

GENERAL INFORMATION

DATES AND LOCATION

December 4th-5th 2015. Barcelona, Spain

LECTURES:

Clinic University Hospital . Villarroel 170.
08036 Barcelona, Spain.

Sala de Actos. Left Wing from main entrance in Villarroel
Street 170. Take the Stairs number 9 to 11. 3rd Floor.

CADAVER. HANDS-ON DEMONSTRATION:

Dissection Room. Department of Anatomy, Barcelona Uni-
versity Medical School. Underground floor. Main entrance
from Casanova Street 143.

Course Directors

Prof. Jose De Andrés

Professor of Anesthesia, Valencia University Medical School
Chairman, Department of Anesthesiology and Critical Care
Director of the Multidisciplinary Pain Management Center
Valencia University General Hospital.
Tres Cruces s/n, 46014-Valencia (Spain)

Prof. Carmen Gomar

Professor of Anesthesia,
Barcelona University Medical School
Senior Specialist,
Department of Anesthesiology and Reanimation
Hospital Clinic i Provincial.
Villarroel 170. 08036 Barcelona, Spain.

Prof. Albert Prats

Professor of Anatomy, Barcelona University Medical School.
Casanova, 143. 08036 Barcelona, Spain.

TARGET AUDIENCE

This advanced course is designed for pain practitioners
(pain specialists, anesthesiologists, neurosurgeons) utilizing
invasive techniques for pain management.

Physicians attending the course should have at least 2
years of practice with ongoing use of neuromodulation
techniques in the treatment of chronic pain patients.

OBJECTIVES

After participation in this educational meeting, participants
should have an understanding of:

1. Basic neuroanatomy related with the performance of
pain therapies.
2. Clinical evidence regarding new and evolving treatments
for the treatment of pain.
3. Current imaging and electrophysiological technologies
relevant for performing diagnosis and performing the
invasive techniques for pain treatment.
4. Common clinical problems in chronic pain and current
recommendations for the evaluation and management
of these pain conditions.
5. Evidence-Based treatments in pain medicine.

6. Identify questions that need to be addressed to increa-
se knowledge of neuromodulation techniques use in
pain treatment.

7. How to design the Pain studies for obtaining better the
evidence.

ACCREDITATION

An Application has been made to the EACCME® for CME
accreditation of this event

REGISTRATION

Registration an conference package fee: 1.600,00 €

To register for this programme, please contact with:

EUROPEAN CONTINUING MEDICAL TRAINING

Cora Vugts

Email: registration@ecmt-training.com

LOCAL ORGANISER:

Cristina Cruz. FUNDOLOR

Email: fundolor_hgv@gva.es

Multidisciplinary Pain Management Department

Anesthesia Departmen

Consorcio Hospital General Universitario de Valencia

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The fee includes:

- Registration
- Conference package
- Meals (2 lunch work and 1 dinner)
- Accommodation (bed & breakfast) 2 nights

Each delegate is responsible for his/her travel arrange-
ments, according the course schedule

NEXT COURSES

COURSE XII - December 2nd-3rd 2016

COURSE XIII - November 24th-25th 2017

Our gratitude for the collaboration given by the following
companies:

PHILIPS

Under the auspicious of:



ADVANCED COURSE

CLINICAL & BASIC SCIENCE FOR THE MANAGEMENT OF THE CHRONIC PAIN PATIENT: NEUROSTIMULATION-COURSE XI

December 4th - 5th 2015

Barcelona, Spain

Organised by:



SERVICIO DE ANESTESIOLOGÍA
REANIMACIÓN Y TRATAMIENTO
DEL DOLOR



ANESTHESIOLOGIA ACADEMIC AREA
DPT OF SURGERY AND SURGICAL SPECIALITIES.
HUMAN ANATOMY AND EMBRIOLOGY UNIT.
UNIVERSITY OF BARCELONA

Under the auspicious of



Congress Organiser:

Cristina Cruz

FUNDOLOR

Multidisciplinary Pain Management Department

Anesthesia Department

Consorcio Hospital General Universitario de Valencia

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MORE INFORMATION ON www.academyfundolor.org

