

 **WORKSHOP**

TRAUMATIC BRAIN INJURY


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 Waleed Yousef




 Lucie Young



 Susan Yeager

 **31** JANUARY
2025

 08:00 AM
14:00 PM

 GRAND
HYATT HOTEL

 **5** CME
POINTS

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WORKSHOP | TRAUMATIC BRAIN INJURY

OBJECTIVES:

1. Understand the epidemiology, mechanisms, and initial assessment protocols for severe TBI.
2. Explore updated medical and surgical management strategies for intracranial hypertension, anticoagulation reversal, and seizure prophylaxis.
3. Gain knowledge about advanced neuromonitoring tools, including ICP waveforms, PbtO₂, and cerebral metabolism.
4. Examine pediatric neurotrauma management considerations and their distinct protocols.
5. Discuss advancements in neuro recovery, prognostication, and ICU rehabilitation.

TARGET AUDIENCE:

1. Physicians (neurologists, intensivists, neurosurgeons, and emergency physicians)
2. Pharmacists involved in critical care or neurology
3. Nurses specializing in ICU or neurotrauma care
4. Rehabilitation specialists and allied health professionals
5. Trainees and students in neuroscience and critical care

WORKSHOP OUTCOMES:

By the end of the workshop, participants will be able to:

1. Assess and prioritize interventions in the acute phase of TBI.
2. Apply evidence-based medical strategies for managing intracranial hypertension and mitigating secondary injuries.
3. Incorporate advanced neuromonitoring techniques into clinical practice.
4. Recognize unique pediatric neurotrauma management strategies.
5. Understand and utilize new tools for neuro recovery, prognostication, and ICU rehabilitation.
6. Contribute to drafting effective and updated TBI management guidelines.

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1-3 FEBRUARY
2025
KUWAIT CITY

PRE CONFERENCE
WORKSHOP
30 - 31 JANUARY

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WORKSHOP TIMETABLE

08:00-08:20	Introduction and pre-test	
08:20-08:35	Epidemiology and initial assessment 1. General stats 2. Mechanisms of TBI 3. Common theme to approach acute neurological diseases	Saef Izzy
08:35-08:50	TBIs in Kuwait: What it looks like from a ground level 1. Demographic of moderate – severe TBI in Kuwait 2. The journey of TBI patients in Kuwait	Saud Al Zaid
08:50-09:50	Medical management	
08:50-09:20	Management of intracranial hypertension 1. Role of hyperosmolar therapy/ sedation/ paralytics/ hypothermia 2. Interactive case and questions	Michael Diringer
09:20-09:50	Pharmacist Updates in medical management 1. Reversal of anticoagulation in the ED/ICU 2. ICU agitation and sympathetic storming 3. Timing of prophylactic DVT prophylaxis 4. Seizure prophylaxis, indication, and duration 5. Interactive cases and questions	TBD
09:50-10:30	Advanced Neuromonitoring 1. ICP- wave forms concepts, literature on elevated ICP thresholds 2. PbtO2 and cerebral metabolism monitoring 3. EEG monitoring 4. Interactive cases and questions	Fabio Taccone
10:30-11:00	Management considerations for pediatric neurotrauma 1. Management updates 2. Interactive cases and questions	Jennifer C. Munoz Pareja, Alya Hasan and Eiman Al-Hashemi
11:00-11:30	Surgical interventions 1. Indication and timing of surgical management 2. Interactive cases and questions	Ghusn Al Sideiri
11:30-11:40	Coffee break	
11:40-12:00	Nursing experience in the acute management of TBI	Susan Yeager
12:00-12:30	Drafting TBI guidelines: All faculty including Saud Al-Zaid, Waleed Yousef, Alya Hasan, Eiman Al-Hashemi and Lucie Young	
12:30-13:00	Advancements in neuro prognostication 1. New neuroimaging discoveries 2. New recovery of consciousness tools	Ayham Alkhachroum
13:00- 13:30	Neuro recovery- new innovations 1. ICU rehab techniques- new literature 2. Need for neuro recovery clinic - US experience	Saef Izzy
13:30- 14:00	Post test - Q&A	