

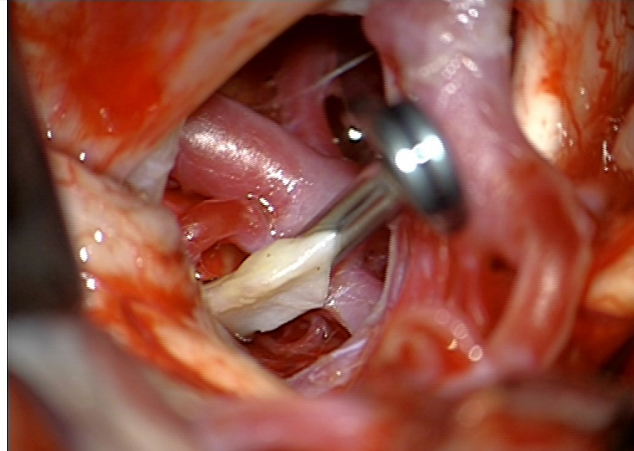
4th HANDS-ON COURSE ON NEUROSURGICAL APPROACHES

Valencia
June 06-10, 2011

Department of Neurosurgery
Hospital Clínico Universitario

Department of Anatomy
Facultad de Medicina

Fundación Investigación
Hospital Clínico de Valencia



Course Directors:
Evandro de Oliveira
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Guest Faculty:
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Faculty:
José M. González-Darder
Evandro de Oliveira
Vicent Quilis Quesada
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Cerebral Aneurysms

SESSION 0
June 06

MIDAS REX COURSE

09,00-13,30 Midas Rex Course

SESSION 1
June 06

PTERIONAL APPROACH

14,30-15,00 Pterional approach
15,00-15,30 Cerebral basal cisterns anatomy
15,30-16,00 Microsurgical opening of the sylvian cistern for aneurysmal surgery
16,30-19,30 LABORATORY:
- Pterional approach

EVANDRO DE OLIVEIRA
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MICHAEL T. LAWTON
VICENT QUILIS QUESADA and
FACULTY MEMBERS

SESSION 2
June 07

**PRETEMPORAL AND TRANSZYGOMATIC
APPROACHES**

- 08,30-09,00 Anterior communicating artery complex aneurysms
09,00-09,30 Microsurgical management of anterior communicating artery complex aneurysms
09,30-10,00 Pretemporal approaches
10,30-13,30 LABORATORY:
- Pretemporal approaches
- Sylvian and basal cisterns opening
- Middle cerebral artery and anterior communicating artery complex dissection

JORDI VILALTA CASTÁN
MICHAEL T. LAWTON

EVANDRO DE OLIVEIRA
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SESSION 3
June 07

**PARACLINOID INTERNAL CAROTID ARTERY
APPROACH**

- 14,30-15,15 Microsurgical management of internal carotid artery aneurysms
15,15-16,30 Microsurgical management of paraclinoid internal carotid artery aneurysms
16,30-19,30 LABORATORY:
- Intradural clinoidectomy
- Superior approach to the cavernous sinus
- Paraclinoid and supraclinoid internal carotid artery dissection

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SESSION 4
June 08

ORBITOZYGOMATIC APPROACH

- 08,30-09,00 Middle cerebral artery aneurysms
09,00-09,30 Microsurgical management of middle cerebral aneurysms
09,30-10,00 Orbitozygomatic approach
10,30-13,30 LABORATORY:
- Orbitozygomatic approach

JOSÉ M. GONZÁLEZ-DARDER
MICHAEL T. LAWTON
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SESSION 5
June 08

**TRANSCAVERNOUS APPROACH TO THE
BASILAR ARTERY BIFURCATION ANEURYSMS**

- 14,30-15,15 Microsurgical management of basilar artery bifurcation aneurysms
15,15-16,00 Transcavernous approach to the basilar artery bifurcation aneurysms
16,30-19,30 LABORATORY:
- Transcavernous approach to the basilar artery bifurcation

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SESSION 6
June 09

PETROUS APPROACH

- 08,30-09,15 Use of intraoperative infrared indocyanine green (ICG) videoangiography for cerebral aneurysms and arteriovenous malformations
09,15-10,00 Petrous approach to the basilar artery aneurysms
10,30-13,30 LABORATORY:
- Petrous approach
- Hands-on surgery using ICG in animal models of aneurysms
- Hands-on microsurgical suture in placenta

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SESSION 7
June 09

EXTREME LATERAL APPROACH

- 14,30-15,15 Microsurgical management of embolized aneurysms
15,15-16,00 Extreme lateral approach to vertebral and postero-inferior cerebellar artery aneurysms
16,30-19,30 LABORATORY:
- Extreme lateral approach
- Hands-on surgery using ICG in animal models of aneurysms
- Hands-on microsurgical suture in placenta

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SESSION 8
June 10

**PETROUS AND INTRACAVERNOUS INTERNAL
CAROTID ARTERY APPROACH**

- 08,30-09,15 Reconstruction of complex cerebral artery aneurysms
09,15-10,00 Bypass surgery for complex brain aneurysms
10,30-13,30 LABORATORY:
- Extradural clinoidectomy
- Lateral approach to the cavernous sinus
- Approach to the petrosal carotid artery
- Hands-on surgery using ICG in animal models of aneurysms
- Hands-on microsurgical suture in placenta

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EVES credits

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