaches for Acute Epidural Hematoma: A Descriptive Midterm Analysis of the Ongoing Prospective Real-World PORTALS-AEDH Study Junfeng Fen (CHI)	Recombinant GDF-15 reduces neuroinflammation and improves functional recovery following traumatic brain injury in obese mice Susan C Burke (IRL)
10:10 – 10:20	The effectiveness of decompressive craniectomy size in traumatic brain injury; an international, observational, comparative effectiveness study Rick Vreeburg (NET)	A single low dose of R18D is neuroprotective after repeated mild traumatic brain injury Chidozie C. Anyaegbu (AUS)

Tuesday, October 27, 2026		
TIME	ROOM 1	ROOM 2
10:20 – 10:30	Clinical Outcomes of Craniotomy versus Decompressive Craniectomy in Acute Subdural Hematoma: A Retrospective Cohort Study at a High-Complexity Hospital in Medellín, Colombia Cesar A. Arias (COL)	Investigation of the Immunomodulatory Effects of Growth Differentiation Factor-15 in Co-morbid Traumatic Brain Injury and Diet-induced Obesity Joanna Pomeroy (IRL)
10:30 – 10:40	Prognostication by individual neurosurgical motivation for decision-making in TBI: A CENTER-TBI study Samuel Corper (NET)	Spatial organization of neuroimmune cell states after SCI is fundamentally shaped by biological sex Ciara Walsh (CAN)
10:40 – 10:50	Prognostic Performance of the SBNS CT Classification in Patients with Acute Traumatic Subdural Hematoma Treated with Decompressive Craniectomy Andrés Gempeler (COL)	IL13 responses are reconfigured by microglial presence in 3D models of spinal cord injury Julia Di Stefano (IRL)
10:50 – 11:00	Acute epidural hematoma in contemporary China: a multicenter cohort study of clinical spectrum, management, and outcomes Jungfeng Fen (CHI)	Glymphatic impairment and Sleep Disturbances Underlie Chronic Neuroinflammation and Post-Traumatic Functional Deficit Rashad Hussain (USA)
11:00 – 12:30	PARALLEL SESSION Novelty Aspects in TBI Care Moderators Dr. Kelia Santiago (BRA) · Dr. Mario Canitrot (CHL)	PARALLEL SESSION Update on Neurotrauma Science Moderators Dr. Lina Becerra (COL) · Dr. Eder Cáceres (COL)
11:00 – 11:15	Coagulopathy in Polytrauma and TBI Dr. Rubén Peralta (QAT)	Drag Reducing Polymers Improve Cerebral Hemodynamics, Autoregulation and Compliance in a Swine Polytrauma Model of TBI and Hemorrhagic Shock Dr. Denis Bragin (USA)
11:15 – 11:30	NIRS Technologies for Neurotrauma Care in Less Resourced Settings: Results of Clinical Trials Dr. Baruch Ben-Dor (ISR)	Novel Approaches to Experimental Medicine in Neurotrauma Dr. Adel Helmy (UK)
11:30 – 11:45	The Role of AI In Neurotrauma Science Dr. Kelia Santiago (BRA)	Current Studies in Preclinical Models in China Dr. Guoyi Gao (CHI)
11:45 – 12:00	Cisternostomy as Emergency Surgical Technique for TBI Management Dr. Mario Ganau (UK)	Mechanisms of Oxidative Stress in Neurotrauma and Neurodegeneration Dr. Eftekhar Eftekharpour (CAN)
12:00 – 12:15	cSDH Management at Global Level Dr. Oscar Alves (POR)	The Neural Repair and Regeneration Research Program Experience Dr. Michael Fehlings (CAN)
12:15 – 12:30	Q&A Session	Q&A Session
12:30 – 13:45	LUNCH SEMINAR Neuromonitoring in TBI Moderators Dr. Alfonso Lagares (SPA) · Dr. Wellingson Paiva (BRA)	LUNCH SEMINAR Pediatrics: Multimodal Neuromonitoring Moderators Dr. Shruti Agrawal (UK) · Dr. David Adelson (USA)
12:30 – 12:45	The Monro-Kellie 4.0 Dr. Andrés Rubiano (COL)	The P-ICONIC Consensus on Non-Invasive Monitoring in Pediatric TBI Dr. Jenifer Muñoz (USA)
12:45 – 13:00	Current Recommendations for ICP Monitoring in TBI Dr. Gregory Hawryluk (USA)	Invasive Monitoring in Pediatric TBI Dr. Grace Lai (USA)
13:00 – 13:15	State of the Art in PtiO2 Monitoring in TBI Dr. Peter Hutchinson (UK)	Non-Invasive Monitoring in Pediatric TBI Dr. Bradley De Souza (USA)
13:15 – 13:30	How to Monitor Autoregulation in TBI Dr. Antonio Belli (UK)	What happens after the ICU? The Role of Follow-up Programs Dr. Erica Fink (USA)
13:30 – 13:45	Q&A Session	Q&A Session

