

GENERAL INFORMATION

DATES AND LOCATION

December, 2nd-3rd, 2022. 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. Albert Prats

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

Dr. Xavier Sala-Blanch

Associate Professor of Anesthesia.

Barcelona University Medical School

Department of Abesthesiology and Reanimation

Hospital Clinic i Provincial

Villarroel 170. 08036 Barcelona. Spain

Course Co-Director

Gustavo Fabregat, 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.

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: 1600

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 96 345 54 85

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 COURSE:

19th NEUROSTIMULATION COURSE

December 1st-2nd, 2023

ADVANCED PAIN CADAVER COURSE

NEUROSTIMULATION-COURSE 18th

December 2nd-3rd, 2022

Barcelona, Spain

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

Organised by:



UNIVERSITAT ID VALÈNCIA (U+V)
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:

Cristina Cruz

ACADEMY 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 2nd December 2022
BASIC SCIENCE

Time	Session	Faculty
08.15-8.30	Introduction and Welcome	José De Andrés Albert Prats
08.30-10.00	ANATOMY FOR PAIN CLINICIANS	
08.30-09.30	Anatomy for Craneal and Spine procedures	Albert Prats
09.30-10.00	Applied Anatomy for the practice of spinal cord and DRG neuro-modulation	Jose De Andres
10.00-11.00	NEUROBIOLOGY and PHYSIOLOGY FOR PAIN CLINICIANS	
10.00-10.30	Targeting Non-Dorsal Column, Non-Axonal Structures. Understanding its neurophysiological basis	Steven Falowsky
10.30-11.00	Technology for outcome prediction in Neurostimulation: Machine Learning Algorithms	Philippe Rigoard
11.00-11.30	Break	
11.30-12.00	Intraoperative neuromonitoring, in Placement of Percutaneous Dorsal Root Ganglion Stimulation and Spinal Cord Stimulation Systems	Steven Falowsky
12.00-12.30	The concept of Dosage in Neuromodulation Therapy. Understanding the role of different stimulation wave and types of waveform	Alex Green
12.30-13.00	OMICs, fMRI, <i>Mathematical Models</i> and <i>Computer Simulations</i>	Jose De Andres
13.00-13.30	SCS Interactions with Medical, electrical and/or magnetic equipment. Guidelines for reducing complications in neurostimulation practice.	Jose De Andres
15.00-20.00	CADAVER. HANDS-ON DEMOSTRATION	
	1. Neuromodulation with ECAP Cadaver Station	Steven Falowsky
	2. Percutaneous ANTEROGRADE lead paraspinal All-in-one (single stage) approach. Tunnelling and pocket creation	Sam Eldabe
	3. Percutaneous RETROGRADE lead paraspinal insertion Pelvic and perineal stimulation for somatic and visceral pain Cadaver Station	Philippe Rigoard
	4. DRG neuromodulation lead insertion • Percutaneous • Endoscopic Navigation Cadaver Station	Alex Green
	5. Ultrasonography Stations • Spine structures identificacion for the practice of SCS neurostimulation	Andrzej Krol
	6. PNS insertion with US guidance	Alejandro Ortega
	7. Technical Station Devices and programming	Jose Luis Durá
20.00	Closing of the Day	

Day 2 - Saturday 3rd December 2022
CLINICAL SCIENCE

Time	Session	Faculty
08.15-10.00	TECHNICAL SECTION	
08.30-09.00	Trial versus No Trial of Spinal Cord Stimulation	Sam Eldabe
09.00-09.30	How to manage habituation and loss of efficacy in clinical practice	Philippe Rigoard
09.30-10.00	Improving SCS clinical Outcome with Patient Specific Physiological Monitoring	Steven Falowsky
10.00-10.30	Neurostimulation alternatives for "Persistent Spinal Pain Syndrome"	Philippe Rigoard
10.30-11.00	Break	
11.00-13.30	DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT	
11.00-11.30	Neuromodulation por chronic visceral pain	Sam Eldabe
11.30-12.00	Neuromodulation in Treating Pelvic Pain	José De Andrés
12:00-12:30	New clinical targets for Neuromodulation: Parkinson, Inflammation and Related Organ Dysfunction, Neuropathic COVID-19 Sequelae	Steven Falowsky
12.30-13.00	Neuromodulation management with Peripheral Nerve stimulation (PNS). In the search of the indications? Shoulder, Groin, Knee?	Alejandro Ortega
13.00-13.30	DRG stimulation indication in current clinical practice	Alex Green
13.30-13.35	Learning Cases Scenarios. Interactive discusion	Jose De Andres
13.30-13.35	Closing Remarks	José De Andrés
14.00-15.30	Lunch	
15.30	Departures	

Faculty

José De Andrés MD, PhD, FIPP, EDRA, EDPM

Anesthesiologist
Professor of Anesthesia. Valencia University Medical School.
Chairman. Department of Aneshtesiology and Critical Care.
Director of Multidisciplinary Pain Management Center. General University Hospital. Valencia.Spain.

Jose Luis Durá MSc

Electronic Engineer.
Polytechnic College. Valencia. Spain

Sam Eldabe MD

Anesthesiologist
The James Cook University Hospital.
Middlesbrough. United Kingdom

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