5th MAPPING COURSE
BELLVITGE 2022

November 15th-18th 2022

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

The scientific and educational content of this event has been endorsed by:

MORE INFO:
www.mappingbellvitge.com
 COURSE DIRECTOR:

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DR. GERARD PLANS
Brain Mapping Program
Neurosurgery Department
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INVITED SPEAKERS:

DR. HUGUES DUFFAU
Professor and Chairman
Neurosurgery Department
Centre Hospitalier Universitaire de Montpellier, France

DR. EMMANUEL MANDONNET
Neurosurgery Department
Hospital Lariboisière, Paris, France

DR. JUAN MARTINO
Professor
Neurosurgery Department
Hospital Universitario Marqués de Valdecilla, Santander, Spain

DR. FRANCESCO SALA
Professor and Chair
Section of Neurosurgery, Department of Neurosciences
Biomedicine and Movement Sciences
University Hospital Verona, Italy

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Hospital Universitari de Bellvitge

DRA. LAURA PARIENTE
Anesthesia Department
Hospital Universitari de Bellvitge

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
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

MORE INFO: www.mappingbellvitge.com
THURSDAY | November 17TH

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)

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

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<tbody>
<tr>
<td>Full course</td>
<td>1,950 €</td>
<td>1,755 € *</td>
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<tr>
<td>Theory and live surgeries (Thursday and Friday)</td>
<td>590 €</td>
<td>531 € *</td>
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<tr>
<td>Video streaming for theory and live surgeries</td>
<td>90 €</td>
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* Members of the EANS will get a 10% discount on the prices

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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.