

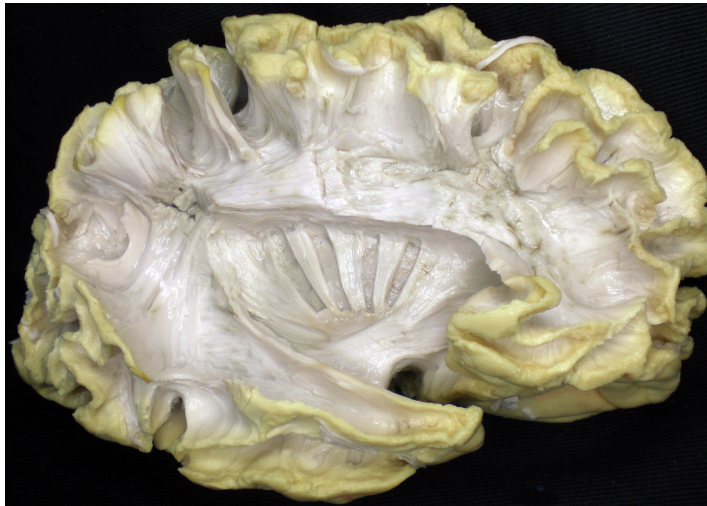
7th HANDS-ON COURSE ON NEUROSURGICAL APPROACHES

**Valencia,
January 07-11,
2014**

Department of Neurosurgery
Hospital Clínico Universitario

Department of Anatomy
Facultad de Medicina

Fundación Investigación
Clínico de Valencia INCLIVA



Course Directors:
Evandro de Oliveira
José M. González-Darder

Guest Faculty:
Pieter Wesseling

Faculty:
Feres Chaddad-Neto
José M. González-Darder
Paulo Kadri
Antonio Mussi
Evandro de Oliveira
Vicent Quilis-Quesada

Laboratory Coordinator:
Francisco Martínez-Soriano

Cerebral Sulci, Fissures and Gyri Subcortical White Matter

SESSION 1

**Tuesday
January, 07**

CEREBRAL SULCI AND GYRI

- 14,15-14,30 Opening
- 14,30-15,30 *Lecture:* Anatomy of cerebral sulci, fissures and gyri
- 15,30-18,30 **LABORATORY HANDS-ON DISSECTION:**
- Cerebral localization of sulci/fissures/gyri
- NEURONAVIGATION STATIONS HANDS-ON:**
- Localization of sulci/fissures/gyri in cadaveric specimens comparing craniometric and navigation techniques
- 18,30-19,30 *Lecture:* Cerebral gliomas: patterns of growth and invasion

EVANDRO DE OLIVEIRA &
JOSÉ M GONZÁLEZ DARDER
ANTONIO MUSSI
Instructors:
ANTONIO MUSSI
and all Faculty members

PIETER WESSELING

SESSION 2

**Wednesday
January, 08**

BASAL CISTERNS, SYLVIAN FISSURE AND VENTRICLES

- 08,30-09,30 *Lecture:* Microsurgical anatomy of the basal cisterns and sylvian fissure.
- 09,30-11,00 **LABORATORY:**
- Sylvian fissure dissection
 - Trans-sylvian approach
- NEURONAVIGATION STATIONS HANDS-ON (Continue)**
- 11,00-12,00 *Lecture:* Microsurgical anatomy of the lateral and third ventricles.
- 12,00-13,30 **LABORATORY HANDS-ON DISSECTION:**
- Lateral and third ventricles
- NEURONAVIGATION STATIONS HANDS-ON (Continue)**

FERES CHADDAD-NETO &
EVANDRO DE OLIVEIRA
Instructors:
FERES CHADDAD-NETO
and all Faculty members

ANTONIO MUSSI
Instructors:
ANTONIO MUSSI
and all Faculty members

SESSION 3

**Wednesday
January, 08**

CEREBRAL SULCI AND GYRI

- 14,30-15,30 *Lecture:* Operative location of cortical sulci and gyri based in anatomic landmarks and neuronavigation correlation
- 15,30-18,00 **LABORATORY HANDS-ON DISSECTION:**
- Cerebral localization of sulci/fissures/gyri
- NEURONAVIGATION STATIONS HANDS-ON (Continue)**
- 18,00-18,45 Use of basal cisterns in neurosurgical practice
- 18,45-19,30 Use of sulci and gyri in neurosurgical practice

