

GENERAL INFORMATION

This is an online course requiring self-learning

DATES AND LOCATION

December 4th, 2020 - January 14th, 2021

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

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Course Co-Directors

Gustavo Fabregat, MD, PhD
Xavier Sala-Blanch, MD, PhD

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. Identify questions that need to be addressed to increase knowledge of neuromodulation techniques use in pain treatment.
6. 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 FEE: 150,00€

To register for this programme, enter the website <https://www.academyfundolor.org/en/> and register for the NEUROSTIMULATION COURSE
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NEXT COURSES

COURSE XVII
December, 3rd-4th, 2021
Barcelona, Spain

Our gratitude for the collaboration given by the following companies:

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ONLINE COURSE

ADVANCED PAIN CADAVER COURSE

16th NEUROSTIMULATION-COURSE

December 4th, 2020 - January 14th, 2021

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

Organised by:



UNIVERSITAT ID VALÈNCIA
Facultat de Medicina i Ciències
Departament de Cirurgia



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:

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MORE INFORMATION ON www.academyfundolor.org

BASIC SCIENCE

	Session	Faculty
	Introduction and Welcome	José De Andrés Carmen Gomar Albert Prats
	ANATOMY FOR PAIN CLINICIANS	
	Anatomy for Craneal and spine procedures.	Albert Prats
	Applied Anatomy for spinal cord and DRG.	José De Andrés
	IMAGING TECHNIQUES FOR PAIN CLINICIANS	
	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
	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
	NEUROPHYSIOLOGY FOR CHRONIC PAIN CLINICIANS	
	Neurophysiological mechanisms of spinal cord stimulation.	Bert Joosten
	Intraoperative neurophysiological monitoring, and evoked compound action potentials (ECAP) in neuromodulation for optimization Spinal Cord Stimulation and Dorsal Root Ganglion Stimulation practice	Steven Falowski
	Technology for outcome prediction in Neurostimulation: OMICs, fMRI, Mathematical Models and Computer Simulations	José De Andrés
	Cortical stimulation for pain control. From anecdote to evidence via neurophysiology and imaging	Luis García-Larrea
	TECHNICAL PROCEDURES	
	Neuromodulation PNS 1 Supratroclear and supraorbital 2 Occipital nerve stimulation (ONS) 3 Other PNS indications: gasser ganglion	Jean P. Van Buyten
	Percutaneous ANTEROGRADE lead paraspinal insertion anchoring systems	Steven Falowski
	Percutaneous RETROGRADE lead paraspinal insertion Pelvic and perineal stimulation for somatic and visceral pain	Sudhir Diwan
	DRG neuromodulation lead insertion: Percutaneous and Endoscopic Navigation	Gregor Bara
	Ultrasonography Station (1) Spine structures identification for the practices of SCS neurostimulation (2) PNS insertion with US guidance. Lower Limb	Urs Eichenberger Gustavo Fabregat
	Technical Station Devices and programming	Jose Luis Durá

CLINICAL SCIENCE

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

Faculties

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