

## GENERAL INFORMATION

### DATES AND LOCATION

May 24th - 25th 2019. 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. José 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).

### Course Co-Directors

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

### TARGET AUDIENCE

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.  
BY ATTENDING, PARTICIPANTS 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 craneofacial 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, hip and knee.

### 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:  
Cristina Cruz. FUNDOLOR  
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

### ACCOUNT NUMBER:

FUNDOLOR  
IBAN ES22 0182 7710 49 0201661528  
SWIFT BBVAESMM

The fee includes:

- Registration
- Conference package
- Meals (2 lunch work and 1 dinner)
- Accommodation (bed&breakfast) - 2 nights in 4\* hotel close to the venue

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

### NEXT COURSES

COURSE V - May 8th-9th, 2020

This program is developed with the technical support of:

ABBOTT  
AMS GROUP  
BOSTON SCIENTIFIC  
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## ADVANCED CADAVER COURSE

## INTERVENTIONAL PROCEDURES FOR THE MANAGEMENT OF THE CHRONIC PAIN PATIENT: COURSE IV

May 24th-25th 2019  
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

Under the auspicious of



Course 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](http://www.academyfundolor.org)

Day 1 - Friday May 24th, 2019  
CRANEAL CERVICAL & THORACIC

Time	Session	Speakers
08.00 - 8.10	Introduction and Welcome	José De Andrés Carmen Gomar Albert Prats
08.10 - 10.00	<b>IMAGING FOR PAIN CLINICIANS</b>	
08.10 - 08.35	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
08.35 - 09.00	Basic Knowledge in the management of Ultrasonography	Andrzej Krol
09.00 - 10.30	<b>ANATOMY FOR PAIN CLINICIANS</b>	
09.00 - 9.30	Anatomy for Craniofacial procedures Anatomy for Cervical Procedures	Alberto Prats
09.30 - 10.00	Anatomy for Thoracic Procedures	Alberto Prats
10.00 - 10.30	Anatomy for lumbosacral Procedures	Alberto Prats
10.30 - 11.00	Break	
11.15 - 13.45	<b>INTERVENTIONAL PROCEDURES</b> CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay</b> Atlanto occipital Joint injections Atlanto axial Joint injections <b>Station 2 xRay</b> Cervical Discogenic pain. Procedures <b>Station 3 xRay</b> Cervical Medial branch blocks Radiofrequency denervation of the cervical facet joints <b>Station 4 xRay</b> Radiofrequency denervation of the Thoracic 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	Mert Akbas  Leo Kapural  Gustavo Fabregat  Thomas Haag  Andrzej Krol  Xavier Sala-Blanch
14.00 - 15.30	Lunch	
16.00 - 18.30	CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay</b> DRG C2 - C3 - C6 <b>Station 2 xRay</b> Sphenopalatine ganglion procedures Gasser ganglion procedures <b>Station 3 xRay</b> Neuromodulation – Headache peripheral lead placement <b>Station 4 xRay</b> Radiofrequency sacroiliac joint. Cold RF <b>Station 5 Ultrasonography</b> Occipital Nerve; Suprascapular & Shoulder Joint and Bursa Paravertebral Thoracic Block <b>Station 6 Ultrasonography</b> Intercostal nerve block Thoracic wall blocks (PECS I, PECS II and Serratus plane block)	Leo Kapural  Mert Akbas  José De Andrés  Thomas Haag  Andrzej Krol  Xavier Sala-Blanch
18.30	Closing of the day	
20.30	Dinner	

Day 2 - Saturday May 25th, 2019  
LUMBAR & PELVIS

Time	Session	Speakers
08.00 - 10.30	<b>INTERVENTIONAL PROCEDURES</b> CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay</b> Radiofrequency denervation of the lumbar facet joints DRG Lumbar <b>Station 2 xRay</b> Lumbar sympathectomy <b>Station 3 xRay</b> Lumbar Discogenic pain. Discography and procedures <b>Station 4 xRay</b> Neuromodulation - DRG stimulation lead <b>Station 5 Ultrasonography</b> Lumbar Medial-Branch and Facet Joint Injections Sacroiliac Joint Injection <b>Station 6 Ultrasonography</b> Pudendal Nerve Injection Impar Ganglion Block	Stefano Palmisani  Thomas Haag  Peter Staats  Leo Kapural  Andrzej Krol  Alejandro Ortega
10.30 - 11.00	Break	
11.00 - 13.30	<b>INTERVENTIONAL PROCEDURES</b> CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay</b> Vertebral Augmentation procedures <b>Station 2 xRay</b> Epiduroscopy basic principles and treatment <b>Station 3 xRay</b> Lig Flavum decompression procedure (MILD) <b>Station 4 xRay</b> Neuromodulation - Retrograde lead placement Neuromodulation advanced. Retrograde lead placement <b>Station 5 Ultrasonography</b> Hip joint intraarticular injection and Bursa Scan Knee joint and Genicular nerves injections <b>Station 6 Ultrasonography</b> Quadratus Lumborum & Superior Muscle Injection Piriformis Muscle Injection	Jordi Blasco  Stefano Palmisani  Peter S. Staats  Gustavo Fabregat  Thomas Haag  Alejandro Ortega
13.30	Closing of the Meeting	José De Andrés

List of Speakers

**Mert Akbas, MD, FIPP**  
Anesthesiologist  
Division of Algology Akdeniz University  
Faculty of Medicine, Antalya, Turkey.  
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**Jordi Blasco MD**  
Radiologist  
Unit of Intervencionist Vascular  
Hospital Clinic i Provincial. Barcelona. Spain  
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**José De Andrés MD, PhD, FIPP, EDRA, EDPM**  
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Anesthesiologist  
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**Thomas Haag, MD, FRCA, FFMRC**  
Lead Consultant & Clinical Lecturer in  
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**Leonardo Kapural, MD, PhD**  
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**Stefano Palmisani**  
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**Albert Prats MD PhD**  
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