

11TH

Hands-on Course on  
Neurosurgical Approaches

# ENDOSCOPY AND MICROSURGERY IN THE VENTRICULAR SYSTEM AND SKULL BASE



**Universidad  
Europea Valencia**

LAUREATE INTERNATIONAL UNIVERSITIES

**ORGANIZATION**

Department of Neurosurgery  
Hospital Clínico Universitario de Valencia



**October**  
24th - 27th

**VALENCIA 2017**



**GENERALITAT VALENCIANA**  
CONSELLERIA DE SANITAT UNIVERSAL I SALUT PÚBLICA



DEPARTAMENT DE SALUT DE VALÈNCIA  
CLÍNIC-LA MALVA-ROSA

## ORGANIZATION

Department of Neurosurgery.  
Hospital Clínico Universitario de Valencia.

## DATES

October, 24th-27th. 2017.

## VENUE

Universidad Europea de Valencia.  
(Edificio B).  
C/ General Elio, 8.  
46010 Valencia.

## CONTENTS

Lectures and Conferences / Anatomical Laboratory / Microsurgical Approaches / Discussion of Complex Clinical Cases.

## LEARNING OBJECTIVES

1. Anatomic practice with high speed motors and neuroendoscopy equipment.
2. Anatomical practice of neuroendoscopic approaches to the ventricular system.
3. Anatomic practice of endoscopic approaches to the base of the skull.
4. Anatomic practice of neuroendoscopic approaches to the anterior base cisterns and the pontocerebellar angle.
5. Confrontation of anatomy and microsurgical and endoscopic approaches.
6. Presentation and discussion of cases, videos and techniques for situations and complex cases with experts.

## LABORATORY

9 working places with cadaveric specimens, lens, microscope, high speed power drill and instrumentation for 18 participants.

## WORKSHOP FEES

2.000 € (VAT included).

Full registration fee includes: lectures and laboratory, certificate, materials, course meals, course dinner and transfers from/to the course hotel.

## TECHNICAL SECRETARY



96 202 67 00 / 625 510 658  
neurosurgeryvalencia@mk8global.com

## GENERAL INFORMATION



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## COURSE DIRECTOR

José M. González Darder

## GUEST FACULTY

Radim Lipina

## FACULTY

José M. González Darder  
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Vicent Quilis-Quesada  
Luis Real Pena  
Fernando Talamantes  
Esteban Vega Torres

## SCIENTIFIC INFORMATION

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## Registration on-line:

[www.neurosurgeryvalencia.com](http://www.neurosurgeryvalencia.com)

Registration will be effective after full payment. Payment will be made only by bank transfer.



Requested recognition as  
"Actividad de Interés Sanitario" por la  
Consellería de Sanitat Universal y Salud Pública

Course sponsored by The Spanish Society  
of Neurosurgery (SENEC)

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TUESDAY 24TH

WEDNESDAY 25TH

## BASIC TECHNIQUES AND EQUIPMENTS

SESSION 1

- 10:30-11:00 h. **BASIC ENDOSCOPIC PRINCIPLES: History, Room set-up, Equipment, and Applications**  
B-BRAUN AESCULAP TEAM
- 11:00-11:30 h. **BASIC HIGHSPEED MOTOR PRINCIPLES: History, Room set-up, Equipment, and Applications**  
B-BRAUN AESCULAP TEAM
- 11:30-12:30 h. **LABS HANDS-ON TRAINING: ENDOSCOPY**  
PARTICIPANTS
- 12:30-13:30 h. **LABS HANDS-ON TRAINING: HIGHSPEED MOTOR**  
PARTICIPANTS
- 13:30 h. **Wellcome**

## NEUROENDOSCOPY: BASIC TECHNIQUES

SESSION 2

- 14:30-15:30 h. **3D ANATOMICAL DEMONSTRATION: ANATOMY OF THE VENTRICULAR SYSTEM**  
VICENT QUILIS QUESADA
- 15:30-16:30 h. **ANATOMICAL DEMONSTRATION: BASIC TECHNIQUES IN NEUROENDOSCOPY.** Endoscopic exploration of the ventricular system. Endoscopic third ventriculostomy. Septum pellucidum fenestration. Choroid plexus coagulation and resection. Endoscopic placement of intraventricular catheters.  
RADIM LIPINA
- 16:30-18:00 h. **LABS HANDS-ON: BASIC TECHNIQUES IN NEUROENDOSCOPY**  
PARTICIPANTS
- 18:00-19:00 h. **LECTURE: ENDOSCOPIC MANAGEMENT OF HYDROCEPHALUS AND INTRAVENTRICULAR CYSTS AND TUMOURS**  
RADIM LIPINA

