

FACULTY



Eugenio Cárdenas (Spain)



Ricardo Carrau (USA)



Paolo Castelnovo (Italy)



Iacopo Dallan (Italy)



Matteo de Notaris (Italy)



Christos Georgalas (NL)



Irene Halperin (Spain)



Narayanan Janakiram (India)



Ariel Kaen (Spain)



Cristobal Langdon (Spain)



Davide Locatelli (Italy)



Mauricio Lopez (Spain)



Laura Oleaga (Spain)



Daniel Prevedello (USA)



Theodore Schwartz (USA)



Juan A. Simal (Spain)



Wouter van Furth (NL)



Thibaut Van Zele (Belgium)

V Advanced Endoscopic Skull Base Surgery -Interdisciplinary ENT / Neurosurgery Team-

{FRESH-INJECTED CADAVER SPECIMENS}

Barcelona, November 9-11, 2016

 Endoscopic.dissection



ONLINE REGISTRATION:

<http://www.aulaclinic.com/cursos/view.php?ID=288>

- Hands-on cadaver dissection (limited places) (Part 1 + 2): 1700 Euros
- Theoretical course (Part 2): 300 Euros

Registration includes: Certificate of attendance, coffee breaks, lunch, course material, and gala dinner (WEDNESDAY November 9, 2016).

CANCELLATION: Must be received in writing by August 31, 2016 and will be subject to a 100 Euros processing fee. No refunds will be given after that date.

COURSE VENUE: Paranimf, School of Medicine, Barcelona University. **St/ Casanova, 143**

OFFICIAL LANGUAGE: English

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DIRECTORS



Isam Alobid



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Theoretical part:

Wednesday November 9th, 2016

07:30 Registration

08:00 Welcome and Introduction (**Alobid/ Bernal/ Enseñat**)

Moderator: Bernal (general aspects)

08:15 3D Skull base anatomy (**Cárdenas / Kaen**)

08:45 Radiological anatomy of sinuses and skull base (**Oleaga**)

09:15 Computer-assisted systems in skull base surgery (**Van Zele**)

09:30 Multidisciplinary team collaboration (ENT/Neurosurgeon) (**Dallan**)

09:45 3D endoscopic skull base surgery (**de Notaris / Prats**)

10:00 Pre- and postoperative management in skull base surgery (**Van Zele**)

10:15 **Coffee break**

Moderator: Alobid (nasal, orbital, and transcribriform approaches)

10:45 3D Anatomy of the orbit and anterior skull base (**Kaen / Cárdenas**)

11:00 Transnasal management of intraorbital lesions (**Castelnuovo**)

11:30 Endoscopic transorbital approach (**Dallan**)

12:00 Endoscopic approach for olfactory groove meningiomas (**Prevedello**)

12:30 Endoscopic approach for esthesioneuroblastomas (**Carrau**)

13:00 Discussion

13:15 Course photo (Delegates and Faculty)

13:30 Lunch

Moderator: Enseñat (pituitary gland approaches)

14:30 3D Anatomy of the sella turcica (**Cárdenas / Kaen**)

14:45 Endocrinological approach for pituitary adenoma (**Halperin**)

15:15 Using endoscopes around and inside the sella (**Locatelli**)

15:45 Role of intraoperative MRI during pituitary approach (**Enseñat**)

16:15 Coffee break

16:45 Endoscopic approach for non-functioning adenoma (**Van Furth**)

17:15 Endoscopic approach for Cushing adenoma (**Prevedello**)

17:45 Endoscopic approach for Acromegaly (**Schwartz**)

18:15 Endoscopic approach for Prolactinoma (**Simal**)

18:45 Discussion of clinical cases from the audience (**Schwartz**)

20:30 Gala Dinner (Restaurant La Principal: Provenza, 286-288. Between Rambla de Catalunya and Pg. de Gràcia)

Thursday November 10th, 2016

Moderator: Bernal (pterygomaxillary, clival, cavernous s. approaches)

08:00 3D Anatomy of pterygomaxillary fossa, clivus (**Cárdenas / Kaen**)

08:10 Endoscopic transpterygoid approaches (**Janakiram**)

08:30 Endoscopic approach to the cavernous sinus (**Prevedello**)

08:50 Endoscopic approach for craniopharyngiomas (**Schwartz**)

09:10 Endoscopic approach to clival lesions (**van Furth**)

09:30 Meckel's Cave approach (**Simal**)

09:50 Discussion

10:00 Coffee break

Moderator: Alobid (miscellaneous)

10:30 3D Anatomy of the intracranial carotid artery (**Cárdenas / Kaen**)

10:40 Role of frontal sinus in anterior skull base surgery (**Georgalas**)

11:00 Endoscopic transpterygoid nasopharyngectomy (**Castelnuovo**)

11:20 Endoscopic approach for juvenile angiofibroma (**Janakiram**)

11:40 Pedicled flaps for skull base reconstruction (**Carrau**)

12:10 Complications in endoscopic skull base surgery (**Prevedello**)

13:00 Lunch

Practical part (Hands-on fresh cadaver dissection):

Thursday November 10th, 2016

14:00-18:00 Hands-on fresh cadaver dissection

Friday November 11th, 2016

08:30-17:00 Hands-on fresh cadaver dissection

18:00 Adjourn

HANDS ON FRESH CADAVER DISSECTION – MASTER DISSECTION BY FACULTY

Coordination: Langdon/Lopez

- 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
- Meckel's Cave approach
- Far medial approach (hypoglossal canal)
- Cranio-vertebral junction