

PROGRAMME

ADVANCED COURSE IN ENDOSCOPIC APPROACHES TO THE SKULL BASE

December 04th to 06th, 2017



Chairman

Henrique Prata

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Hospital de Câncer de Barretos

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Eduardo Vellutini

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Course Co-Directors

Carlos Clara

Renato Capuzzo

Hospital de Câncer de Barretos

OBJECTIVES

- Provide an in-depth view of the skull base endoscopic anatomy.
- Know a great variety of surgical procedures for the treatment of skull-base tumors for Neurosurgery, ENT and Head and Neck professionals.
- Evaluate surgical treatment indications for the skull base and discuss surgical strategies.
- Enable the real-time discussion between the specialists and the students.
- Practical course on nasosinusal endoscopic surgery through training on cadavers under the guidance of the experts.

EDUCATIONAL METHODS

- Interactive talks and debates with video sessions;
- Practical training on cadavers specially prepared for dissection.

FACULTY

Aldo STAMM (Brazil)

Carlos CLARA (Brazil)

Eduardo VELLUTINI (Brazil)

Leonardo BALSALOBRE (Brazil)

Luis Felipe ALENCASTRO (Brazil)

Marcos de Queiroz T. GOMES (Brazil)

Renato CAPUZZO (Brazil)

Ronaldo TOLEDO (Brazil)

Thomas FRIGERI (Brazil)

TRAINER

Camila Soares DASSI (Brazil)

Pedro Henrique P. da S. BECKER (Brazil)

DECEMBER 04th, 2017

Theoretical session

08:00 – Introduction

Renato Capuzzo–Carlos Clara

08:10 – Paranasal/skull-base anatomy and their practical applications

Aldo Stamm

08:40 - Paranasal sinus surgery

Leonardo Balsalobre

09:05 - Paranasal and skull-base bony anatomy - **3D (SALA DE TREINAMENTO)**

Thomas Frigeri

09:30 – Discussion

09:40 – 10:00 COFFEE BREAK

10:10 - Transoperative management, equipment and instrumentation in endoscopic skull-base surgery

Eduardo Vellutini

10:40 – Skull-base reconstruction (grafts, nasal flaps, dura mater substitutes, etc)

Leonardo Balsalobre

11:10 – Discussion

11:30 – 12:15 LUNCH

Lab Session

12:15 – 17:45 - Anatomical dissection (demonstration followed by dissection by the participants)

- Making the nasoseptal flap
- Uncinectomy, Maxillary Antrostomy, identification of the sphenopalatine artery, Ethmoidectomy, anterior and posterior Ethmoidal arteries, frontal sinus.
- Sphenoid sinus: sphenoidal plain, carotid canal, carotid-optical recess, clivus, lateral extension of the sphenoid sinus. Identifying the cavernous sinus medial walls.

17:45 – Bus shuttle IRCAD-Hotel.

DECEMBER 05th, 2017

Theoretical session

08:00 – Surgical anatomy to approach the sella region – **3D (SALA DE TREINAMENTO)**

Luis Felipe U. Alencastro

08:20 – Transplanum approach

Eduardo Vellutini

08:40 – Transcribriform approach

Aldo Stamm

09:00 – 09:30 OPEN COFFEE BREAK

Lab Session

09:30 – Anatomical dissection (demonstration followed by dissection by the participants)

- Sella turcica, Hypophysis, Optic nerve and chiasm, anterior communication complex, olfactory nerves, orbital gyrus, crista galli, third ventricle,

12:00 – 12:45 LUNCH

Theoretical session

12:45 - Cavernous sinus and correlated structure anatomy – **3D (SALA DE TREINAMENTO)**

Luis Felipe U. Alencastro

13:10 - Cavernous sinus: transnasal endoscopic approach

Aldo Stamm

13:35 - Classification of different segments of internal carotid artery

Marcos de Queiroz T. Gomes

13:50 – Discussion

Lab Session

13:50 – Anatomical dissection (demonstration followed by dissection by the participants)

- Approaching the medial petrous apex, internal carotid, and opening the clivus dura identifying neurovascular structures in the posterior fossa and cavernous sinus

17:45 – Bus shuttle IRCAD-Hotel.

DECEMBER 06th, 2017

Theoretical session

08:00 - Posterior fossa anatomy: microscopic and endoscopic view - **3D (SALA DE TREINAMENTO)**

Thomas Frigeri

08:25 - Clivus and posterior fossa surgery

Carlos Clara

08:50 - Discussion

09:00 - Medial maxillectomy / nasopharyngectomy / Pterygoid/infratemporal approach

Ronaldo Toledo

09:25 – Discussion

09:35 – 10:00 OPEN COFFEE BREAK

Lab Session

10:00 – Anatomical dissection (demonstration followed by dissection by the participants)

- Identifying the vidian nerve, V2, ICA, Meckel cave. Opening the medial wall of the cavernous sinus and identifying the nerves and relation with the ICA.

12:00 – 12:45 LUNCH

Lab Session

12:45 – 17:00 - Anatomical dissection (demonstration followed by dissection by the participants)

- Approaching the infratemporal fossa
- Identifying and resecting the pterygoid processes, auditory tube, V3, pharyngeal ICA
- Medial orbit decompression and decompression of the optical nerves, opening the medial orbit wall and identifying its content

17:00-17:10 - Closing

17:30 – Bus shuttle IRCAD-Hotel.

Bus shuttle to the São José do Rio Preto and Ribeirão Preto airports.