



4TH EANS TRAUMA AND CRITICAL CARE UPDATE MEETING



THE EUROPEAN ASSOCIATION
OF NEUROSURGICAL SOCIETIES

February 21 to 23, 2024 MADRID Venue: Hospital 12 de Octubre

EANS Trauma Section Crash Course

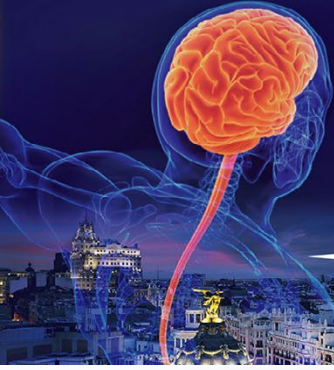
Wednesday 21 February 2024

Aim:

The aim of this crash course is to update you on the essentials and current management of neurotrauma, brought to you by the leading neurosurgeons in the field.

Programme

	FEBRUARY 21st
07:45	REGISTRATION
08:00-09:00	CURRENT GUIDELINES & "TREATMENT" TBI <ul style="list-style-type: none">• 08:00-08:10 Mild - Niklas Marklund• 08:10-08:20 Severe - Elham Rostami• 08:20-08:30 Pediatric - Claudia Faria• 08:30-08:40 TBI & Polytrauma - Laura Lippa
08:50-09:50	ACUTE TBI SURGERIES <p><i>Indications, key steps (how I do it?)</i></p> <ul style="list-style-type: none">• 08:50-09:00 Hemi- & bifrontal craniectomy, primary/secondary craniectomy - Peter Hutchinson• 09:00-09:10 Acute surgery in Pediatric, indications and how to do it - Aurelia Peraud• 09:10-09:20 Contusions - Elham Rostami• 09:20-09:30 Acute subdural hematoma - Thomas van Essen• 09:30 - 09:40 Practical management of blood thinners before and after TBI surgery - Maegele koln
09:50-10:20	Coffe Break
10:20-11:00	NEUROMONITORING AFTER TBI <p><i>What do they tell you? When to act? How to act?</i></p> <ul style="list-style-type: none">• 10:20-10:40 Intracranial pressure, Cerebral perfusion pressure and Prx - Bart Depreitere• 10:40-10:50 Brain tissue pO₂- and Mikrodialysis - Andreas Unterberg



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11:00-12:00	PITFALLS AND COMPLICATIONS IN TBI MANAGEMENT <ul style="list-style-type: none">• 11:00-11:10 CSF leakage (<i>Cause and Management</i>) - Teemu Luoto• 11:10-11:20 Elderly population (Changing epidemiology, adaptation of treatment?) - Alfonso Lagares• 11:20 -11:30 Salt & sugar in NICU and TBI - Nicole Terpolilli• 11:30-11:40 Seizures and their prophylaxis - Ana María Castaño León• 11:40-11:50 Complications of TBI - Alexander Younsi
12:00-12:30	OUTCOME AFTER TBI <ul style="list-style-type: none">• 12:00-12:10 What are the key predictors? What is after IMPACT calculator? - Andrew Maas• 12:10-12:20 Cranioplasty following TBI - Jussi Posti• 12:20-12:30 Rehabilitation & long-term outcome - Bart Depreitere
12:30-13:00	SPINAL CORD INJURY <ul style="list-style-type: none">• 12:30-12:40 How to assess Spinal trauma - Bart Depreitere• 12:40-12:50 Current guidelines, including surgery & timing (Indications, key steps) - Wilco Peul• 12:50-13:00 NICU management - Marios Papadopoulos
13:00-13:30	<ul style="list-style-type: none">• 13:00-13:10 Update on ongoing clinical trials in TBI - Peter Hutchinson• 13:10-13:30 Expert session
15:00	PRACTICAL SESSIONS



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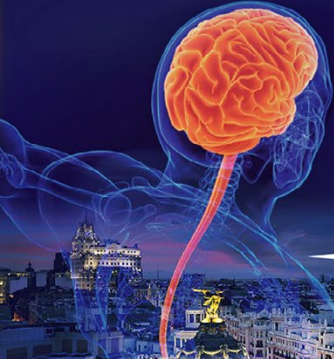
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EANS Trauma and Critical Care Update Madrid Meeting