VICENT QUILIS QUESADA

Instructors:
ANTONIO MUSSI
and all Faculty members

FERES CHADDAD-NETO &
EVANDRO DE OLIVEIRA
JOSÉ M GONZÁLEZ-DARDER

SESSION 4
Thursday
January,09

CEREBRAL CORTEX: Basal and mesial aspects

08,30-09,30	<i>Lecture:</i> Microsurgical anatomy of the sulci and gyri of basal and mesial surface of the brain	ANTONIO MUSSI
09,30-10,30	<i>Lecture:</i> Opening the interhemispheric fissure and neurosurgical applications	JOSÉ M GONZÁLEZ DARDER
10,30-13,30	LABORATORY HANDS-ON DISSECTION: - Cerebral localization of sulci/fissures/gyri NEURONAVIGATION STATIONS HANDS-ON (Continue)	Instructors: ANTONIO MUSSI and all Faculty members

SESSION 5
Thursday
January,09

CEREBRAL CORTEX: Mesial Temporal Lobe

14,30-15,30	<i>Lecture:</i> Microsurgical anatomy of the mesial temporal lobe	ANTONIO MUSSI
15,30-18,30	LABORATORY HANDS-ON DISSECTION: - Cerebral localization of sulci/fissures/gyri NEURONAVIGATION STATIONS HANDS-ON (Continue)	Instructors: ANTONIO MUSSI and all Faculty members
18,30-19,30	<i>Lecture:</i> Microsurgical anatomy applied to surgical mesial temporal lobe lesions	FERES CHADDAD-NETO & EVANDRO DE OLIVEIRA

SESSION 6
Friday
January,10

SUBCORTICAL WHITE MATTER (1)

08,30-09,30	<i>Lecture & Anatomical demonstration:</i> Dissection of white fibers (1)	PAULO KADRI
09,30-12,30	LABORATORY HANDS-ON DISSECTION: - White fibers dissection PLANNIFICATION STATIONS HANDS-ON: - Tractography	Instructors: PAULO KADRI and all Faculty members
12,30-13,30	DTI-based cerebral tractography: ROIs, tracts, anatomy and surgery	VICENT QUILIS-QUESADA

SESSION 7
Friday
January,10

SUBCORTICAL WHITE MATTER (2)

14,30-15,30	<i>Lecture & Anatomical demonstration:</i> Dissection of white fibers (2)	PAULO KADRI
15,30-18,30	LABORATORY HANDS-ON DISSECTION: - White fibers dissection PLANNIFICATION STATIONS HANDS-ON (Continue)	Instructors: PAULO KADRI and all Faculty members
18,30-19,30	<i>Lecture:</i> Microsurgery in motor cortical and subcortical areas	JOSÉ M GONZÁLEZ-DARDER

SESSION 8
Saturday
January,11

SUBCORTICAL WHITE MATTER (3)

08,30-09,30	<i>Lecture & Anatomical demonstration:</i> Dissection of white fibers (3)	PAULO KADRI
09,30-13,00	LABORATORY HANDS-ON DISSECTION: - White fibers dissection PLANNIFICATION STATIONS HANDS-ON (Continue)	Instructors: PAULO KADRI and all Faculty members
13,00-13,30	Adjourn	EVANDRO DE OLIVEIRA & JOSÉ M GONZÁLEZ DARDER

FOR FURTHER INFORMATION:

<http://www.neurocirugiavalencia.com>
gonzalez_jos@gva.es

SECRETARY AND REGISTRATION:

Secretaría de la Fundación Investigación del Hospital Clínico Universitario de Valencia

<https://incliva.es> (incliva.es > actividades > año 2014)

Phone: +34 963 862 894

E-mail: formación@incliva.es ; giner_jus@incliva.es
