

## Information

Place of realization::

Hospital Universitario La Paz. Madrid

Edificio Unidad de Investigación – Servicio de Cirugía Experimental

### Course Directors:

Dr. F.González-Llanos

Dr. J.M. Roda

### Information and Reservations:

[www.neurocirugiagonzalezllanos.com/microsurgery](http://www.neurocirugiagonzalezllanos.com/microsurgery)

D. Juan F. Ortega Gracia

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Teléfono: 653795928

Precio Inscripción : 1.400 Euros

ENTIDAD LA CAIXA. Nº Cuenta.- 2100/4651/62/2200049118

(IBAN: ES51 2100 4651 6222 0004 9118)

### Included:

Lunch, basic microsuturing set and Pendrive with the  
Practical classes are included.

## Guest Professors

**Dr. Rokuya Tanikawa.**

Dr. Jorge Mura.

Dr. Pablo Rubio.

Dr. Jon Olabe.

Dr. Andrei Giovanni

Dr. Fernando Carceller.

Dr. Angel Flores.

Dr. Cesar Colmenero.

Dr. Luis Ley.

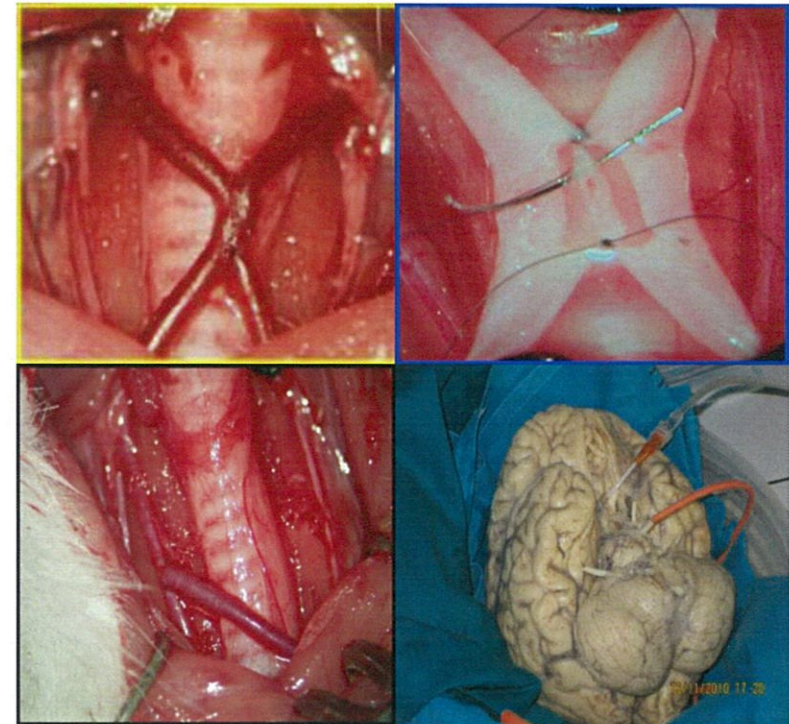
Dr. J.A. Simal.



Hospital Universitario La Paz

Comunidad de Madrid

IdiPAZ  
Instituto de Investigación  
Hospital Universitario La Paz



Continuing Education accredited with 5.4 credits

## X COURSE MICROSURGERY VASCULAR CEREBRAL AND BY-PASS EXTRA-INTRACRANIAL

December, 16 – 20, 2015

NEUROSURGERY SERVICES and  
EXPERIMENTAL SURGERY

## COURSE PROGRAMME

WEDNESDAY, DECEMBER 16, 2015

### CONFERENCE HALL

**09.30-10.00:** INTRODUCTION AND WELCOME

**10.00-10.20:** INTRODUCTION: History and basics Techniques. F.Gonzalez-Llanos

**10.30-10.50:** 3D Anatomy of the tanks of the skull base. P Rubino

**11.00-11.20:** The 3D in microsurgery. P.Rubino.

### OPERATING ROOM SM (SMALL ANIMALS)

**12.00-12.30:** DEMONSTRATION:

Aorta Anastomosis rat T-T.