Thursday 22 and Friday 23 February 2024

Programme

	FEBRUARY 22nd	FEBRUARY 23rd
08:30	REGISTRATION	
09:00-11:00	<p>SESSION 1: PEDIATRIC TBI CHAIR: Pablo M Munarriz, Aurelia Peraud</p> <ul style="list-style-type: none"> 09:00-09:20 Differences between children and adults in severe TBI management - Thomas Kapapa 09:20-09:40 Biomarkers in pediatric TBI. - Thomas Kapapa 09:40-10:00 Management algorithms - Pablo M. Munarriz 10:00-10:20 Decompressive craniectomy - Aurelia Peraud 10:20-10:40 Physiological targets in pediatric severe TBI - Milly Lo 10:40-11:00 Mild TBI in pediatric population: management and consequences - Fleur Lorton 	<p>SESSION 1: ELDERLY TBI CHAIR: Bart Depreitere, Ana María Castaño</p> <ul style="list-style-type: none"> 09:00-09:20 Final results elderly TBI consensus - Alfonso Lagares 09:20-09:40 Surgery for acute traumatic lesion - Teemu Luoto 09:40-10:00 Restart antithrombotic - Bart Depreitere 10:00-10:20 Chronic subdural hematoma: corticosteroids - Ifti Hossain 10:20-10:40 Chronic subdural hematoma: middle meningeal artery embolization - I. Arrese 10:40-11:00 Outcome measures or Mild TBI in the elderly: management-consequences - Blanca Navarro
11:00-11:30	Coffee break	Coffee break
11:30-12:00	OFFICIAL OPENING	
12:00-13:30	<p>SESSION 2: BASIC RESEARCH CHAIR: Niklas Marklund, Andras Buki</p> <ul style="list-style-type: none"> 12:00-12:15 Vascular reactivity - Peter Toth 12:15-12:30 Rehabilitation and advanced imaging - Jolien Gooijers 12:30-12:45 Omics - Jussi Posti 12:45-13:00 White matter Injury in TBI - Niklas Marklund 13:00-13:15 Gliolymphatic system - Mª Antonia Poca 13:15-13:30 MicroRNA - Antonio Belli 	<p>SESSION 2: BLUNT CEREBROVASCULAR INJURY CHAIR: José F Alen, Laura Lippa</p> <ul style="list-style-type: none"> 11:30-11:50 Prehospital management of TBI patients - J Barea 11:50-12:10 Prevalence, Screening of Blunt cerebrovascular injury - Ana María Castaño 12:10-12:30 Medical Treatment of Blunt cerebrovascular injury - Robin Lemmens 12:30-12:50 Endovascular treatment of Blunt cerebrovascular injury 12:50-13:10 Systematic review of Blunt cerebrovascular injury - Anne-Katrin Hickmann 13:10-13:30 Clinical cases



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13:30-14:30	Lunch break	Lunch break
14:30-16:30	<p>SESSION 3: SPINAL CORD INJURY CHAIR: Parmenion Tsitsopoulos, Igor Paredes</p> <ul style="list-style-type: none"> 14:30-14:50 Timing of surgery - Florian Ringel 14:50-15:10 Decompress or fusion? - Mark Kotter 15:10-15:30 Basis for Intraspinial monitoring - Mario Papadopoulos 15:30-15:50 Electrical stimulation of the spinal cord restores motor and autonomic function after severe spinal cord injury - Robin Demesmaeker 15:50-16:10 Regenerative strategies - Alexander Younsi 16:10-16:30 Clinical trials update - Parmenion Tsitsopoulos 	<p>SESSION 3: ICU MONITORING CHAIR: J.A Llompart, Mario Chico</p> <ul style="list-style-type: none"> 14:30-14:50 Autoregulation monitoring and PRx; where are we? - Marcel Aries 14:50-15:10 Advanced technologies for neuromonitoring - Bart Depreitere 15:10-15:30 Cerebral blood flow - Elham Rostami 15:30-15:50 ICP after BEST TRIP - J.A Llompart 15:50-16:10 PtiO2 - Jean François Payen
16:30-17:00	Coffee break	Coffee break
17:00-19:00	<p>SESSION 4: SURGICAL MANAGENT OF TRAUMATIC LESIONS CHAIR: Alfonso Lagares, Teemu Luoto</p> <ul style="list-style-type: none"> 17:00-17:20 ASDH before rescue ASDH - Ana María Castaño 17:20-17:40 RESCUE ASDH - Angelos Kolias 17:40-18:00 Contusions - Elham Rostami 18:00-18:20 Decision making and surgical techniques in decompressive craniectomy - Peter Hutchinson 18:20-18:40 Decompressive craniectomy: pragmatic approach - R. Vreeburg 	<p>SESSION 4: NEW STRATEGIES IN TBI RESEARCH CHAIR: Alfonso Lagares, Elham Rostami</p> <ul style="list-style-type: none"> 17:00-17:20 Prognostication tools - Elham Rostami 17:20-17:40 Federated analysis - Javier de la Cruz 17:40-18:00 Research with Industry: An example from BRAINI projects - Vlad Pavlov&Odile Mejan 18:00-18:20 Digital biomarkers - Alexander Younsi



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