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:  
|                              | Frameless biopsy  

**Frontal approaches**  
**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**  

**Posterior approaches**  
**Suboccipital midline approach**  
**Retrosigmoid craniectomy**