

GENERAL INFORMATION

DATES AND LOCATION

November, 24th-25th 2017. 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,
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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

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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Phone + 34 96 1199626

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 XIV

November 30th-December 1st 2018. Barcelona, Spain

COURSE XV

November 29th-30th 2019. Barcelona, Spain

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 XIII

November 24th- 25th, 2017

Barcelona, Spain

Organised by:



SERVICIO DE ANESTESIOLOGÍA
REANIMACIÓN Y TRATAMIENTO
DEL DOLOR



ANESTHESIOLOGY 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 24th November 2017
BASIC SCIENCE

Time	Session	Speakers
08.30 - 8.40	Introduction and Welcome	José De Andrés Carmen Gomar Albert Prats
08.40 - 10.00	ANATOMY FOR PAIN CLINICIANS	
08.40 - 09.30	Anatomy for Cranial and spine procedures.	Albert Prats
09.30 - 10.00	Applied Anatomy for spinal cord neuromodulation.	José De Andrés
10.00 - 11.00	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 CLINICIANS	
11.30 - 12.00	Neurophysiological mechanisms of spinal cord stimulation.	Bengt Linderoth
12.00 - 12.30	Changes in somatosensory evoked potentials and "motor" function and correlation with spinal cord stimulation mechanisms of action	Michelangelo Buonocore
12.30 - 13.00	Quantitative sensory testing as evaluation tool of patient with neuropathic pain candidate for Neurostimulation therapy. Is the QST an alternative for long term follow up	Didier Bouhassira
13.00 - 13.30	Cortical stimulation for pain control. From anecdote to evidence via neurophysiology and imaging	Luis García-Larrea
13.45 - 15.00	Lunch	
15.30 - 19.30	CADAVER. HANDS-ON DEMONSTRATION 1. Neuromodulation PNS CADAVER (2) HEADS-NECK Cadaver 1 supine supratroclear and supraorbital Sphenopalatine ganglion stimulation Cadaver 2 Prone Occipital nerve stimulation (ONS) 2. Percutaneous lead paraspinal insertion anchoring systems. Tunnelling and pocket creation CADAVER (1) Prone Trunk-Neck 3. Retrograde stimulation transforaminal, sacral perineal stimulation CADAVER (1) PRONE Trunk with Pelvis Techniques retrograde –trans Foraminal 4. Neuromodulation Visceral pain CADAVER (1) Prone Trunk-Neck 5 Ultrasonography Station MODEL (2) 6 Technical Station Devices and programming	Jean Pierre Van Buyten Kliment Gatzinsky Sam Eldabe Leo Kapural Urs Eichenberger Gustavo Fabregat Jose Luis Durá Gabriel Calatayud
19.30	Closing of the day	
20.30	Dinner	

Day 2 - Saturday 25 November 2017
CLINICAL SCIENCE

Time	Session	Speakers
08.30 - 09.30	TECHNICAL SECTION	
08.30 - 9.00	Hardware selection and its influence in outcome	José De Andrés
09.00 - 09.30	Ways to improve effectiveness of Spinal Cord Stimulation: new SCS algorithms; modulation of stimulation parameters; different leads; adjunct pharmacotherapy	Bengt Linderoth
09.30 - 10.00	Interactions with Medical, electrical and/or magnetic equipment e.g. diathermy, physiotherapy equipment; MRI scanners; other implanted devices e.g. cardiac pacemakers. Microwaves, security checkpoint (airports, department stores and shopping malls) and other exposing radiations in daily live	Aafje tom Dieck
10.00 - 13.30	DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT:	
10.00 - 10.30	Peripheral Nerve stimulation. Current indications and modalities and their evidence based in outcomes	Kliment Gatzinsky
10.30 - 11.00	Break	
11.00 - 11.30	Current neuromodulation management of Neuropathic pain conditions: FBSS; Diabetic neuropathy; Postherpetic Neuropathy; Trigeminal Neuropathy, Persistent Postoperative Neuropathic Pain	Jean Pierre Van Buyten
11.30 - 12.00	Spinal cord stimulation for critical peripheral ischemia and phantom limb pain. Mechanisms and outcomes	Bengt Linderoth
12.00 - 12.30	Neuromodulation of visceroreceptive transmission. Thoracic and abdominal targets	Leo Kapural
12.30 - 13.00	Pelvic and Perineal Pain management using neuromodulation techniques	Sam Eldabe
13.00 - 13.30	Supraspinal stimulation for treatment of refractory pain	Kliment Gatzinsky
13.30 - 13.35	Closing Remarks	Carmen Gomar José De Andrés
13.45 - 15.00	Lunch	
15.30	Departures	

List of Speakers

Michelangelo Buonocore
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