

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 University 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 increase 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 and 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 Department

Consorcio Hospital General Universitario de Valencia

Avda. Tres Cruces, s/n. 46014-Valencia (Spain)

Email: cruz_cri@gva.es

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 arrangements, according to 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:



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



ANESTHESIOLOGY ACADEMIC AREA
DPT OF SURGERY AND SURGICAL SPECIALTIES.
HUMAN ANATOMY AND EMBRIOLOGY UNIT.
UNIVERSITY OF BARCELONA



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 Craneal 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 Linderöth
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 Konstantin Slavin Sam Eldabe Leo Kapural Urs Eichenberger Gustavo Fabregat Jose Luis Durá
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 Linderöth
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	Konstantin Slavin
10.30 - 11.00	Break	
11.00 - 11.30	Current neuromodulation management of Neuropathic pain conditions: FBSS; Diabetic neuropathy; Postherpetic Neuropathy; Siringomiely; Restless legs pain syndrome	Jean Pierre Van Buyten
11.30 - 12.00	Spinal cord stimulation for critical peripheral ischemia and phantom limb pain. Mechanisms and outcomes	Bengt Linderöth
12.00 - 12.30	Neuromodulation of visceroreceptive transmission. Thoracic and addominal 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	Konstantin Slavin
13.30 - 13.35	Closing Remarks	Carmen Gomar José De Andrés
13.45 - 15.00	Lunch	
15.30	Departures	

List of Speakers

Michelangelo Buonocore Unit of Clinical Neurophysiology and Neurodiagnostic Skin Biopsy, Fondazione Salvatore Maugeri, Scientific Institute of Pavia, Pavia, Italy. michelangelo.buonocore@fsm.it Jordi Blasco MD Interventional radiologist Unit of Intervencionist Vascular Radiology Hospital Clinic i Provincial. Barcelona, Spain jblasco@clinic.ub.es Didier Bouhassira MD Neurologist Centre de Traitement et d'Evaluation de la Douleur CHU Ambroise Paré Boulogne-Billancourt, France didier.bouhassira@apr.aphp.fr José De Andrés MD, PhD Anesthesiologist Valencia University Medical School General University Hospital. Valencia, Spain. deandres_jos@gva.es Jose Luis Durá MSc Electronic Engineer. Polytechnic College. Valencia, Spain jldura@tecnosalud.es Urs Eichenberger MD Anesthesiologist Balgrist University Hospital Zurich. Switzerland Urs.Eichenberger@balgrist.ch	Sam Eldabe MD Anesthesiologist The James Cook University Hospital. Middlesbrough, United Kingdom seldabe@mac.com Gustavo Fabregat MD, PhD Anesthesiologist General University Hospital. Valencia, Spain gfabregat@gmail.com Leonardo Kapural, MD, PhD Anesthesiologist Chronic Pain Center Wake Forest University Winston-Salem, NC 27103 lkapural@ccrpain.com kapural@ameritech.net Luis Garcia-Larrea MD, PhD Clinical Neurophysiology INSERM Unit "Central Integration of Pain in Humans" Centre for Neuroscience. Lyon, France luis.garcia-larrea@univ-lyon1.fr Beatriz Gómez-Anson MD Neuroradiologist Neuroradiology Unit Hospital Santa Cruz y San Pablo. Barcelona, Spain bgomeza@santpau.cat Ashish Gulve MD The James Cook University Hospital Middlesbrough. United Kingdom ashish.gulve@stees.nhs.uk	Bengt Linderöth MD Neurosurgeon Karolinska Institutet, Dept. Clinical Neuroscience, Section of Neurosurgery bengt.linderöth@ki.se Albert Prats MD, PhD Professor of Anatomy Anatomy Department University of Barcelona. Barcelona, Spain aprats@ub.edu Konstantin V. Slavin, MD Professor. Dpt. of Neurosurgery. University of Illinois, Chicago (USA) kslavin@uic.edu Aafje tom Dieck Therapy Development Manager intrathecale Pumpentherapie Restorative Therapies Group Germany aafje.tom.dieck@medtronic.com Josep Valls MD Clinical Neurophysiology Neurology Department Hospital Clinic i Provincial. Barcelona, Spain JVALLS@clinic.cat Jean Pierre Van Buyten MD Anesthesiologist Pain Clinic AZ Maria Middelares Sint-Niklaas. Belgium vanbuyten@skynet.be
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