ICM+ Workshop Hands-on sessions: main topics

- ➢ **Device connectivity**: how to connect ICM+ to my devices and patient monitors
    - Cabling
    - installing of drivers
    - general theory on device connectivity with practical examples
- ➢ **Data collection**
    - ICM+ profile
        - understanding the profile
        - how to configure data collection within ICM+
        - How to generate calculated parameters
        - General plotting in ICM+
    - Configuring devices to allow for data export
    - Efficient equipment layout for data collection in a busy hospital unit
- ➢ How to study **CSF-dynamics**
    - Infusion tests (lumbar and reservoir studies…it is not only Rout!)
    - Overnight monitoring: when to use and how to analyze
    - Practical tools to solve complex clinical cases on hydrocephalus
- ➢ **TCD**: not just quick cerebral blood flow assessment
    - ICM+ and continuous TCD monitoring: autoregulation indexes, optimal ABP, CO2 reactivity
    - What is my patient's critical closing pressure?
    - Assessment of non-invasive ICP (children, traumatic brain injury, metabolic coma, …)
- ➢ **ICP not only a number**
    - Waveform analysis
    - Pulsatility and compensatory reserve
- ➢ How to access **Cerebral Autoregulation** in Neuro Critical Care
    - PRx and other CA indexes
    - CPPopt definition and possible applications, other CA indexes, Static autoregulation tests made simple (leg cuff …)
- ➢ **Multimodal monitoring**
    - What is it?
    - How ICM+ can help you to use the MM
- ➢ ICM+ is **not only a software for brain** monitoring
    - BRS sensitivity
    - Autonomic system features
    - Assessment of entropy and complexity
    - Cardiac output
- ➢ **Advanced ICM+** Features
    - Importing of data,
    - batch analysis
    - Script Lab
    - Artifact mark-up
    - Projects
- ➢ ICM+ as a bridge between the **research laboratory** and the bedside