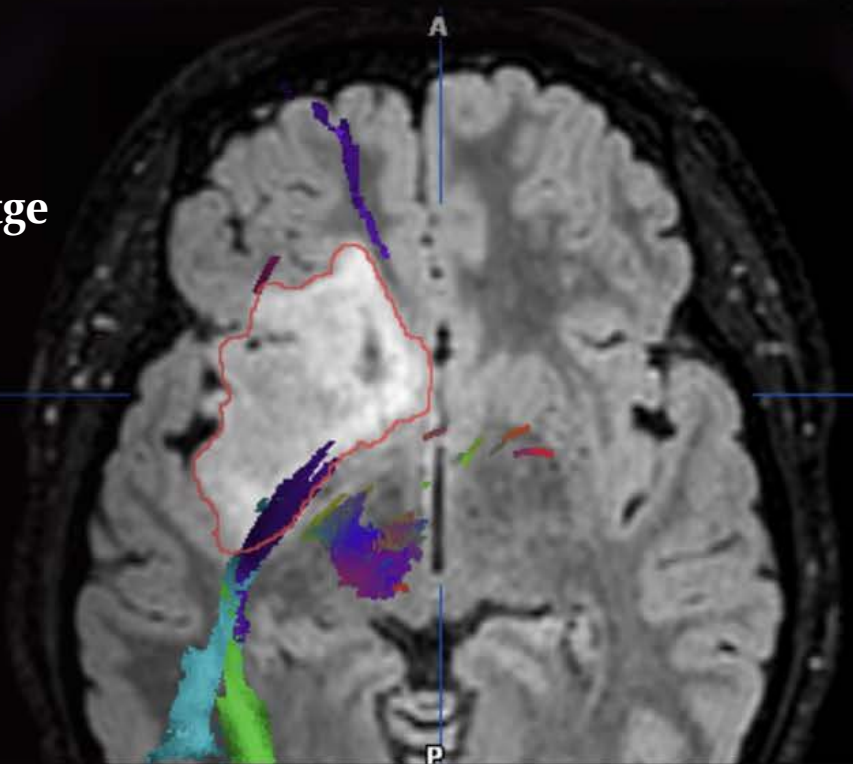


5th MAPPING COURSE BELLVITGE 2022

November **15th-18th**
2022

University Hospital of Bellvitge
Feixa Llarga, s/n
L'Hospitalet de Llobregat,
Barcelona (Spain)



MORE INFO:
www.mappingbellvitge.com

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DR. GERARD PLANS

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INVITED SPEAKERS:

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Professor and Chairman
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Department of Neurosciences
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DR. RICARD RAMOS

Human Anatomy and Embriology
Department
Hospital Universitari de Bellvitge
Universitat de Barcelona



TUESDAY | November 15TH

Location: Dissection room

14:30 - 15:00 Delivery of documentation

> **15:00 - 15:30** Introduction: How to perform fiber dissection in cadaveric specimens
Dr. Juan Martino / Dr. Alejandro Fernández-Coello

> **15:30 - 16:00** Introduction: How to perform fiber tractography in the lab
Dra. Àngels Camins / Dr. Pablo Naval-Baudin / Dr. Aleix Rosselló

> **16:00 - 17:30** **Group 1**
HANDS-ON WHITE MATTER FIBER DISSECTION:
Each participant will have one hemisphere to dissect

Group 2
HANDS ON WHITE MATTER DTI TRACTOGRAPHY:
Motor pathway tractography

17:30 - 18:00 **COFFEE**

> **18:00 - 19:30** **Group 1**
HANDS ON WHITE MATTER DTI TRACTOGRAPHY:
Motor pathway tractography

Group 2
HANDS-ON WHITE MATTER FIBER DISSECTION:
Each participant will have one hemisphere to dissect

WEDNESDAY | November 16TH

Location: Dissection room

> **09:00 – 09:30** How to simulate a surgical approach to the main language pathways
Dr. Juan Martino / Dr. Emmanuel Mandonnet / Dr. Alejandro Fernández-Coello

