

## GENERAL INFORMATION

### LOCATION

#### 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

### AIM OF THE COURSE and TARGET AUDIENCE

This course will consist of hands-on practice with the cadaver, and interactive sessions. The aim of this course is to provide the participant information and all possibilities pain medicine today provides for the management of patients with chronic pain. The correct diagnosis and appropriate therapeutic selection will be the keys to the success of treatment achieved.

This course is designed for Pain physicians or pain medicine fellows in training (pain specialists, anesthesiologists, neurosurgeons), interested in the practice of pain management, who seek the latest developments in interventional techniques, also seeking CME credit hours and introduction or review of proven interventional techniques. The participants of this course must have basic knowledge of pain medicine and practice of interventional procedures. The course serves to introduce new ways of working, consolidate previously acquired knowledge and teach new procedures to improve the professional capacity of the physician.

### We recommend these books as reference preparation

- S. Diwan, P. Staats Atlas of Pain medicine Procedures. Mc Graw – Hill Education. Medical 2015.
- P. Raj, L. Lou Interventional Pain Management: Image-guided Procedures. Saunders/Elsevier, 2008
- SN. Narouze. Atlas of Ultrasound-Guided Procedures in Interventional Pain Management. Springer, 2011
- MA. Reina, J De Andres, A. Hadzic, A. Prats-Galino, X. Sala-Blanch. Atlas of functional anatomy for regional anesthesia and Pain Medicine. Springer, 2015

### BY ATTENDING, PARTICIPANT WILL BE ABLE TO:

Physicians should be able to integrate multiple aspects of ultrasound and fluoroscopy in interventional pain management in treating their patients so that patients have better outcomes.

This 2-day hands on cadaver course will promote a better understanding of the anatomy and pathophysiology, involved in chronic pain, and critically review novel state-of-the-art interventional techniques for management of chronic pain. We offer live fluoroscopy-guided and ultrasound-guided workshops covering head upper, lower extremities, trunk and pelvic-perineal procedures.

Each cadaver station is limited to a maximum of 7 participants. C-arms, ultrasonography and state-of-the-art equipment are utilized in this course.

Our faculty consists of internationally renowned experts in the field of interventional techniques.

### OBJECTIVES

After participation in this educational meeting, participants should have an understanding of:

- 1.-Basic neuroanatomy related with the performance of pain therapies
- 2.-Identify questions that need to be addressed to increase knowledge of interventional procedures used in pain treatment
- 3.-Perform craneo-facial and spinal procedures of the cervical, dorsal lumbar spine and pelvis.
- 4.-Define the characteristics of an ultrasound image and identify all landmarks of the cervical, lumbar and caudal.
- 5.-Define the principals and standards of an MSK ultrasound examination and perform ultrasound guided MSK injections of the shoulder, trunk, hip and knee.

### ACCREDITATION

An Application has been made to the EACCME® for CME accreditation of this event provided by the **European Union of Medical Specialists (UEMS)**

The UEMS-EACCME® has mutual recognition agreements, for live events, with the American Medical Association (AMA) and with the Royal College of Physicians and Surgeons of Canada.

### REGISTRATION

Registration fee: 1.700'00 €

To register for this course contact with  
Cristina Cruz.

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 96 345 5485

The fee includes:

- Registration
- Conference package
- Meals (2 lunch work and 1 dinner)
- Accommodation (2 nights Thursday & Friday)

Each delegate is responsible for his/her Travel arrangements, according the course schedule

This program is developed with the support of:

## ADVANCED PAIN COURSE

# INTERVENTIONAL PROCEDURES FOR THE MANAGEMENT OF THE CHRONIC PAIN PATIENT COURSE 7TH

May 12th-13th 2023  
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



UNIVERSITAT DE VALÈNCIA  
Facultat de Medicina i Ciències  
Departament de Cirurgia

Supported by



Course Organiser:

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MORE INFORMATION ON [www.academyfundolor.org](http://www.academyfundolor.org)

