

13TH

Hands-on Course on
Neurosurgical Approaches

OCCIPITO-CERVICAL, POSTERIOR AND ANTERIOR CERVICAL APPROACHES

VNIVERSITAT
DE VALÈNCIA 
Facultat de Medicina i Odontologia

ORGANIZATION

Department of Neurosurgery
Hospital Clínico Universitario de Valencia

June
5th - 7th

VALENCIA 2019

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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

June, 5th-7th 2019.

VENUE

Universidad de Valencia. Facultad de Medicina y Odontología.
Avda. Blasco Ibáñez 15.
46010 Valencia.

CONTENTS

Lectures and Conferences / Anatomical Laboratory / Microsurgical Approaches / New digital 3D Surgical Microscope / Neuronavigation Station for Spine Implants / Spine Virtual Reality Station for Spine Implants / Cervical Implant Hands-on with Fluoroscopy / Discussion of Complex Cases.

LEARNINGS OBJECTIVES

1. Anatomic practice of surgical approaches to anterior and posterior cervical spine and occipito-cervical junction.
2. Anatomical practice with new technologies in cervical spine surgery: 3D digital surgical microscope, high speed motors and drills, neuronavigation and virtual reality.
3. Use and implantation in anatomic specimens of real surgical implants under imaging control.
4. Confrontation of different views on hot topics in cervical spine surgery.
5. Presentation and discussion of cases, videos and techniques with experts.

LABORATORY

8 working places with cadaveric specimens, lens, microscope, high speed power drills and instrumentation for 16 participants.

WORKSHOP FEES

2.300 € (VAT included).

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

Not included: Accommodation and travel. In case accommodation is needed, please advise the Technical Secretary.

TECHNICAL SECRETARY



96 202 67 00 / 630 904 959
neurosurgeryvalencia@mk8global.com

GENERAL INFORMATION



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Neurosurgical Approaches

COURSE DIRECTOR

José M. González-Darder

GUEST FACULTY

Julián Castro Castro (Orense, Spain)
Sven O. Eicker (Hamburg, Germany)

FACULTIES

Guillermo García March (Valencia, Spain)
José M. González-Darder (Valencia, Spain)
Vicent Quilis Quesada (Valencia, Spain)
Luis Real Peña (Valencia, Spain)
Fernando Talamantes Escriba (Valencia, Spain)
Esteban Vega Torres (Valencia, Spain)

SCIENTIFIC INFORMATION

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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.

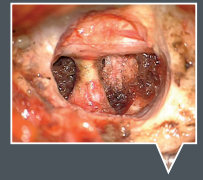


Recognition of The Spanish Society
of Neurosurgery (SENEC)



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WEDNESDAY 5TH

TECHNOLOGY APPLIED TO CERVICAL SPINE SURGERY

SESSION 1

- 10:25 h. **Welcome**
JOSÉ M. GONZÁLEZ-DARDER
- 10:30-12:00 h. **SESSION SPONSORED BY MEDTRONIC**
Motors: Medtronic Midas Rex Course
MEDTRONIC TEAM
- 12:00-12:30 h. **SESSION SPONSORED BY MEDTRONIC**
Navigation in Spine Surgery
JUAN DANIEL SOBRADO RUBIO
- 12:30-13:00 h. **SESSION SPONSORED BY SPINEART**
Biomechanics of the Cervical Spine and Cervical Implants
RAMIRO COUCEIRO OTERO
- 13:00-13:30 h. **SESSION SPONSORED BY B. BRAUN-AESULAP**
New Digital Surgical 3D Microscope
FELIPE MONTAÑA VELASCO
- 13:30-14:30 h. Lunch

POSTERIOR CERVICAL SPINE: ANATOMIC FUNDAMENTS AND APPROACHES (I)

SESSION 2

- 14:30-15:00 h. **LECTURE: INTRADURAL CERVICAL TUMOURS**
JOSÉ M. GONZÁLEZ-DARDER

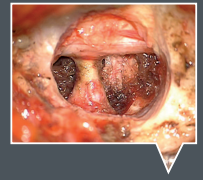
- 15:00-16:30 h. **LECTURE AND ANATOMIC DEMONSTRATION**
Foraminotomy
Osteoplastic Laminotomy
Articular Processes C1-C6
VICENT QUILIS QUESADA
- 17:00-18:30 h. **HAND-ON LAB**
FACULTIES
- 18:30-19:00 h. **LECTURE: CERVICAL MYELOPATHY**
SVEN O. EICKER

THURSDAY 6TH

POSTERIOR CERVICAL SPINE: ANATOMIC FUNDAMENTS AND APPROACHES (II)

SESSION 3

- 08:30-09:00 h. **LECTURE: CERVICAL SPINE TUMOURS**
SVEN O. EICKER
- 09:00-10:30 h. **LECTURE AND ANATOMIC DEMONSTRATION**
C1-C2 Surgical Anatomy
C3-C7 Pedicle Anatomy
VICENT QUILIS QUESADA
- 10:30-11:00 h. Coffee break



FRIDAY 7TH

11:00-13:00 h. **HAND-ON LAB**
FACULTIES

13:00-13:30 h. **LECTURE: CERVICAL SPINE TRAUMA**
SVEN O. EICKER

13:30-14:30 h. Lunch

ANTERIOR CERVICAL SPINE: ANATOMIC FUNDAMENTS AND APPROACHES (I)

SESSION 4

14:30-15:00 h. **LECTURE: OCCIPITO-CERVICAL INSTABILITY**
JOSÉ M. GONZÁLEZ-DARDER

15:00-16:30 h. **LECTURE AND ANATOMIC DEMONSTRATION**
Anterolateral approach
Anterior approach to the vertebral artery
JOSÉ M. GONZÁLEZ-DARDER

17:00-18:30 h. **HAND-ON LAB**
FACULTIES

18:30-18:45 h. **LECTURE: ANATOMICAL REFERENCES VS NAVIGATION (1)**
FERNANDO TALAMANTES ESCRIBA

18:45-19:00 h. **LECTURE: ANATOMICAL REFERENCES VS NAVIGATION (2)**
JULIÁN CASTRO CASTRO

ANTERIOR CERVICAL SPINE: ANATOMIC FUNDAMENTS AND APPROACHES (II)

SESSION 5

08:30-08:45 h. **LECTURE: ARTHROPLASTY VS FUSION (1)**
GUILLERMO GARCÍA MARCH

08:45-09:00 h. **LECTURE: ARTHROPLASTY VS FUSION (2)**
JULIÁN CASTRO CASTRO

09:00-10:30 h. **LECTURE AND ANATOMIC DEMONSTRATION: SUBMANDIBULAR APPROACH**
FERNANDO TALAMANTES ESCRIBA

10:30-11:00 h. Coffee break

11:00-13:00 h. **HAND-ON LAB**
FACULTIES

13:00-13:30 h. **LECTURE: CERVICAL DISC PATHOLOGY**
JULIÁN CASTRO CASTRO

13:30-14:30 h. Lunch

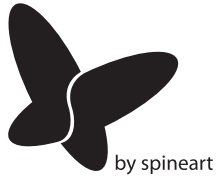
SURGICAL IMPLANTS FOR CERVICAL SPINE STABILIZATION

SESSION 6

14:30-17:30 h. **HAND-ON LAB**
Anterolateral approach: cages, plates, cage-plates, prosthesis.
Posterior approach: occipital plate, C1, C2 and subaxial screws, laminoplasty
FACULTIES

17:30 h. **ADJOURN**
JOSÉ M. GONZÁLEZ-DARDER

SPONSORS:



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SHARING EXPERTISE



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