> **09:30 – 11:00** **Group 1**
HANDS ON SESSION SPECIMEN
Each participant will have one CUSA and one hemisphere to dissect

Group 2
HANDS ON SESSION DTI
Language pathways tractography

11:00 – 11:30 **COFFEE**

> **11:30 – 13:00** **Group 1**
HANDS ON SESSION DTI
Language pathways tractography

Group 2
HANDS ON SESSION SPECIMEN
Each participant will have one CUSA and one hemisphere to dissect

13:00 – 14:30 **LUNCH**

> **14:30 – 15:00** How to simulate a surgical approach to insular gliomas in the laboratory
Dr. Emmanuel Mandonnet

> **15:00 – 16:30** **Group 1**
HANDS ON SESSION SPECIMEN
Each participant will have one CUSA and one hemisphere to dissect

Group 2
HANDS ON SESSION DTI
Language pathways tractography

16:30 – 17:00 **COFFEE**

> **17:00 – 18:30** **Group 1**
HANDS ON SESSION DTI
Language pathways tractography

Group 2
HANDS ON SESSION SPECIMEN
Each participant will have one CUSA and one hemisphere to dissect

> PROGRAM

THURSDAY | November 17TH

Location: Bellvitge auditorium

08:15 – 08:45 Delivery of documentation

08:45 – 09:00 Welcome speech

- > **09:00 – 09:20** Introduction: Evolution of Neurosurgery in eloquent brain areas
Dr. Andreu Gabarrós
- 09:20 – 09:40** Neuroanatomy of the functional cortical brain areas
Dr. Alejandro Fernández-Coello
- 09:40 – 10:00** Neuroanatomy of the functional subcortical brain areas
Dr. Juan Martino
- 10:00 – 10:20** Functional magnetic resonance and tractography:
Preoperative evaluation of brain function through neuroimaging
Dra. Àngels Camins
- 10:20 – 10:30** *Discussion*

10:30 – 11:00 **COFFEE**

- > **11:00 – 11:20** Intraoperative. Neuromonitoring
Dra. Isabel Fernández-Conejero
- 11:20 – 11:40** Neuroanaesthesia management during eloquent brain surgery
Dra. Laura Pariente
- 11:40 – 12:00** Neuropsychological intraoperative evaluation of language: Tradition & research
Dra. Joanna Sierpowska
- 12:00 – 12:20** Mapping of cortical and subcortical functions in the awake patient
Dr. Andreu Gabarrós / Dr. Alejandro Fernández-Coello
- 12:20 – 12:40** Mapping and neuromonitoring of motor function in the asleep patient
Dr. Gerard Plans
- 12:40 – 13:00** *Discussion*

13:00 – 14:30 **LUNCH**

- > **14:30 – 15:00** How I do it: Tips & tricks session with the experts
Awake brain mapping
Dr. Hugues Duffau
- 15:00 – 15:30** Asleep motor mapping and neuromonitoring (*ONLINE*)
Dr. Francesco Sala
- 15:30 – 16:00** *Discussion*

16:00 – 16:30 **COFFEE**

- > **16:30 – 16:50** Intraoperative identification of the SMA in the awake patient
Dr. Andreu Gabarrós / Dr. Juan Martino
- 16:50 – 17:10** Mapping and neuromonitoring for extrinsic brain lesions
Dr. Pablo López-Ojeda / Dr. José Luis Sanmillán / Dr. Andreu Gabarrós
- 17:10 – 17:30** Mapping and neuromonitoring for insular tumors
Dr. Andreu Gabarrós / Dr. Alejandro Fernández-Coello
- 17:30 – 18:00** *Discussion and closing remarks*

DINNER (*Only for the full course participants*)

FRIDAY | November 18TH

Location: Bellvitge auditorium

2 LIVE SURGERIES

> 08:30 – 15:00 Operating Room 1 – AWAKE PATIENT

Perisylvian tumor resection assisted by neuronavigation and cortical/subcortical language brain mapping in the awake patient

> 08:30 – 15:00 Operating Room 2 – ASLEEP PATIENT

Perirolandic tumor resection assisted by neuronavigation, intraoperative neuro monitoring and cortical/subcortical evoked motor brain mapping in the asleep patient

