

Pre-Meeting Courses & Workshops

Thursday 28.05.26

| Time | Title | |
|-------|--------------|--|
| 10:00 | Registration | |

Basic Skills in Neurosurgical Management of Trauma (25 participants)

| Time | Title | Chair/Speaker |
|--------------------|---|---------------|
| | Orientation & safety briefing | |
| 10:30-10:40 | Welcome, course goals & logistics (workshop format) | Lepić |
| 10:40-10:50 | Workshop briefing: stations, checklists, and learning objectives | Belo |
| 10:50-11:00 | Move to skills stations / group allocation | |
| 11:00-15:00 | Hands-on Skills Workshop (Participants rotate at ~45min with short transitions) | |
| Station 1 | Trauma craniotomy drills - burr holes, craniotomy, EDH/acute SDH evacuation | |
| Station 2 | Dural repair & traumatic CSF leak closure — grafts, sealants, techniques (consider expanding duraplasty technique?) | |
| Station 3 | Spinal trauma fixation - cervical stabilization + thoracolumbar fracture constructs (simulation) | |
| Station 4 | Microsurgical vascular and nerve repair | |
| Station 5 | Preoperative planning using XR | |
| | Interactive simulations | |
| 15:00-15:15 | Interactive simulation: severe TBI escalation (ICP crisis → OR → ICU) | Jadoon |
| 15:15-15:30 | Interactive simulation: cervical fracture/dislocation in polytrauma (timing & priorities) | Castro |
| 15:30-15:45 | Interactive simulation: brachial plexus injury in RTA | Savić |
| 15:45-16:00 | <i>Courses Conclusion</i> | Lepić |

Multimodal monitoring in TBI (15 participants)

| Time | Title | Chair/Speaker |
|--------------------|--|---------------|
| 11:00-11:15 | Welcome, Introduction and pathophysiology | Lippa |
| 11:15-11:30 | Non-invasive monitoring | Gaibino |
| 11:30-11:45 | ICP & EVD | Lourenço |
| 11:45-12:00 | Invasive monitoring for brain metabolism, tPO2 & microdialysis | Luglietto |
| 12:00-15:00 | Hands-on Skills Workshop | |
| Station 1 | EVD/ICP monitoring - setup, waveforms, troubleshooting | |
| Station 2 | Advanced invasive monitoring - setup, waveforms, troubleshooting | |
| Station 3 | Non-invasive monitoring (US...) | |
| | Joins Interactive simulations | |

Endoscopic spine surgery (10 participants)

| Time | Title | Chair/Speaker |
|--------------------|---|---------------|
| 10:30-10:40 | Welcome | Belo |
| 10:40-10:50 | Workshop briefing: stations and learning objectives | |
| 10:50-11:00 | Move to skills stations / group allocation | |
| 12:00-15:00 | Hands-on Skills Workshop | |
| Station 1 | Lumbar Interlaminar approach | |
| Station 2 | Lumbar Transforaminal approach | |
| Station 3 | Cervical | |
| Station 4 | Biportal | |
| | Joins Interactive simulations | |