Day 1 - Friday 4th December 2015
BASIC SCIENCE

Time	Session	Speakers
08.15 - 8.30	Introduction and Welcome	José De Andrés Carmen Gomar Albert Prats
08.30 - 10.00	ANATOMY FOR PAIN CLINICIANS	
08.30 - 09.00	Anatomy for Cranial and cervical procedures.	Albert Prats
09.00 - 09.30	Anatomy for lumbar and sacral procedures.	M ^a Isabel Miguel
09.30 - 10.00	Applied Anatomy for spinal cord neuromodulation.	José De Andrés
10.00 - 13.00	IMAGING TECHNIQUES FOR PAIN CLINICIANS	
10.00 - 10.30	SAFETY AND SETTINGS FOR BETTER X-RAY IMAGES 1.- What do you need to know about your machine. 2.- How to use correctly-safety procedures. 3.- Which C arm must I buy for doing my practice?	Jordi Blasco
10.30 - 11.00	MRI and CT-Scan (modalities) How to make the best selection for the intended diagnosis.	Beatriz Gómez-Ansón
11.00 - 11.30	Break	
11.30 - 13.30	NEUROPHYSIOLOGY FOR CHRONIC PAIN PATIENT How to make the best selection for the intended diagnosis.	
11.30 - 12.00	1.- Conventional nerve conduction and electromyography. 2.- Brainstem and spinal cord reflex studies. 3.- Autonomic nervous system functions.	Josep Valls
12.00 - 12.30	Neural mechanisms of spinal cord stimulation.	Bengt Linderöth
12.30 - 13.00	Assessment of neuropathic component and sensory profiles as evaluation tool of patient for neurostimulation therapy	Didier Bouhassira
13.00 - 13.30	Functional imaging as evaluation tool of pain therapy with neurostimulation	Luis García-Larrea
13.45 - 15.00	Lunch	
15.30 - 19.30	CADAVER. HANDS-ON DEMONSTRATION 1. Neuromodulation PNS Cadaver Station CADAVER (2) HEADS-NECK Cadaver 1 supine supratrochlear and supraorbital Cadaver 2 Prone Occipital 2. Percutaneous MRI compatible lead and anchoring systems CADAVER (1) Prone Trunk-Neck + SPINE (1) 3. Neuromodulation Sacral stimulation Cadaver Station CADAVER (1) PRONE Trunk with Pelvis + SPINE (1) Techniques retrograde –trans Foraminal - transhiatal 4. Neuromodulation Abdominal pain Cadaver Station CADAVER (1) Prone Trunk-Neck + SPINE (1) 5. Ultrasonography Station MODEL (2) + SPINE (1) 6. Technical Station Devices and programming	Jean Pierre Van Buyten Gustavo Fabregat Sam Eldabe Leo Kapural Urs Eichenberger Tomás Domingo Jose Luis Durá
19.30	Closing of the day	
20.30	Dinner	

Day 2 - Saturday 5th December 2015
CLINICAL SCIENCE

Time	Session	Speakers
08.30 - 09.30	TECHNICAL SECTION	
08.30 - 9.00	Improving the effectiveness of the electric field in the neural target in search of the key setting: frequency, accelerometer, Percutaneous Paddle Lead, Current?	Bengt Linderöth
09.00 - 09.30	Guidelines for reducing complications in neurostimulation practice	Sam Eldabe
09.30 - 13.30	DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT: Patient Selection criteria; Hardware selection; Technique of implant; Trial criteria; Programming; Follow-up	
09.30 - 10.00	Cervicogenic syndromes	José De Andrés
10.00 - 10.30	Failed back surgery syndrome. Current neuromodulation management	Jean Pierre Van Buyten
10.30 - 11.00	Break	
11.00 - 11.30	Spinal cord stimulation on peripheral blood flow and ischemia-reperfusion animal model	Bengt Linderöth
11.30 - 12.00	Neuromodulation of thoracic visceroreceptive transmission	Sam Eldabe
12.00 - 12.30	Abdominal Pain using neuromodulation techniques	Leo Kapural
12.30 - 13.00	Pelvic and Perineal Pain	José De Andrés
13.00 - 13.30	Chronic Regional Pain Syndromes	Leo Kapural
13.30 - 13.35	Closing Remarks	Carmen Gomar José De Andrés
13.45 - 15.00	Lunch	
15.30	Departures	

List of Speakers

Jordi Blasco MD
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Didier Bouhassira MD
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