

## FACULTY



Hannes Braun (Austria)



Ricardo Carrau (USA)



Paolo Cappabianca (Italy)



Paolo Castelnovo (Italy)



Matteo De Notaris (Spain)



Enrique Ferrer (Spain)



Giorgio Frank (Italy)



Claire Hopkins (UK)



Werner Hosemann (Germany)



Christos Georgalas (NL)



Amin Kassam (Canada)



Davide Locatelli (Italy)



Humbert Massegur (Spain)



Michael MOKRY (Austria)



Laura Oleaga (Spain)



Bartolomé Oliver (Spain)



Ernesto Pasquini (Italy)



Daniel Prevedello (USA)



Aldo Stamm (Brazil)



Heinz Stammberger (Austria)

## II Advanced Endoscopic Skull Base Surgery -Interdisciplinary ENT / Neurosurgery Team-



Barcelona, November 28 – December 1st, 2012

### DIRECTORS



Isam ALOBID Manuel BERNAL Joaquim ENSEÑAT Alberto PRATS

Skull Base Unit, Hospital Clínic, Barcelona University

### COURSE OBJECTIVES

We are extremely fortunate to have the world experts in endoscopic skull base surgery as our guests of honour at this course, and we would like to invite you to join us on this journey, through the nose, sinuses and beyond into the skull base. The course objectives are:

- To provide the opportunity for ENT and Neurosurgeon teams to improve their skills on endoscopic skull base surgery and to learn the endoscopic anatomy of the nasal cavity and sinuses through which the pituitary gland, clivus, posterior cranial fossa, and anterior cranial fossa can be approached step-by-step.
- To review the endoscopic anatomy of the nose, sinuses, and skull base.
- To identify the actual indications and limitations of minimally invasive techniques.
- To learn decision-making in the management of skull base lesions.
- To describe and demonstrate the step-wise skull base approaches.
- To comment on past, present, and future of Endoscopic Skull Base Surgery.

### REGISTRATION FEES

- Hands-on fresh cadaver dissection (limited places) (Part 1 + 2): 1800 Euros
- Theoretical course (Part 2): 400 Euros

Registration includes: credits, coffee, course material, meals, and gala dinner.

Account name: Meeting Health S.L. C/ Teodora Lamadrid, 52 Esc E entlo 2ª, 08022 Barcelona. NIF: B65710733

Bank name: BANCO SABADELL ATLÁNTICO

Address: Balmes 423-425, 08022 BARCELONA

Account number: 0081 0665 33 0001163022

IBAN Code: ES 92 0081 0665 33 0001163022

SWIFT CODE: BSABESBB

Course code: Skull base

## Program

### Practical part (Hands-on fresh cadaver dissection):

<b>Wednesday</b>	<b>November 28, 2012</b>
13:00-14:00	Registration
14:00-19:00	Hands-on fresh cadaver dissection
<b>Thursday</b>	<b>November 29, 2012</b>
08:00-13:00	Hands-on fresh cadaver dissection
13:00-14:00	Lunch
14:00-19:00	Hands-on fresh cadaver dissection

### HANDS ON FRESH CADAVER DISSECTION – MASTER DISSECTION BY THE FACULTY

- Exposure of anterior and posterior ethmoidal, sphenopalatine, and maxillary arteries
- Nasoseptal flaps, inferior turbinate flaps
- Extended flaps from the lateral wall
- Orbital and optic nerve decompression
- Extended sphenoid sinusotomy and transnasal approach to the pituitary gland
- Beyond the pituitary - transpterygoid approach
- Exposure of the carotid artery, cavernous sinus
- Transfrontal and transcribriform approaches to the anterior skull base
- Transplanum approaches to the brain
- Transclival approaches to the brain
- Expanded transclival approaches, including nasopharyngectomy

### Theoretical part:

#### FRIDAY November 30, 2012

07:30	Registration Part 2
07:45	Welcome and Introduction ( <b>Alobid/ Bernal/ Enseñat/Prats</b> )