## ENDOSCOPIC & MICROSURGICAL APPROACHES TO THE VENTRICULAR SYSTEM

SESSION 3

- 08:30-09:00 h. **LECTURE: TRACTOGRAPHY OF THE VENTRICULAR SYSTEM SURROUNDINGS**  
LUIS REAL PEÑA
- 09:00-10:00 h. **LECTURE: MICROSURGICAL MANAGEMENT OF THE LATERAL AND THIRD VENTRICLES TUMOURS**  
JOSÉ M. GONZÁLEZ-DARDER
- 10:00-10:30 h. Coffee
- 10:30-12:30 h. **LABS HANDS-ON: LATERAL AND THIRD VENTRICLES NEUROENDOSCOPY**  
PARTICIPANTS
- 12:30-13:30 h. **LECTURE: ETN vs VPS IN NEW BORN HYDROCEPHALUS**  
JOSÉ HINOJOSA MENA

## KEY HOLE ASSISTED NEUROENDOSCOPY

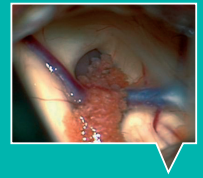
SESSION 4

- 14:30-16:00 h. **LECTURE & ANATOMICAL DEMONSTRATION: SUPRAORBITAL AND RETROSIGMOID ASSISTED NEUROENDOSCOPY**  
TOMÁS HRBÁČ
- 16:00-18:00 h. **LAB HANDS-ON: SUPRAORBITAL AND RETROSIGMOID ASSISTED NEUROENDOSCOPY**  
PARTICIPANTS
- 18:00-19:00 h. **CASE & VIDEO PRESENTATIONS**  
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THURSDAY 26TH

FRIDAY 27TH

### SKULL BASE ENDOSCOPY: ENDONASAL APPROACH

SESSION 5

- 08:30-10:00 h. **LECTURE & ANATOMICAL DEMONSTRATION: ENDONASAL APPROACH**  
RADIM LIPINA
- 10:00-10:30 h. Coffee
- 10:30-12:00 h. **LAB HANDS-ON: ENDONASAL APPROACH**  
PARTICIPANTS
- 12:00-12:30 h. **3D ANATOMICAL DEMONSTRATION: CAVERNOUS SINUS**  
ESTEBAN VEGA TORRES
- 12:30-13:30 h. **CASE & VIDEO PRESENTATIONS**  
FACULTY

### SKULL BASE ENDOSCOPY: EXTENDED ENDONASAL APPROACH

SESSION 6

- 14:30-16:00 h. **LECTURE & ANATOMICAL DEMONSTRATION: EXTENDED ENDONASAL APPROACH. Endoscopic approach to the cavernous sinus, anterior fossa and clivus**  
RADIM LIPINA
- 16:00-18:00 h. **LAB HANDS-ON: EXTENDED ENDONASAL APPROACH: Endoscopic approach to the cavernous sinus, anterior fossa and clivus**  
PARTICIPANTS
- 18:00-19:00 h. **LECTURE: MICROSURGERY OF THE CAVERNOUS SINUS TUMORS**  
JOSÉ M. GONZÁLEZ-DARDER
- 18:30-19:00 h. **CASE & VIDEO PRESENTATIONS**  
FACULTY

### INDICATIONS AND COMPLICATIONS AVOIDANCE

SESSION 7

- 08:30-09:15 h. **CONTROVERSY: ENDOSCOPY vs MICROSURGERY FOR HYPOPHYSEAL ADENOMAS**  
FERNANDO TALAMANTES
- 09:15-10:00 h. **CONTROVERSY: ENDOSCOPY vs MICROSURGERY FOR HYPOPHYSEAL ADENOMAS**  
ESTEBAN VEGA TORRES
- 10:00-10:30 h. Coffee
- 10:30-11:15 h. **LECTURE: COMPLICATIONS AVOIDANCE IN NEUROENDOSCOPY**  
RADIM LIPINA
- 11:15-12:45 h. **CASE & VIDEO PRESENTATIONS**  
FACULTY
- 12:45 h. **Closure**

SPONSOR:

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SHARING EXPERTISE

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TECHNICAL SECRETARY

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