GENERAL INFORMATION

DATES AND LOCATION

December 4th-5th, 2020. 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 DEMOSTRATION:
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,
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Villarroel 170. 08036 Barcelona, Spain.
Prof. Albert Prats
Professor of Anatomy, Barcelona University Medical School.
Casanova, 143. 08036 Barcelona, Spain.
Course Co-Directors
Gustavo Fabregat, MD, PhD
Xavier Sala-Blanch, MD, PhD

TARGET AUDIENCE

This advanced course is designed for pain practicioners (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 fir the treatment of pain.
3. Current imaging and electrophysiological technologies relevant for performing diagnosis and performing the invasive tecniques 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. Indentify 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: 1800€
To register for this programme, please contact with:
Cristina Cruz. ACADEMY FUNDOLOR
Email: cruz_cri@gva.es
Multidisciplinary Pain Management Department
Anesthesia Departmen
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 the course schedule

NEXT COURSES
COURSE XVII
Barcelona, Spain

Our gratitude for the collaboration given by the following companies:

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ADVANCED PAIN CADAVER COURSE

16th NEUROSTIMULATION-COURSE

December 4th-5th, 2020
Barcelona, Spain

CLINICAL & BASIC SCIENCE FOR THE MANAGEMENT OF THE CHRONIC PAIN PATIENT

Organised by:

academy fundolor

VNIVERSITAT DE VALÈNCIA
Facultat de Medicina i Odontologia
Department de Cirugia

CONSORCI HOSPITAL GENERAL UNIVERSITARI VALÈNCIA
SERVICIO DE ANESTESIOLOGÍA REANIMACIÓN Y TRATAMIENTO DEL DOLOR

UNIVERSITAT DE BARCELONA
ANESTHESIOLOGY ACADEMIC AREA
DPT OF SURGERY AND SURGICAL SPECIALITIES.
HUMAN ANATOMY AND EMBRIOLOGY UNIT.
UNIVERSITY OF BARCELONA

Under the auspicious of

Sociedad Europea de Anestesia Regional y Tratamiento del Dolor
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Congress Organiser:
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MORE INFORMATION ON www.academyfundolor.org

Day 1 - Friday 4th December 2020
BASIC SCIENCE

Time	Session	Faculty
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 and DRG.	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. New imaging modalities and repercussion in pain 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	Intraoperative neurophysiological monitoring, and evoked compound action potentials (ECAP) in neuromodulation for optimization Spinal Cord Stimulation and Dorsal Root Ganglion Stimulation practice	Steven Falowski
12.30 - 13.00	Technology for outcome prediction in Neurostimulation: OMICs, fMRI, Mathematical Models and Computer Simulations	José De Andrés
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**	
15.00 - 20.00	**CADAVER. HANDS-ON DEMOSTRATION** **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 ANTEROGRADE lead paraspinal insertion anchoring systems** CADAVER (1) Prone Trunk-Neck **3. Percutaneous RETROGRADE lead paraspinal insertion Pelvic and perineal stimulacion for somatic and visceral pain** CADAVER (1) PRONE Trunk with Pelvis **4. DRG neuromodulation lead insertion: Percutaneous and Endoscopic Navigation** CADAVER (1) Prone Trunk-Neck **5. Ultrasonography Station** HUMAN MODEL (1) Spine structures identification for the practices of SCS neurostimulation CADAVER (1) PNS insertion with US guidance. Lower Limb **6. Technical Station** Devices and programming	Jean P. Van Buyten Steven Falowski Sudhir Diwan Gregor Bara Urs Eichenberger Gustavo Fabregat Jose Luis Durá
20.00	**Closing of the day**	
20.30	**Dinner**	

Day 2 - Saturday 5th December 2020
CLINICAL SCIENCE

Time	Interactive procedural based session Case based practice	Faculty
08.30 - 09.30	**PROCEDURAL CONSIDERATIONS AND PATIENT MANAGEMENT: CASE BASED**	
08.30 - 9.00	Hardware selection in neurostimulation for chronic pain, and its influence in outcome	Gregor Bara
09.00 - 09.30	SCS Interactions with Medical, electrical and/or magnetic equipment. Guidelines for reducing complications in neurostimulation practice.	José De Andrés
09.30 - 13.30	**DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT: CASED BASED**	
09.30 - 10.00	Cranio facial pain and its management with neurostimulation procedures	Jean P. Van Buyten
10.00 - 10.30	Neuromodulation of visceroreceptive transmission: Thoracic and abdominal targets for pain management	Sam Eldabe
10.30 - 11.00	**Break**	
11.00 - 11.30	Spinal cord stimulation for neuropathic pain. Mechanisms and outcomes related with indications: FBSS and what else?	Steven Falowski
11.30 - 12.00	Spinal cord stimulation for Peripheral arterial occlusive disease (PAOD) and angina Pectoris	Bengt Linderoth
12.00 - 12.30	DRG stimulation indication in current clinical practice	Sam Eldabe
12.30 - 13.00	Clinical management of Pelvic and Perineal Pain using neuromodulation techniques	Sudhir Diwan
13.00 - 13.30	Neuromodulation management with Peripheral Nerve stimulation (PNS). In the search of the indications? Shoulder, Groin, Knee?	Sudhir Diwan
13.30 - 13.35	Learning case scenarios interactive discussion	José De Andrés
	Closing Remarks	
14.00 - 15.30	**Lunch**	
15.30	**Departures**	

Faculties

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