TIME	ROOM 1	ROOM 2
13:45 – 14:45	PLENARY SESSION Advances in Pediatric Neurotrauma Moderators Dr. Jennifer Muñoz (USA) · Dr. Guirish Solanki (UK)	
13:45 – 14:00	Updates on Clinical Trials and Opportunities Dr. Michael Bell (USA)	
14:00 – 14:15	Updates on Ancillary Neuromonitoring Systems in Pediatric Neurotrauma Dr. Jose Pineda (USA)	
14:15 – 14:30	Updates on Conventional and Novel ICP Monitoring Systems within Pediatric Neurotrauma Dr. Shruti Agrawal (UK)	
14:30 – 14:45	Q&A Session	Q&A Session
14:45 – 15:00	 Coffee Break and Room Preparation	
15:00 – 16:30	CLINICAL NEUROTRAUMA ABSTRACT SESSION Moderators Dr. Wilco Peul (NET) · Dr. Piedad Acurio (ECU)	CLINICAL TBI ABSTRACT SESSION Moderators Dr. Mario Ganau (UK) · Dr. Ramón Díaz-Arrastia (USA)
15:00 – 15:10	Minimally invasive versus open spinopelvic fixation for spinopelvic dissociation and unstable sacral fractures with spinopelvic instability: a systematic review and meta-analysis Cesar A. Arias (COL)	Implementation of a Serum Test for the Screening of Patients with Mild Traumatic Brain Injury: The IMPACTS-BRAINI Study Alfonso Lagares (SPA)
15:10 – 15:20	Preliminary combined effects of mTBI and spinal cord injury on dual-task wheelchair balance and propulsion in elite para-athletes Ryan Moran (USA)	Gut-Derived TMAO Links Repetitive Traumatic Brain Injury to Depressive-Like Behavior Xiang Mao (CHI)
15:20 – 15:30	Development and implementation of educational material for the transition of care in patients with spinal cord injury and their families Caroline Fernandes (BRA)	Life Brain Health in Former Elite Football Players Caleigh Lynch (UK)
15:30 – 15:40	Penetrating Spinal Gunshot Wounds: Injury Characteristics, Primary Management, and Concordance Between Radiological and Mechanical Instability Alejandro Hernández (COL)	Effect of cognitive training during transcranial direct current stimulation on memory in patients with traumatic brain injury: a double-blind, randomized, placebo-controlled study Vanessa Paglioni (BRA)
15:40 – 15:50	Beyond Visible Injury: Video Analysis of Head Impacts and Hospital Transport After Falls in Long-Term Care Jonathan Leitz (USA)	The triple lethal radiological pattern in traumatic brain injury: convergence of cerebral edema subtypes and dose-response gradient of clinical outcomes Laura Loaiza (COL)
15:50 – 16:00	Traumatic Brain Injury among older adults: urgent need for implementation of specific Neurorehabilitation needs and tailored to low-middle-context Franklin Chu Buh (CMR)	Metabolic Reprogramming and a Machine-Learning Signature Distinguish Traumatic Chronic Subdural Hematoma from Mild Traumatic Brain Injury Xiang Mao (CHI)
16:00 – 16:10	Attributing loss of consciousness to syncope does not identify a low-risk group after low-energy falls Alexander Fletcher (SWE)	The P-ICONIC Rome Consensus: Non-Invasive ICP Monitoring in Pediatric TBI Wendy Gonzalez (COL)
16:10 – 16:20	PaCO2 Association with Outcomes of Patients with Traumatic Brain Injury at High Altitude: A Prospective Single-Center Cohort Study Eder Cáceres (COL)	Wall Shear Stress of the Internal Carotid Artery at Post-Traumatic Vasospasm: Impact of Parenchymal Hemorrhage Denis Bragin (USA)

Tuesday, October 27, 2026

TIME	ROOM 1	ROOM 2
16:20 – 16:30	Sacral Neuromodulation for Refractory Fecal Incontinence After Spinal Cord Injury: Outcomes from a Multidisciplinary Four-Case Series Adriana L. López (COL)	Hinge Craniotomy versus Decompressive Craniectomy in Traumatic Brain Injury: A Narrative Review of Evidence and Patient Selection Andrea Delgado (COL)
16:30 – 18:00	PARALLEL SESSION Neurotrauma Moderators Dr. Wellingson Paiva (BRA) · Dr. Franly Vasquez (DOM-R)	PARALLEL SESSION Basic Sciences Moderators Dr. Eftekhar Eftekharpour (USA) · Dr. David Brody (USA)