#### Moderator: Bernal (general aspects)

08:00	Endoscopic endonasal anatomy of the skull base ( <b>Prats/ De Notaris</b> )
08:20	Radiology and skull base ( <b>Oleaga</b> )
08:40	Multidisciplinary team collaboration (ENT/Neurosurgeon) ( <b>Hopkins</b> )
09:00	Computer-assisted system and intraoperative MRI in skull base surgery ( <b>Mokry</b> )
09:20	Classification of endonasal skull base approaches ( <b>Kassam</b> )
09:40	Selecting approaches and avoiding complications ( <b>Stamm</b> )
10:00	Reconstruction of skull base. The role of endoscopic flaps ( <b>Carrau</b> )
10:20	Discussion

#### 10:40 Coffee break

#### Moderator: Alobid (nasal, orbital, and transcribiform approaches)

11:00	Anatomy of orbit and anterior skull base ( <b>Castelnuovo</b> )
11:10	Role of frontal sinus in the anterior skull base surgery ( <b>Castelnuovo</b> )
11:30	Transnasal management of intraorbital lesions ( <b>Kassam</b> )
11:50	Endoscopic optic nerve decompression ( <b>Stammberger</b> )
12:10	Endoscopic approach for juvenile angiofibroma ( <b>Bernal</b> )
12:20	Endoscopic approach to esthesioneuroblastoma ( <b>Stammberger</b> )
12:40	Olfactory groove meningiomas ( <b>Prevedello</b> )
13:00	Discussion

13:30-14:30 Lunch

#### Moderator: Enseñat (pituitary gland and cavernous sinus approaches)

14:30	Anatomy of sella and cavernous sinus ( <b>Prats/ De Notaris</b> )
14:40	Pituitary surgery: how I do it ( <b>Cappabianca</b> )
15:00	Using endoscopes around and inside the sella ( <b>Locatelli</b> )
15:20	Cavernous sinus approaches ( <b>Frank</b> )
15:40	Suprasellar meningiomas ( <b>Cappabianca</b> )
16:00	Endoscopic approach for craniopharyngioma ( <b>Kassam</b> )
16:20	Neuroendoscopy for intraventricular lesions ( <b>Ferrer</b> )
16:40	Discussion

#### 17:00 Coffee break

#### Moderator: Bernal (nasopharyngeal, pterygomaxillary, clival, and craniocervical approaches)

17:30	Anatomy of pterygomaxillary fossa, clivus, and craniocervical junction ( <b>Prats/ De Notaris</b> )
17:40	Endoscopic transpterygoid approaches ( <b>Prevedello</b> )
18:00	Endoscopic transpterygoid nasopharyngectomy ( <b>Carrau</b> )
18:20	Endoscopic endonasal approaches to clival lesions ( <b>Enseñat</b> )
18:40	Transclival approaches to posterior fossa ( <b>Stamm</b> )
19:00	Endoscopic Approaches to the craniocervical junction ( <b>Mokry</b> )
19:20	Discussion

#### 20:30 Dinner

#### SATURDAY December 1, 2012

#### Moderator: Alobid (intracranial carotid artery / miscellaneous)

08:00	Anatomy of the intracranial carotid ( <b>Massegur/Oliver</b> )
08:10	Endoscopic surgery of tumours adhering to the intracranial carotid ( <b>Stammberger</b> )
08:30	Management of intraoperative bleeding ( <b>Braun</b> )
08:50	Pre- and postop. management in skull base surgery ( <b>Stamm</b> )
09:10	Autologous fibrin glue in CSF leak closure ( <b>Braun</b> )
09:30	Skull base surgery and quality of life ( <b>Georgalas</b> )
09:50	Medicolegal aspects of endoscopic sinus surgery ( <b>Hosemann</b> )
<b>10:10</b>	<b>Coffee break</b>
10:30	Cerebrospinal fluid leak and skull base reconstruction ( <b>Alobid</b> ) Speakers: <b>Braun, Carrau, Castelnuovo, Hosemann, Massegur, Pasquini, Stammberger</b>
12:00	Complications in endoscopic skull base surgery ( <b>Bernal</b> ) Speakers: <b>Cappabianca, Enseñat, Frank, Kassam, Mokry, Oliver, Prevedello, Stamm</b>
13:30	360° approaches to the skull base. Multicorridor strategies ( <b>Kassam</b> )
<b>14:00</b>	<b>Adjourn</b>

**ACCREDITATION:** Accreditation pending by the Institute for Medical Quality/Medical Association to provide Continuing Medical Education (CME)

**OFFICIAL LANGUAGE:** English

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