11:00 – 11:30 *COFFEE / LUNCH DURING SESSION*

> 15:00 Closing remarks and delivery of certificates



VENUE

The training program will be developed in:

UNIVERSITY HOSPITAL BELLVITGE

Feixa Llarga, s/n
L'Hospitalet de Llobregat
BARCELONA
(Spain)

TECHNICAL SECRETARIAT

FORMEDIKA

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20014 San Sebastián (Spain)
Tel.: +34 943 468 441
E-mail: info@formedika.com

formedika
dental & medical education
formación médica y dental

REGISTRATION

The registration will be made through the website of the Technical Secretariat of **FORMEDIKA**:
www.formedika.com

Limited places! Registrations on first come first-served basis

COURSE ACCREDITATION

The course will be accredited by the EACCME and it will be divided in two sections: Mapping Course - Dissection and Mapping Course - Theory and live surgeries.

Therefore, in case the participant attended the full course, he/she would have two diplomas.

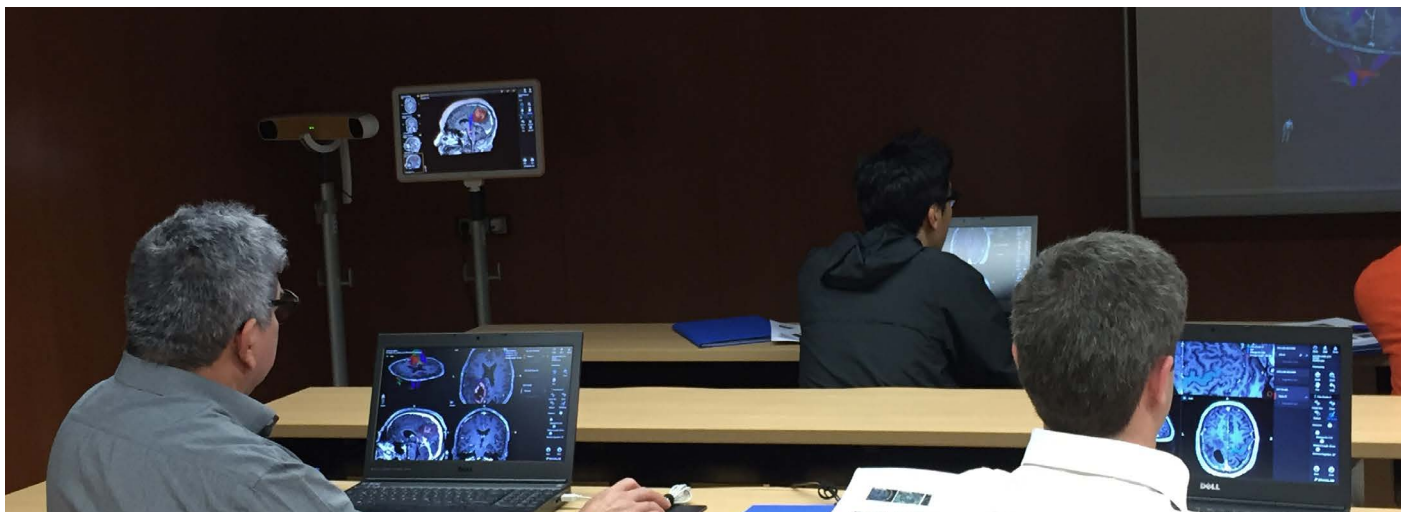
FEES

Full course	1.950 €
Theory and live surgeries (Thursday and Friday)	590 €
Video streaming for theory and live surgeries	90 €

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Note regarding Covid-19

Formedika is continuously monitoring the situation related to COVID-19 in order to avoid the interruption of planned events. However, taking into account the current situation, Formedika cannot exclude the possibility that the scheduled courses or congresses are postponed, canceled or interrupted due to external causes. Formedika strives to duly notify the news that may be in this regard, but recommends that you ensure that the trips and accommodation you reserve are refundable, since it will not be responsible for the expenses incurred by the assistant in case of change, modification or cancellation.



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