

# Subfrontal medial approaches

10-11-12 MAY 2019

**Course Director: Prof. Cappabianca Paolo MD**

**Faculty:** Alessandrini Franco, MD, Prof. Bertossi Dario MD, Prof. Cappabianca Paolo MD, Prof. Cavallo Luigi Maria MD, Ciceri Elisa Francesca Maria MD, Prof. D'Agostino Antonio MD, Prof. Marchioni Daniele MD, Prof. Mazzatenta Diego MD, Pasquini Ernesto MD, Prof. Sbarbati Andrea MD, Prof. Solari Domenico MD

## 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