16:30 – 16:45	BRAINi2 Study: Diagnostic Performance of Blood Biomarkers in Older Adults with Mild Traumatic Brain Injury—Results from a Multicenter European Study Dr. Alfonso Lagares (SPA)	Non-Invasive Modulation of Brain Clearance: NIR-II Transcranial Photobiomodulation Improves Vascular, Lymphatic and Synaptic Outcomes After TBI Dr. Denis Bragin (USA)
16:45 – 17:00	Cortical Spreading Depolarization After Severe Traumatic Brain Injury Dr. Ryan Kitagawa (USA)	Matrix Metalloproteinases in Murine Models of Traumatic Brain Injury Dr. Diana González (COL)
17:00 – 17:15	Cranioplasty in TBI: Material Selection and Impact on Recovery Dr. Corrado Iaccarino (ITA)	Molecular Guidance for Therapeutic Interventions in TBI: From Epigenetic to Spatial Omics Dr. Marangelie Criado-Marrero (USA)
17:15 – 17:30	Task Shifting and Task Sharing in Neurotrauma Care: Experience from Philippines Dr. Lynee L. Lucene (PHI)	Extracellular Vesicles and Systemic Complications in Acute Brain Injury Dr. Nadine Kerr (USA)
17:30 – 17:45	TIME-TBI: A Proposal for Organization of Systems of Care in TBI Dr. Robson Amorim (BRA)	Dynamics of Anterior Pituitary Function in the Acute Phase of TBI Dr. Eder Cáceres (COL)
17:45 – 18:00	Q&A Session	Q&A Session

Wednesday, October 28, 2026		
TIME	ROOM 1	ROOM 2
7:00 – 7:30	Registration on Site	
7:30 – 8:30	BREAKFAST SYMPOSIUM Guidelines & Protocols in Neurotrauma Moderators Dr. Ryan Kitagawa (USA) · Dr. Eve Tsai (CAN)	BREAKFAST SYMPOSIUM New Trends in Neurotrauma Research Moderators Dr. Robert Vink (AUS) · Dr. Lina Becerra (COL)
7:30 – 7:45	Guidelines in SCI: An Overview for Global Applications Dr. Michael Fehlings (CAN)	The NK1 Antagonist Experience: Pitfalls and Solutions Dr. Robert Vink (AUS)
7:45 – 8:00	Guidelines in TBI: An Overview for Global Applications Dr. Gregory Hawryluk (USA)	Inflammasome in TBI, Chronic Traumatic Encephalopathy and Alzheimer's Dr. Juan Pablo de Rivero Vaccari (USA)
8:00 – 8:15	BOOTStraP Protocols for Neurotrauma Care in Heterogeneous Contexts Dr. Wellingson Paiva (BRA)	Intraoperative application of nanoparticle-hydrogel targeting microglia for neuroinflammation in TBI Dr. Junfeng Feng (CHI)
8:15 – 8:30	Q&A Session	Q&A Session
8:30 – 9:30	PLENARY SESSION Neurotrauma Care: Recent Advances Moderators Dr. Andreas Unternberg (GER) · Dr. Juan F. Ramón (COL)	
8:30 – 8:45	Advances on Spine Cord Injury: From Molecule to Man Dr. Michael Fehlings (CAN)	
8:45 – 9:00	The UK-NIHR Clinical Trials in Traumatic Brain Injury Dr. Peter Hutchinson (UK)	
9:00 – 9:15	Update on Neurotrauma Clinical Studies from China Dr. Guoyi Gao (CHI)	
9:15 – 9:30	LATAM Consensus for Neuroworsening Definition Update Dr. Andrés M. Rubiano (COL)	
9:30 – 11:00	CLINICAL TBI ABSTRACT SESSION Moderators Dr. Ahmed El-Fiki (EGY) · Dr. Lynne Lucena (PHI)	BIOMARKERS ABSTRACT SESSION Moderators Dr. Nadine Kerr (USA) · Dr. Laura Blackwell (USA)
9:30 – 9:40	 Coffee Break and Room Preparation	
9:40 – 9:50	Identification of predictors of early TBI outcome beyond the initial Glasgow Coma Scale: a prospective cohort study Laura Loaiza (COL)	Prospective evaluation of the diagnostic performance and operational feasibility of GFAP and UCH-L1 biomarkers in patients with mild traumatic brain injury Edward Delgado (URU)
9:50 – 10:00	Impact of Intracranial Pressure Monitoring on 30-Day Mortality in Severe Traumatic Brain Injury: A Retrospective Cohort Study in Kenya Tendwa Ongas (KEN)	Point-of-Care Whole Blood Traumatic Brain Injury Biomarkers for Identifying Clinically Relevant Events in a Level 1 Trauma Center Emergency Department Shawn Eagle (USA)
10:00 – 10:10	Potential for Unrealized Recovery Due to Withdrawal of Life-Sustaining Treatment: A CENTER-TBI study Rick Vreeburg (NET)	Prognostic Discrimination of Salivary S100B and Neurogranin for Early and Long-Term Functional Outcomes After Moderate-to-Severe Traumatic Brain Injury Karoline de Souza Pessoa (BRA)
10:10 – 10:20	Improved Prognostic Accuracy by Combining the Glasgow Coma Scale with Marshall and Rotterdam CT Classifications in Moderate and Severe Traumatic Brain Injury Roberto Rodriguez Díaz (ECU)	Adding GFAP/UCH-L1 biomarkers to the Canadian CT Head Rule halves imaging without missing additional injuries Ariana Chacon (USA)

