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3DNEUROANATOMY

ORBIT, ANTERIOR & MIDDLE SKULL BASE:
ENDOSCOPIC & MICROSCOPIC APPROACHES

28th February - 2nd March 2019

ALICANTE (SPAIN)

THURSDAY 28th

7:45-8:00 Welcome

8:00-8:30 Orbit, anterior and middle fossae. Redefining the surgical routes

8:30-9:00 Anterior fossa bone anatomy and intrinsic boundaries.

9:00-9:30 Anterior fossa transcranial routes.

9:30-10:00 A step-by-step guide for a successful Pterional approach

Coffee break

10:30-11:00 Vascular lesions of the anterior circulation.

11:00-11:30 Orbit anatomy and surgical approaches.

11:30-12:00 The nasal cavity as a corridor to the anterior fossa and orbit. Anatomic landmarks.

12:00-12:30 Expanded endonasal endoscopic anatomy of the anterior cranial fossa.

12:30-13:00 Expanded endonasal endoscopic anatomy of the orbit.

LABORATORY STATIONS / 15:00-18:30

- Hands-on session: endoscopic endonasal anatomy to the anterior and lateral skull base. 90 min.

- Breakout session. The case for discussion. 90min.

FRIDAY 1st

8:00-8:30 The sellar and parasellar region anatomical limits and neurovascular structures .

8:30-9:00 The transcranial microscopic corridors to the sellar and parasellar regions.

9:00-09:30 Basic concepts in endonasal endoscopic transsphenoidal surgery to the sellar and parasellar region.

9:30-10:00 Anatomical variations in sellar & parasellar regions. How does it affect to our planning?

Coffee break

10:30-11:00 Surgical treatment of pituitary adenomas. Where to approach through?

11:00-11:30 Endoscopic giant pituitary adenomas: how to stay out of troubles

11:30-12:00 Surgical treatment of sellar / parasellar meningiomas

12:00-12:30 Endoscopic management of craniopharyngiomas

12:30-13:00 Microsurgical management of craniopharyngiomas

LABORATORY STATIONS / 15:00-18:30

- Live endoscopic dissection: endoscopic endonasal approach to the sellar and parasellar regions.. 90 min.

- Hands-on session: microscopic anatomy of the orbit and surgical routes. 90 min.

SATURDAY 2nd

8:00-8:30 The Superior Orbital Fissure. A window between the orbit, middle and anterior fossae.

8:30-9:00 Cavernous sinus anatomy: endonasal-endoscopic and transcranial-microscopic correlation .

9:00-9:30 Cavernous sinus from a surgical perspective.

9:30-10:00 Expanded endonasal approaches to the cavernous sinus. Classification of tumor invasion

Coffee break

10:30-11:00 Intracranial carotid artery and the relationship with the pterygopalatine, infratemporal and middle fossa. Kassam's areas

11:00-11:30 Pre-, Subtemporal, and Transpetrous bone routes to the middle and infratemporal fossae.

11:30-12:00 The anterior transpetrosal approach. Anatomy and surgery

12:00-13:00 Optimally invasive skull base surgery: lowering concepts to the earth

13:00-13:30 Closure