

Second course

Subfrontal medial approaches

Programm v.1

Day 1

Trans-sphenoidal Approach

- Welcome and introduction
- Endoscopic anatomy of the trans-sphenoidal approach.
- Imaging: the expert interpretation.
- Basic instruments in endoscopic skull base surgery and set up.
- How I do it (technical notes): Positioning - mucoseptal flaps - access to the maxillary sinus - pituitary surgery.

3hours

- Cadaver hands-on

3 hours

Day 2

Transplanum, Transcribriform & Transclival routes

Part 1

Transplanum and transcribriform approaches

- Endoscopic anatomy of the transplanum, transcribriform and transclival approaches
- Imaging: the expert interpretation.
- How I do it (technical notes): Anterior and posterior ethmoidectomy - transplanum/trans-tuberculum opening - orbital apex decompression - frontal sinusotomy - transcribriform opening.

2 hours

- Cadaver hands-on

2 hours

Part 2

Transclival approach

- Imaging: the expert interpretation.
- How I do it (technical notes): Clival window - odontoidectomy - identification and management of arterial vessels (pterygopalatine, ethmoidal, etc)
- Flaps and closure techniques.
- Case discussion. Indications & limitation.

2 hours

- Cadaver hands-on

2 hours

Day 3

Cavernous Sinus, Meckel's cave & Transpterygoid Approach

- Endoscopic anatomy lateral to the cavernous carotid artery.
- Imaging: the expert interpretation.
 - How I do it (technical note): Exposure of the pterygopalatine fossa - identification of the vidian/pterygoid canal and V2 - identification of foramen lacerum - approach to Meckel's cave
- Case discussion. Indications & limitations.

3 hours

- Cadaver hands-on

3 hours