Wednesday, October 28, 2026		
TIME	ROOM 1	ROOM 2
10:20 – 10:30	Cranial gunshot wounds: comparative analysis of management and outcomes in a United Kingdom Major Trauma Centre and the United States Antonio Belli (UK)	Extracellular Vesicle–Associated IL-18 Reveals a Distinct Inflammasome Signal Following Pediatric Traumatic Brain Injury Nicolas Suarez (USA)
10:30 – 10:40	Non-invasive intracranial compliance as a predictor of outcomes in severe TBI: A Brazilian multicenter cohort Sandy Delbon (BRA)	Timing and Safety of DOAC (Re)Initiation After Traumatic Intracranial Hemorrhage: A Systematic Review and Meta-analysis Maria C Salinas (ECU)
10:40 – 10:50	Characterization and functionality outcome of patients with diffuse axonal injury treated in a neurological critical care unit in Bogota: a retrospective study Juan S. Castro (COL)	Safety and efficacy of C1-inhibitor in traumatic brain injury (CIAO@TBI): a randomized, placebo-controlled, multicenter trial Inge Van Erp (NET)
10:50 – 11:00	Sport as a Clinical Model to Improve Diagnostic Criteria for Mild Traumatic Brain Injury: A comparison of the World Rugby HIA Process and ACRM Criteria Matthieu Faillot (FRA)	Convergent mesencephalic signatures of pharmacologic unresponsiveness and traumatic coma Kyriakos Birmpas (UK)
11:00 – 12:30	PARALLEL SESSION Recent Trends in SCI Moderators Dr. Nader Hejrati (SWI) · Dr. Nestor Taboada (COL)	PARALLEL SESSION Recent Trends in Pediatric TBI Moderators Dr. José Pineda (USA) · Dr. Michael Bell (USA)
11:00 – 11:15	Combined Cranial and Spinal Neurotrauma: Insights from Multi-layered Studies Dr. Andreas Demetriades (SCO)	Pediatric TBI and the Inflammasome: From Mechanism to Biomarker Discovery Dr. Jennifer Muñoz (USA)
11:15 – 11:30	Ultrasound for Spinal Cord Injury and Decompression Dr. Eve Tsai (CAN)	Sex-Dependent Differences in Oxidative Stress and Inflammation after TBI Dr. Michelle Schoeber (USA)
11:30 – 11:45	Current Evidence on Invasive Monitoring for SCI Management Dr. Mario Ganau (UK)	Biomarkers in Acute Pediatric TBI; Translating Promise into Practice Dr. Andrew Reisner (USA)
11:45 – 12:00	Role of Astrocytes in the Repair Processes After Spinal Cord Injury Dr. Soheila Karimi (CAN)	Towards Precision Prognostication: Biomarkers and Long-Term outcomes after Pediatric TBI Dr. Laura Blackwell (USA)
12:00 – 12:15	Cervical Injuries in Limited Resources Environments: How to Overcome Barriers for Advanced Management (COL)	Effects of Prolonged Sedation on Recovery after Pediatric Traumatic Brain Injury Dr. Courtney Robertson (USA)
12:15 – 12:30	Q&A Session	Q&A Session
12:30 – 13:45	LUNCH SEMINAR Spine Moderators Dr. Wilco Peul (NET) · Dr. Andreas Demetriades (UK)	LUNCH SEMINAR Neurotrauma Updates Moderators Dr. Amaya Alvarez (SAL) · Dr. Eder Cáceres (COL)
12:30 – 12:45	WFNS Spine Committee Guidelines for SCI Dr. Oscar Alves (POR)	WFNS Recommendations for the Use of Ventriculostomy in TBI Patients Dr. Ahmed El Fiki (EGY)
12:45 – 13:00	Traumatic Spinal Cord Injury in Severely Injured Patients Dr. Nader Hejrati (SWI)	Current Strategies for Neurorehabilitation in TBI Dr. Juan C. Arango–Lasprilla (SPA)
13:00 – 13:15	Complex Sacral Fractures: Surgical Complications and Clinical Outcomes Dr. Alfonso Lagares (SPA)	Post-Traumatic Hydrocephalus Mechanisms, Predictors and Management Strategies Dr. Bruno Splavski (CRO)
13:15 – 13:30	Current Strategies for Neurorehabilitation in SCI Patients Dr. Juan C. Arango–Lasprilla (SPA)	Brain - Heart - Lung - Gut Interaction in Mechanical Ventilation of TBI Patients Dr. Mario Canitrot (CHL)

Wednesday, October 28, 2026		
TIME	ROOM 1	ROOM 2
13:30 – 13:45	Q&A Session	Q&A Session
13:45 – 14:45	PLENARY SESSION Advancing TBI Sciences from Different Angles Moderators Dr. Wilco Peul (NET) · Dr. Shahzad Shamin (PAK)	