**12.30-14.00:** PRACTICES: Anastomosis of Aorta T-T in rat.

**14.00-15.30:** BREAK. LUNCH.

**15.30-16.30:** DEMONSTRATION:

Carotid Anastomosis in rat T-L

**16.30-19.30:** PRACTICES: T-L Carotid Anastomosis in rats.

### OPERATING ROOM LA (LARGES ANIMALS)

**16.30-19.00:** CLIPPING PRACTICES IN PORCINE MODEL.

1-ANEURISM PCOM

### CONFERENCE HALL

**19.00-19.30:** MICROSURGERY OF CEREBRAL ANEURYSMS.

P. Rubino

THURSDAY, 17 DECEMBER, 2015

### CONFERENCE HALL

**09.00-9.20:** SYLVIAN FISSURES OPENING R.Tanikawa

**09.25-9.45:** ANTERIOR CLINOIDECTOMY R.Tanikawa

**09.50-10.10:** MINIMALLY INVASIVE CLINOIDECTOMY J.Mura

**10.10-10.30:** ICG ANEURYSMS OF ANTERIOR CIRCULATION J. Mura

**10.40-11.00:** POSTERIOR CIRCULATION ANEURYSMS R.Tanikawa

**11.00-11.30:** BREAK. COFFEE.

### OPERATING ROOM SM (SMALL ANIMALS)

**11.30-12.00:** DEMONSTRATION:

TT Anastomosis and femoral artery catheterization.

**11.30-14.00:** PRACTICES: Femoral artery.

### OPERATING ROOM LA (LARGES ANIMALS)

**12.00-14.00:** CLIPPING PRACTICES IN PORCINE MODEL.

2-ANEURISM FORK

**14.00-15.30:** BREAK. LUNCH.

### CONFERENCE HALL

**15.30-15.50:** CEREBRAL ISCHEMIA. CHRONIC. BY PASS. R. Tanikawa

**15.55-16.15:** ACUTE ISCHEMIA. EMBOLECTOMIA. INTRODUCTION. J. Mura

**16.20-16.40:** EMBOLECTOMIA. RESULTS. R. Tanikawa

### OPERATING ROOM SA

**17.00-17.30:** DEMONSTRATION:

Cervical arterio-venous fistulas in rats.

**17.30-19.30:** PRACTICES: Cervical Arterio-Venous fistulas in rats.

### OPERATING ROOM LA

**17.30-19.30:** DEMONSTRATION AND PRACTICES OF EMBOLECTOMIA  
IN PORCINE MODEL

## FRIDAY, DECEMBER 18, 2015

### CONFERENCE HALL

**09.00-9.20.:** BY-PASS IN ANEURYSMS OF ANTERIOR CIRCULATION 1 F. Gonzalez-Llanos

**09.30-9.50:** BY-PASS IN ANEURYSMS OF ANTERIOR CIRCULATION 2 J. Mura

**10.00-9.50:** BY-PASS IN ANEURYSMS OF POSTERIOR CIRCULATION R. Tanikawa

**10.00-10.20:** BY-PASS FOR VEIN RECONSTRUCTION R. Tanikawa

**11.00-11.30:** BREAK. COFFEE.

### OPERATING ROOM SA (SMALL ANIMALS)

**11.30-12.00:** DEMONSTRATION:

By-pass STA-MCA in brain corpse.

