



THE EUROPEAN ASSOCIATION  
OF NEUROSURGICAL SOCIETIES

# MULTIMONITORING IN TBI: FROM THEORY TO PRACTICE

## Preliminary Programme

### THURSDAY 8th JUNE 2023

13:00 - 13:05	<b>Welcome</b> Raúl Echeverri, Laura Lippa & Manuel Quintana
13:05 - 13:20	Introduction and pathophysiology Itziar Pozuelo
13:20 - 13:40	Invasive monitoring I: intracranial pressure & external ventricular drain Stanislav Koprovoy & Lilli Matheus
13:40 - 14:00	Invasive monitoring II: brain metabolism, tPO <sub>2</sub> & microdialysis Milan Lepic & Maria Soledad Arellano ICP catheterization in 3D anatomic models Raúl Echeverri
14:00 - 16:00 Practical Approach	Non – Invasive monitoring I Kapil Nanwani Non – Invasive monitoring II Alejandro Robles
16:00 - 16:20	<i>Coffee Break</i>
16:20 - 17:00	Clinical scenarios and decision making in groups Laura Lippa, Kapil Nanwani, Andrés Saravia, Claudia Díaz
17:00 - 17:30	Final remarks and conclusions Raúl Echeverri, Laura Lippa & Manuel Quintana

For the practice the 20 participants will be divided into 4 groups of 5 people.  
4 catheter placement stations and 4 non-invasive monitoring stations with optic nerve ultrasound will be done simultaneously.