13:45 – 14:00	Traumatic Brain Injury on the ICU: What Registry Data Reveal About a Changing Patient Population Dr. Andreas Unterberg (GER)	
14:00 – 14:15	The Second Opinion in-Silico: AI Across the TBI Pathway Dr. Ali Alawieh (USA)	
14:15 – 14:30	Recent Pathophysiological Mechanisms in Chronic Traumatic Encephalopathy Dr. Niklas Marklund (SWE)	
14:30 – 14:45	Q&A Session	Q&A Session
14:45 – 15:00	☕ Coffee Break and Room Preparation	
15:00 – 16:30	CLINICAL TBI ABSTRACT SESSION Moderators Dr. Lynne Lucena (PHI) · Dr. Bruno Splavsky (CRO)	CLINICAL TBI ABSTRACT SESSION Moderators Dr. Jorge Carrizosa (COL) · Dr. Daniel Godoy (ARG)
15:00 – 15:10	Feasibility and Preliminary Clinical Assessment of the BOOTStraP Resource-Stratified Protocol for Severe Traumatic Brain Injury Across Four Phases of Care: A Colombian Multicenter Pilot Study Andrés Rubiano (COL)	Carotid siphon as an alternative acoustic window for the assessment of intracranial dynamics Oswaldo Bolaños (ECU)
15:10 – 15:20	The Scandinavian Neurotrauma Committee 2026 Guidelines for Initial Management of Minimal, Mild and Moderate Head Injuries in Adults: An Evidence and Consensus-based Update Eric Thelin (SWE)	Impact of Sedative and Vasopressor Agents on Artifact Incidence in Cerebral Pressure and Oximetry Signals following Traumatic Brain Injury: An Exploratory Analysis Tobias Bergmann (CAN)
15:20 – 15:30	Clinical Recovery Trajectories and Follow-up Healthcare Utilization in Traumatic Brain Injury Patients with Glasgow Coma Scale 13-15 Based Upon Computerized Tomography and Elevated Blood Biomarkers: A TRACK-TBI Study Shawn Eagle (USA)	Multi-Lobar Prediction of Hemoglobin-Derived Cerebral Autoregulation using Time-Series Models Amaniyot Singh (CAN)
15:30 – 15:40	Defining Bellwether Procedures and Bellwether Centers in Neurosurgery: An International Modified Delphi Consensus Study Protocol Robson Amorim (BRA)	A Quantitative Characterization of Device Disconnections in High-Frequency Physiologic Signal Monitoring Following Traumatic Brain Injury: An Exploratory Analysis Tobias Bergmann (CAN)
15:40 – 15:50	Effect of hyperoxemia on outcomes in traumatic brain injury: A systematic review and meta-analysis Francois Mathieu (CAN)	The prime protocol: a multimodal brain ultrasound approach to non-invasive neuromonitoring Fernando Rosemberg (ECU)
15:50 – 16:00	Effects of Transcranial Direct Current Stimulation (tDCS) and Cognitive Training in Patients with Moderate and Severe Traumatic Brain Injury (TBI): A Double-Blind, Randomized, Placebo-Controlled Study Vanessa Paglioni (BRA)	The Impact of Decompressive Craniectomy on Artifact Incidence in High-Frequency Cerebral Pressure and Oximetry Signals following Traumatic Brain Injury: An Exploratory Analysis Tobias Bergmann (CAN)
16:00 – 16:10	Real-Time GFAP/UCH-L1 Biomarker Disclosure Reduces Radiation Exposure in Mild Traumatic Brain Injury Ariana Chacon (USA)	Salivary Biomarkers for the Diagnosis of Mild Traumatic Brain Injury: A Scoping Review Mariana Da Silva Freitas (BRA)

Wednesday, October 28, 2026

TIME	ROOM 1	ROOM 2
16:10 – 16:20	Admission Inflammatory Indices and Their Association with Clinical and Radiological Severity and Functional Outcome in Traumatic Brain Injury: A Multicenter Retrospective Cohort Study Oswaldo Bolaños (ECU)	Provider Education and Real-Time Blood Biomarker Results Reduce Computed Tomography Use in Mild Traumatic Brain Injury: The BRAIN-CT Randomized Clinical Trial Ali Alawieh (USA)
16:20 – 16:30	Diagnostic accuracy of ultrasonographic optic nerve sheath diameter compared with invasive monitoring for intracranial hypertension in traumatic brain injury: a systematic review and meta-analysis Carlos Castilla (COL)	Clinical characteristics and evolution of patients with early bilateral decompressive craniectomy after severe TBI. A series of 13 cases Adrian Zapata (COL)
16:30 – 18:00	PARALLEL SESSION Neurotrauma Moderators Dr. Fabian Montoya (COL) · Dr. Luigi Berra (ITA)	PARALLEL SESSION Neurotrauma Moderators Dr. Colette Griffin (UK) · Dr. Robson Amorim (BRA)
