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
Instituto de Investigación Sanitaria INCLIVA

October
24th - 27th

VALENCIA 2017
ORGANIZATION
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Hospital Clínico Universitario de Valencia.
Instituto de Investigación Sanitaria INCLIVA.

DATES

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
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Registration on-line:

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
Conselleria de Sanitat Universal i Salut Pública

Course sponsored by The Spanish Society of Neurosurgery (SENEC)
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Neurosurgical Approaches

**TUESDAY 24TH**

**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.  Welcome

**NEUROENDOSCOPY: BASIC TECHNIQUES**

**SESSION 2**

14:30-15:30 h.  **3D ANATOMICAL DEMONSTRATION: ANATOMY OF THE VENTRICULAR SYSTEM**
VICENT QUILIS QUESADA

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

**WEDNESDAY 25TH**

**ENDOSCOPIC & MICROSURGICAL APPROACHES TO THE VENTRICULAR SYSTEM**

**SESSION 3**

08:30-09:00 h.  **LECTURE: TRACTOGRAPHY OF THE VENTRICULAR SYSTEM SURROUNDINGS**
LUIS REAL PENA

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**
JOSE 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**
FACULTY
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THURSDAY 26TH

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

18:00-18:30 h. LECTURE: MICROSCUROGY OF THE CAVERNOUS SINUS TUMORS 
JOSÉ M. GONZÁLEZ-DARDER

18:30-19:00 h. CASE & VIDEO PRESENTATIONS 
FACULTY

FRIDAY 27TH

INDICATIONS AND COMPLICATIONS AVOIDANCE
SESSION 7

08:30-09:15 h. CONTROVERSY: ENDOSCOPY vs MICROSCUROGY FOR HYPOPHYSAL ADENOMAS 
FERNANDO TALAMANTES

09:15-10:00 h. CONTROVERSY: ENDOSCOPY vs MICROSCUROGY FOR HYPOPHYSAL 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