Day 1 - Friday 12th May 2023  
CRANEAL CERVICAL & THORACIC

Time	Session	Faculty
08.00-08.10	Introduction and Welcome	José De Andrés Albert Prats
08.15-09.30	<b>ANATOMY FOR PAIN CLINICIANS</b>	
08.15-08.40	Anatomy for Craneofacial procedures Anatomy for Cervical Procedures	Alberto Prats
08.40-09.05	Anatomy for Thoracic Procedures	Alberto Prats
09.05-09.30	Anatomy for lumbosacral Procedures	Alberto Prats
09.30-10.30	<b>IMAGING FOR PAIN CLINICIANS</b>	
09.30-10.00	<b>SAFETY AND SETTINGS FOR BETTER X-RAY IMAGES</b> 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
10.00-10.30	Basic Knowledge in the management of Ultrasonography	Andrzej Krol
10.30-11.00	Break	
11.00-13.30	<b>INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMOSTRATION</b> <b>Station 1</b> Atlanto occipital Joint injections Atlanto axial Joint injections <b>Station 2</b> Sphenopalatine ganglion procedures Gasser Ganglion procedures <b>Station 3</b> Cervical Discogenic pain. Disc approach for discography and Procedures <b>Station 4</b> Thoracic pain Radiofrequency of the DRG & facet joints <b>Station 5 Ultrasonography</b> Cervical Medial-Branch and Facet Joint Injections Cervical Selective Nerve Root (Transforaminal) Injection <b>Station 6 Ultrasonography</b> Stellate ganglion block; Suprascapular & Shoulder Joint and Bursa	Aaron Calodney Michal But Stefano Marcia Thomas Haag Andrzej Krol Alejandro Ortega
13.45-15.30	Lunch	
16.00-18.30	<b>INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMOSTRATION</b> <b>Station 1</b> DRG C2 - C3 - C6 <b>Station 2</b> Cervical Discogenic pain. Laser Radiofrequency Hydrogel <b>Station 3</b> Epiduroscopy Basic principles and treatment <b>Station 4</b> Radiofrequency Sacroiliac Joint. Cool RF <b>Station 5 Ultrasonography</b> Occipital Nerve; Parascapular Sub-Iliocostalis Plane and erector spinae muscle Block <b>Station 6 Ultrasonography</b> Rhomboid Intercostal and Suberratus Plane Block Thoracic wall blocks (PECS I, PECS II and Serratus plane block)	Aaron Calodney Stefano Marcia Stefano Meloncelli Thomas Haag Alejandro Ortega Xavier Sala-Blanch
18.30	Closing of the Day	
20.30	Dinner	

Day 2 - Saturday 13th May 2023  
LUMBAR & PELVIS SCIENCE

Time	Session	Faculty
08.15-10.45	<b>INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMOSTRATION</b> <b>Station 1</b> Radiofrequency denervation of the lumbar facet joints DRG Lumbar Lumbar sympathectomy <b>Station 2</b> Lig Flavum Decompression procedure (MILD) <b>Station 3</b> Endoscopic therapy of the lumbar facet and Sacroiliac Joints <b>Station 4</b> Indirect Decompression by prevention Spinal Extension – Interspinous Spacers <b>Station 5 Ultrasonography</b> Lumbar Medial-Branch and Facet Joint Injections Sacroiliac Joint Injection <b>Station 6 Ultrasonography</b> Pudendal Nerve Injection Caudal Epidural Injections Impar Ganglion Block	Michal But Aaron Calodney Stefano Meloncelli Stefano Marcia Xavier Sala-Blanch Andrzej Krol Alejandro Ortega
	Break	
10.45-11.15 11.15-13.45	<b>INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMOSTRATION</b> <b>Station 1</b> Vertebral Augmentations: Methyl Methacrylate to SpineJack <b>Station 2</b> Lumbar Discogenic pain. Discography , Discolux and decompression Procedures <b>Station 3</b> Lig Flavum decompression procedure (MILD) <b>Station 4</b> Cancer Pain patients: Coeliac Plexus, Superior, Hypogastric Plexus <b>Station 5 Ultrasonography</b> Hip Joint RF femoral and obturator Nerves Pericapsular nerve group (PENG) Knee Joint and Genicular RF Nerves <b>Station 6 Ultrasonography</b> Quadratus Lumborum & Superior cluneal nerves Piriformis Muscle Injection	David Noriega Stefano Marcia Aaron Calodney Michal But Thomas Haag Alejandro Ortega
13.45	Closing of the Meeting	

List of Faculty

**Jordi Blasco, MD**  
Interventional radiologist  
Unit of Interventionist Vascular Radiology  
Hospital Clinic i Provincial. Barcelona Spain  
**Dr Michal But**  
Anesthesiologist  
Consultant Anaesthetist & Pain Specialist  
Regional Hospital  
Koszalin, Poland  
**Aaron Calodney**  
Anesthesiologist  
Baylor Scott and White Texas Spine Hospital  
Tyler, Texas. USA  
**José De Andrés MD, PhD, FIPP, EDRA, EDPM**  
Anesthesiologist  
Valencia University Medical School.  
Department of Anesthesiology Critical Care and  
Multidisciplinary Pain Management Center  
General University Hospital. Valencia. Spain

**Thomas Haag, MD, FRCA, FFPMMRA**  
Anesthesiologist  
Lead Consultant & Clinical Lecturer in  
Pain Management  
Maelor Hospital. Wrexham. UK  
**Andrzej Krol**  
Anesthesiologist  
St. George's University Hospitals.  
London. UK  
**Stefano Marcia, MD**  
Interventional Radiologist  
Direttore UOC Servizio di Radiologia Ospedaliera.  
PO SS. Trinità. Cagliari, Italy  
**Stefano Melloncelli, MD**  
Anesthesiologist  
Casa di Cura "Valle Giulia",  
Roma, Italy  
Università degli Studi di Roma "Tor Vergata", Roma,  
Italy

**David César Noriega González**  
Trauma Surgeon  
University Hospital  
Valladolid. Spain  
**Alejandro Ortega, MD**  
Anesthesiologist  
Hospital Asepeyo.  
Madrid. Spain  
**Albert Prats MD PhD**  
Professor of Anatomy  
Anatomy Department  
University of Barcelona. Barcelona Spain  
**Xavier Sala-Blanch, MD, PhD**  
Anesthesiologist.  
Associate Professor of Anatomy.  
Department of Anesthesiology and Intensive Care.  
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