16:30 – 16:45	The CBI-M Framework for Categorization of TBI Dr. Ramón Díaz-Arrastia (USA)	Early Consciousness Recovery in Comatose Patients with Traumatic Brain Injury Dr. Ayham Alkhachroum (USA)
16:45 – 17:00	The LUND Concept for Managing TBI: An Update to 2026 Dr. Niklas Marklund (SWE)	The Role of Neuromodulation in TBI: Evidence from Clinical Studies Dr. Wellingson Paiva (BRA)
17:00 – 17:15	Neurotrauma: Landscape of Pakistan Dr. Shahzad Shamim (PAK)	Surgical Management of Open Cranial Vascular Injuries Dr. Fabian Montoya (COL)
17:15 – 17:30	The Role of Jugular Venous Oxygenation Measurements in TBI Patients Dr. Daniel Godoy (ARG)	Central Role of Pathological Microvascular Shunts in the Development of Intracranial Hypertension after TBI Dr. Denis Bragin (USA)
17:30 – 17:45	The Role of LABIC in The Advances of Neurotrauma Care in the LATAM Region Dr. Jorge Paranhos (BRA)	Hypertonic Lactate in TBI Dr. Sebastian Vásquez (COL)
17:45 – 18:00	Q&A Session	Q&A Session

Thursday, October 29, 2026		
TIME	ROOM 1	ROOM 2
7:00 – 7:30	Registration on Site	
7:30 – 8:30	BREAKFAST SYMPOSIUM Decision Making Process in Neurotrauma Care Moderators Dr. Wellingson Paiva (BRA) · Dr. Guoyi Gao (CHI)	BREAKFAST SYMPOSIUM Spinal Cord Injury Care Moderators Dr. Alfonso Lagares (SPA) · Dr. Andreas Demetriades (SCO)
7:30 – 7:45	Decision Making for Surgical Management of TBI Dr. Andrés M. Rubiano (COL)	Advances Towards Spinal Cord Injury Repair Dr. Eve Tsai (CAN)
7:45 – 8:00	Decision Making for Surgical Management of SCI Dr. Wilco Peul (NET)	Management of SCI in Less Resourced Areas Dr. Andreas Demetriades (SCO)
8:00 – 8:15	How to Define Shunt Surgery in Neurotrauma Patients Dr. Juan F. Ramón (COL)	Research Trends in SCI Neuromonitoring Dr. Rodrigo Kuromoto (BRA)
8:15 – 8:30	Q&A Session	Q&A Session
8:30 – 9:30	PLENARY SESSION Neurotrauma Research: Recent Advances Moderators Dr. Jennifer Muñoz (USA) · Dr. Soheila Karimi (CAN)	
8:30 – 8:45	Effects of TBI on hippocampal Neurogenesis Dr. Kathryn Saatman (USA)	
8:45 – 9:00	Multidisciplinary Cognitive Performance Optimization After Traumatic Brain injury and Anomalous Health Incidents Dr. David Brody (USA)	
9:00 – 9:15	Targeting RNA Translation in Traumatic Brain Injury Dr. Marangelie Criado-Marrero (USA)	
9:15 – 9:30	Improving the Translation of Stem Cells for Spinal Cord Injury Repair Dr. Eve Tsai (CAN)	
9:30 – 11:00	CLINICAL TBI ABSTRACT SESSION Moderators Dr. Oscar Alves (POR) · Dr. Shahzad Shamin (PAK)	NEUROTRAUMA ABSTRACT SESSION Moderators Dr. Juan Roa (COL) · Dr. David Adelson (USA)
9:30 – 9:40	☕ Coffee Break and Room Preparation	
9:40 – 9:50	Management of Chronic Subdural Hematomas: A Retrospective Study Comparing Two Surgical Techniques Adrian Zapata (COL)	Concurrent Toxoplasma gondii infection and neuroinflammation in traumatic brain injury patients in a referral hospital in Douala Cameroon Franklin Chu Buh (CMR)
9:50 – 10:00	To operate or not to operate? Determinants of neurosurgical decision-making in the acute phase of traumatic brain injury management: a systematic review Hugo Den Boogert (NET)	Multimodal MRI and Risk Stratification for Persisting Post-Concussive Symptoms in Pediatric Traumatic Brain Injury Emily Dennis (USA)
10:00 – 10:10	Mild Traumatic Brain Injury Is Not Always Mild: Clinical and Radiological Evidence of Significant Intracranial Injury Valeria Gonzalez Gómez (ECU)	Diagnostic Utility of Neuron-Specific Enolase in Pediatric Traumatic Brain Injury: A Scoping Review Juan P Soacha (COL)
10:10 – 10:20	Factors Associated with Absolute Contusion Expansion Following Traumatic Brain Injury: A Continuous Volumetric Analysis Jennifer Sebghati (SWE)	Characterization of Circulating Tau-proteins in Pediatric Traumatic Brain Injury and their Association with Severity and Neurologic Outcome Emily Nento (USA)

Thursday, October 29, 2026		
