



Curriculum for Brno EANS hands-on courses:

Anatomy	Craniometric landmarks Cortical surface anatomy Cortikal landmarks on MRI White matter tracts Eloquence (Monitoring, Mapping, and Awake surgery for motor-, sensory and speech function)
Surgical planning	Patient positioning Planning approach without neuronavigation Neuronavigation systems
Surgical equipment	Master 3-pin head clamps High-speed drill systems Endoscopic systems Master frameless biopsy systems Proper microscope (balancing – adjusting)
Surgical approaches	Master basic cranial approaches: <u>Frameless biopsy</u> <u>Frontal approaches</u> Pterional one- and two layers (incl. opening of dura, Sylvian fissure dissection and anatomy etc) Bifrontal approach (incl. obliteration of frontal sinus, dealing with SSS, opening of dura, identify and dissect n. olfactorius, A2-A4 branches of fissura interhemispherica) Parietal craniotomy (incl. surface anatomy, superficial veins, distal artery branches) Decompressive craniectomy <u>Posterior approaches</u> Suboccipital midline approach Retrosigmoid craniectomi