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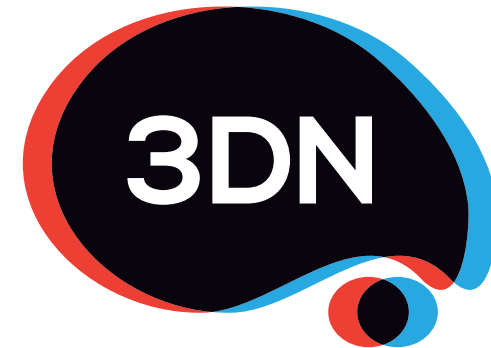
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3DNEUROANATOMY

ANTERIOR AND MIDDLE SKULL BASE
ENDOSCOPIC AND MICROSCOPIC
APPROACHES

28th-30th April 2016
ALICANTE (SPAIN)

THURSDAY 28th

MORNING - 3D THEATER

- 7.45–8.00 Welcome
- 8.00–8.30 **Stereoscopic 3D study in Neuroanatomy** (J. Abarca)
- 8.30–9.00 **Orbit, anterior and middle fossae. Redefining the surgical routes** (P. González)
- 9.00–9.30 **Anterior fossa bone anatomy and intrinsic boundaries** (D. Mato)
- 9.30–10.00 **Anterior fossa transcranial routes** (V. Fernández)

Coffee break

- 10.30–11.15 **Orbit lesions and examination** (J. Mondéjar)
- 11.15–12.00 **Orbit anatomy and surgical approaches** (P. González)
- 12.00–12.45 **The nasal cavity as a corridor to the anterior fossa and orbit. Anatomic landmarks** (I. Monjas)
- 12.45–13.30 **Expanded endonasal endoscopic anatomy of the anterior cranial fossa and orbit. The limits of the transthemoidal approaches** (Ariel Kaen / Eugenio Cárdenas)

Lunch break

AFTERNOON - LABORATORY

- 15.00–18.30 **Endotrainer: first skills in endoscopic endonasal surgery** (45 min)
- 3D virtual planning for skull base surgery** (45 min)
- Live microscopic dissection: anterior fossa and orbit transcranial approaches** (45 min)

FRIDAY 29th

MORNING - 3D THEATER

- 8.00–8.30 **The sellar and parasellar region anatomical limits and neurovascular structures** (J. Abarca)
- 8.30–9.00 **The transcranial microscopic corridors to the sellar and parasellar regions** (V. Fernández)
- 9.00–9.30 **Basic concepts in endonasal endoscopic transsphenoidal surgery to the sellar and parasellar region: transellar, transtuberulum and transplanum** (Eugenio Cárdenas / Ariel Kaen)
- 9.30–10.00 **Endonasal approaches to the suprasellar and retrosellar cisterns** (A. Germanwala)

Coffee break

- 10.30–11.15 **Transcranial vs. endonasal routes for sellar and parasellar tumors. Taking surgical decisions** (J. Abarca)
- 11.15–12.00 **Surgical options in craniopharyngiomas** (M.A Arraez)
- 12.00–12.45 **Vascular lesions of the anterior circulation. Are the endoscopic routes ready as a valuable option?** (A. Germanwala)
- 12.45–13.30 **Endoscopic anatomy of the ICA. A limit in the coronal plane?** (J.A Simal)

Lunch break

AFTERNOON - LABORATORY

- 15.00–18.30 **Anatomical description and cases discussion for sellar and parasellar tumors** (45 min)

Middle, infratemporal and pterygopalatine fossae tumors: the case for discussion (45 min)

Live endoscopic dissection: endoscopic endonasal approach to the sellar and parasellar region (45 min)

SATURDAY 30th

- 8.30–9.00 **Cavernous sinus anatomy: endonasal-endoscopic and transcranial-microscopic correlation** (D. Mato)
- 9.00–9.30 **Surgical management for cavernous sinus lesions. Classical concepts** (N. Alshafai)
- 9.30–10.00 **Expanded endonasal approaches to the cavernous sinus. Classification of tumor invasion** (Eugenio Cárdenas / Ariel Kaen)

Coffee break

- 10.30–11.15 **Intracranial carotid artery and the relationship with the pterygopalatine, infratemporal and middle fossa. Kassam's areas** (Ariel Kaen / Eugenio Cárdenas)
- 11.15–12.00 **Surgical treatment of brainstem tumors: subtemporal anterior transpetrosal approach** (T. Santarius)
- 12.00–12.45 **The endoscopic endonasal extension in the coronal plane: the transpterygoid approaches** (J.A. Simal)

- 12.45–13.30 **CLOSURE**