TIME	ROOM 1	ROOM 2
10:20 – 10:30	Radiological Yield of Repeat CT Differs by Clinical Trigger After CT-Positive Mild Traumatic Brain Injury Charles Tatter (SWE)	Temporal Dynamics of Serum IL-1β in Pediatric Traumatic Brain Injury Neelesh Pandey (USA)
10:30 – 10:40	Comparison of GFAP and UCH-L1 proteins with computed tomography in mild brain injury at hospital de Clínicas, Uruguay during 2024 Maria A. Pienovi (URU)	Spectrum of Neurosurgical Strategies in Pediatric Traumatic Brain Injury: A 10-Year Single-Center Experience Victor Moitinho Mariano (BRA)
10:40 – 10:50	Salivary S100B and Neurogranin Kinetics According to Functional Outcome After Moderate-to-Severe Traumatic Brain Injury Lilian C. Fernandes (BRA)	Severe Traumatic Brain Injury–Related Intracranial Pressure Effect (STRIPE) Study: An Individual Participant Data Meta-Analysis Protocol Thomas Van Essen (NET)
10:50 – 11:00	Comparative effectiveness of intracranial pressure-guided management in severe traumatic brain injury: a target trial emulation Inge Van Erp (NET)	Neurological Symptoms in Response to Big Wave Surfing: A Prospective Pilot Study of Concussive Events and Ocean Conditions Jibreel A Cader (USA)
11:00 – 12:30	PARALLEL SESSION Key Concepts in Neurotrauma Moderators Dr. Robson Amorim (BRA) · Dr. Andrew Reisner (USA)	PARALLEL SESSION Advances in Spinal Cord Injury Diagnosis and Treatment Moderators Dr. Oscar Alves (POR) · Dr. Rodrigo Kuromoto (BRA)
11:00 – 11:15	Concussion In Sports Dr. Peter Hutchinson (UK)	Extracellular Vesicle-Mediated Modulation of Neuropathic Pain After SCI Dr. Stanislava Jergova (USA)
11:15 – 11:30	TBI Care in High Altitude: Experience from Cusco - Perú Dr. Shugar Hinojoza (PER)	SCI in Hispanic Populations: Short- and Long-Term Outcomes and Implications for Rehabilitation Dr. Juan C. Arango (SPA)
11:30 – 11:45	Pupillometry as a Tool for Understanding TBI Severity Dr. Ana Gandolfi (BRA)	Restoration of Spinal Circuitry Through Stem Cell-Based and Pharmacological Therapies After Traumatic Spinal Cord Injury Dr. Soheila Karimi (CAN)
11:45 – 12:00	Social Determinants of Health in Neurotrauma: Lessons Learned from Scotland Dr. Andreas Demetriades (SCO)	Racial Disparities in Short and Long Term Psychosocial Outcomes in Minority Individuals after SCI Dr. Juan C. Arango (SPA)
12:00 – 12:15	No Magic Wand Required: Building a Traumatic Brain Injury Service Dr. Colette Griffin (UK)	Translating Research Advances to Clinical Care: Spinal Cord Tractography / DWI Dr. Eve Tsai (CAN)
12:15 – 12:30	Q&A Session	Q&A Session
12:30 – 13:45	LUNCH SEMINAR Biomarkers Moderators Dr. Jennifer Muñoz (USA) · Dr. Eftekhar Eftekharpour (CAN)	LUNCH SEMINAR Global Neurotrauma Moderators Dr. Colette Griffin (UK) · Dr. Mario Ganau (UK)
12:30 – 12:45	The Impact of Biomarker Research: The Experience of CEI Studies and Regional/Local Consensus and Protocols Dr. Jaime Marino (USA)	The UK Clinical Trial Portfolio Carole Turner (UK)
12:45 – 13:00	Effect of Real-Time Point-of-Care GFAP and UCH-L1 Biomarker Reporting on Head CT Utilization in Adults with Mild Traumatic Brain Injury: The BRAIN-CT Randomized Clinical Trial Dr. Ali Alawieh (USA)	The NIHR Global Health Research Group in Acquired Brain & Spine Injuries Dr. Jay Rav (UK)
13:00 – 13:15	Biomarker Profile in the Gut-Brain Axis Evaluation after TBI Dr. Eder Cáceres (COL)	Prediction Rule for Persisting Post Concussive Symptoms in Adolescents: The Care4Kids Study Dr. Christopher Giza (USA)

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TIME	ROOM 1	ROOM 2
13:15 – 13:30	Biomarker Informed Prediction of Neurosurgical Intervention in Pediatric Traumatic Brain Injury Dr. Andrew Reisner (USA)	Middle Meningeal Artery Embolization in TBI Dr. Corrado Iaccarino (ITA)
13:30 – 13:45	Q&A Session	Q&A Session
13:45 – 14:45	PLENARY SESSION Global Perspectives for SCI Care Moderators Dr. Oscar Alves (POR) · Dr. Michael Fehlings (CAN)	
13:45 – 14:00	Time is Spine Dr. Wilco Peul (NET)	