**12.00-14.00:** PRACTICES: *By-pass STA-MCA in brain corpse.*

### OPERATING ROOM LA (LARGE ANIMALS)

**12.00-14.00:** CLIPPING PRACTICES IN PORCINE MODEL.

3-ANEURYSMS ACOM

**14.00-15.30:** BREAK. LUNCH.

### CONFERENCE HALL

**15.30:15.50:** ANTERIOR PETROSECTOMY F.Gonzalez-Llanos

**16.00-16.20:** POSTERIOR PETROSECTOMY R Tanikawa

**16.30-16.50** APPROACH FAR LATERAL J.Mura

### OPERATING ROOM SA

**17.00-17.30:** DEMONSTRATION: *By-pass high flow in brain corpse.*

**17.30-19.30:** PRACTICES: *By-pass high flow in brain corpse.*

### OPERATING ROOM LA

**17.30-19.30:** DEMONSTRATION AND PRACTICES OF BASE SKULL APPROACH TO ANEURYSMS OF POSTERIOR CIRCULATION.

## SATURDAY, DECEMBER 19, 2015

### CONFERENCE HALL

**09.00-09..20:** HANDLE OF ARTERIAL GRAFT AND VENOUS. ENDOSCOPIC REMOVAL. A. Flores

**09.30-09..50:** HANDLE INFRATEMPORAL INJURY C. Colmenero

**10.00-10.20:** ENDOSCOPIC SKULL BASE. JA Simal.

**10.30-10.50:** PETROCLIVALES INJURIES J. Mura

**11.00-11.30:** BREAK. COFFEE.

### OPERATING ROOM SA

**10.00-11.00 :** DEMONSTRATION:

Anastomosis Lat-Lat in brain corpse.

**11.30-14.00:** PRACTICES: *Anastomosis Lat-Lat in brain corpse.*

### OPERATING ROOM LA (LARGE ANIMALS)

**12.00-14.00:** CLIPPING PRACTICES IN PORCINE MODEL.

3 - BASILAR ANEURYSMS

**14.00-15.30:** BREAK. LUNCH.

### OPERATING ROOM SA

**17.00-17.30:** DEMONSTRATION:

SUTURE CONTINUOUS WITH TENSION IN ANASTOMOSIS TERMINOLAT AND TERMINOTERMIAL.

**17.30-19.30:** PRACTICES: *SUTURE CONTINUOUS.*

### OPERATING ROOM LA

**17.30-18-30: :** DEMONSTRATION AND PRACTICES APPROACH FROM SKULL BASE TO ANEURYSMS OF POSTERIOR CIRCULATION.

**1.30-19-30:** DEMONSTRATION OF MALFORMATIONS MODEL AV. Andrei Giovanni

**SUNDAY, DECEMBER 20, 2015**

**CONFERENCE HALL**

**09.00-09.30:** EXPERIMENTAL MODELS. J. Olabe

**09.30-10.00:** MICROVASCULAR TRAINING IN CHICKEN WING. J. Olabe.

**OPERATING ROOM SA**

**10.00-11.00:** DEMONSTRATION AND PRACTICES: Training model microvascular chicken wing.

**11.00-11.30:** BREAK. COFFEE.

**11.30-12.00:** PRACTICES: Training model microvascular chicken wing.

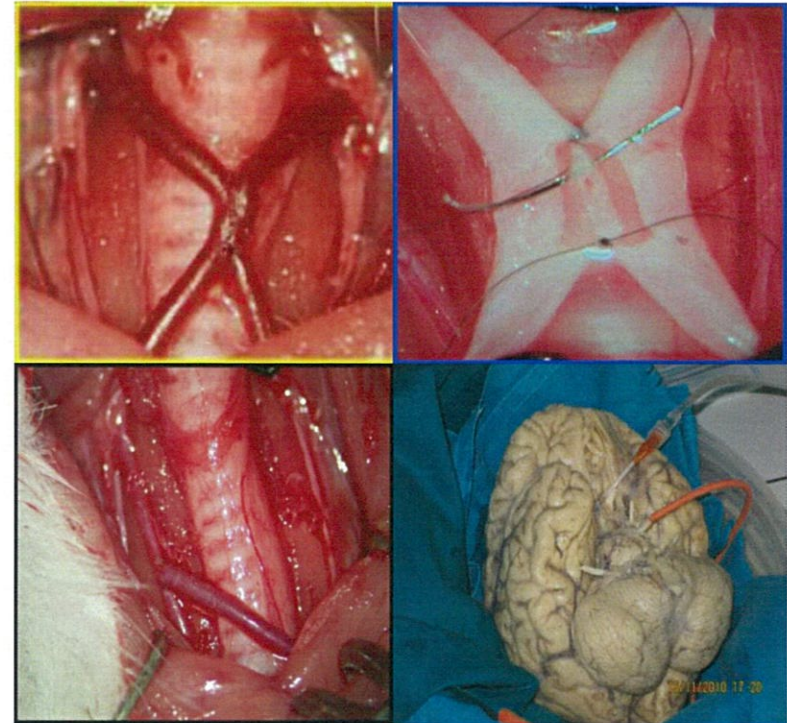
**12.30-14.00:** FREE PRACTICES.



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