14:00 – 14:15	Spinal Injuries in Conflict Zones Dr. Ahmed El-Fiki (EGY)	
14:15 – 14:30	Resource Adapted Guidelines for Spinal Cord Injuries: The BOOTStrAP SCI Dr. Andreas Demetriades (SCO)	
14:30 – 14:45	Q&A Session	Q&A Session
14:45 – 15:00	 Coffee Break and Room Preparation	
15:00 – 16:30	CLINICAL TBI ABSTRACT SESSION Moderators Dr. Andreas Unterberg (GER) · Dr. Juan F. Ramón (COL)	NEUROTRAUMA ABSTRACT SESSION Moderators Dr. Daniel Godoy (ARG) · Dr. Kelia Santiago (BRA)
15:00 – 15:10	Vector analysis of ballistic trajectories on computed tomography angiography and clinical outcomes in civilian penetrating brain injury Carlos Castilla (COL)	Serum biomarkers in clinical decision-making for traumatic brain injury: First documented case in Mexico José E. Pablo-Gopar (MEX)
15:10 – 15:20	Ultrasound-based neuromonitoring with ultra-portable devices in severe traumatic brain injury: a 21st-century reality. Case series Ángel Sáenz V. (CHL)	Intracranial bleeding is secondary to Bothrops species snakebite: a case series Adrian Zapata (COL)
15:20 – 15:30	Assessing hidden consciousness in unresponsive patients based on covert tracking of visual stimuli: eye-tracking study Denis Bragin (USA)	Higher cognitive reserve is associated with better postoperative cognitive performance after chronic subdural hematoma surgery Gabriel Vieira (BRA)
15:30 – 15:40	Seizures after Traumatic Brain Injury: Incidence, Risk Factors and Outcomes in the CENTER-TBI Cohort Samuel Corper (NET)	Fatal Malignant Cerebral Edema Following Ultra-Delayed Cranioplasty: The Longest Documented Craniectomy-to-Reconstruction Interval Fabian Erazo (COL)
15:40 – 15:50	Improved Prognostic Accuracy by Combining the Glasgow Coma Scale with Marshall and Rotterdam CT Classifications in Moderate and Severe Traumatic Brain Injury Roberto Rodríguez-Díaz (ECU)	Pre-hospital care for neurotrauma in limited resource settings: the need to involve the local population and road users for better care and neurorehabilitation outcomes Franklin Chu-Buh (CMR)
15:50 – 16:00	Why? Neurosurgical decision-making in the acute phase of Traumatic Brain Injury: A Center-TBI analysis Hugo den Boogert (NET)	Iceberg-Type Skull Fracture: A New Type of Fracture? Alvaro Soto (COL)
16:00 – 16:10	Neurological Outcomes and Prognostic Factors in Traumatic Acute Subdural Hematoma: A Retrospective Study from a Colombian Public Hospital Christian Rincón Carreño (COL)	Subarachnoid space enlargement during chronic subdural hematoma drainage: a technical note José E. Pablo-Gopar (MEX)

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TIME	ROOM 1	ROOM 2
16:10 – 16:20	Community integration after acute hospital care for moderate and severe traumatic brain injury patients in a Sub-Saharan African Hospital Setting Franklin Chu Buh (CMR)	An Interactive Website for The Display of Neurophysiologic Data, Providing Caregivers with Instant Access to High-Quality Graphs for Clinical Decision-Making and Equipment Diagnostics Mark Krasberg (USA)
16:20 – 16:30	Mid-Life Brain Health in Former Elite Football Players Caleigh Lynch (UK)	Ultrasound neuromonitoring with ultra-portable equipment in severe TBI: a 21st-century reality. Case series Ángel Sáenz V. (CHL)
16:30 – 18:00	PARALLEL SESSION Neurotrauma Moderators Dr. Oscar Escobar (COL) · Dr. Amaya Álvarez (SAL)	PARALLEL SESSION Pediatric Neurotrauma Moderators Dr. Grace Lai (USA) · Dr. Andrew Reisner (USA)
16:30 – 16:45	Functional and Psychosocial outcomes after Traumatic brain injury: the role of race and ethnicity Dr. Juan C. Arango (SPA)	Abusive Head Trauma: Underrecognized, Understudied, and Unforgiving Dr. Bunmi Farikyike (USA)
16:45 – 17:00	The role of brain-liver-gut Axis in TBI Dr. Xiang Mao (CHI)	Update on Penetrating Guidelines and Pediatric Neurotrauma Dr. David Adelson (USA)
17:00 – 17:30	Award Ceremony	
17:30 – 18:00	Closing Ceremony	



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