

## 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 manage-  
ment, 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 manage-  
ment 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 equip-  
ment 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 increa-  
se 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 ultra-  
sound 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. ACADEMY 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 arrange-  
ments, 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:



UNIVERSITAT  
DE 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



Course Organiser:

Cristina Cruz

FUNDOLOR

Multidisciplinary Pain Management Department

Anesthesia Department

Consorcio Hospital General Universitario de Valencia

Avda. Tres Cruces, s/n, 46014-Valencia

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Phone: + 34 96 119 9626

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	<b>Break</b>	
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> 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	Mert Akbas  Aaron Calodney Gustavo Fabregat  Thomas Haag Andrzej Krol  Xavier Sala-Blanch
14.00 - 15.30	<b>Lunch</b>	
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; Paravertebral Thoracic Block <b>Station 6 Ultrasonography</b> Intercostal nerve block Thoracic wall blocks (PECS I, PECS II and Serratus plane block)	Aaron Calodney  Mert Akbas  José De Andrés Thomas Haag  Andrzej Krol  Xavier Sala-Blanch
18.30	<b>Closing of the day</b>	
20.30	<b>Dinner</b>	

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. Lumbar sympathectomy <b>Station 2 xRay</b> Endoscopic therapy of the lumbar facet and Sacroiliac Joints <b>Station 3 xRay</b> Lumbar discogenic pain. Discography and decompression procedures <b>Station 4 xRay</b> Neuromodulation advanced– 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; Caudal Epidural Injections	Thomas Haag  Richard Ibrahim Aaron Calodney  Gregor Bara Andrzej Krol  Alejandro Ortega
10.30 - 11.00	<b>Break</b>	
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 advanced–Spinal cord stimulation lead placement under endoscopic guidance <b>Station 5 Ultrasonography</b> Hip Joint RF femoral and obturator Nerves Knee Joint and Genicular RF Nerves <b>Station 6 Ultrasonography</b> Quadratus Lumborum & Superior cluneal nerves Piriformis Muscle Injection	Jordi Blasco  Paolo Grossi Aaron Calodney  Jost Thissen  Thomas Haag  Alejandro Ortega
13.30	<b>Closing of the Meeting</b>	<b>José De Andrés</b>

**List of Speakers**

**Mert Akbas, MD, FIPP**  
Anesthesiologist  
Division of Algology Akdeniz University Faculty of Medicine, Antalya, Turkey.  
[akbasmert@yahoo.com](mailto:akbasmert@yahoo.com)

**Gregor Bara, MD**  
Senior Consultant Neurosurgeon  
Schön Klinik Düsseldorf. Germany  
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**Jordi Blasco MD**  
Radiologist  
Unit of Interventionist Vascular Hospital Clinic i Provincial. Barcelona. Spain  
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**Aaron Calodney MD**  
Anesthesiologist  
Baylor Scott and White Texas Spine Hospital Tyler, Texas. USA  
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**José De Andrés MD, PhD, FIPP, EDRA, EDPM**  
Anesthesiologist  
Professor of Anesthesia. Valencia University Medical School.  
Chairman. Department of Anesthesiology and Critical Care.

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**Gustavo Fabregat MD, PhD**  
Anesthesiologist  
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**Paolo Grossi**  
Anesthesiologist  
Director of Anesthesia Reanimation and Pain Therapy  
Centro traumatologico ortopedico Pini-CTO Milan. Italy  
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**Thomas Haag, MD, FRCA, FFMRC**  
Lead Consultant & Clinical Lecturer in Pain Management  
Maelor Hospital. Wrexham. UK  
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**Richard Ibrahim**  
Pain Specialist, Orthopaedic surgeon  
Clinic Dr. Decker Munich, Germany  
Pain Center Munich  
[doc@dribrahim.de](mailto:doc@dribrahim.de)

**Andrzej Krol**  
Anesthesiologist  
St. George's University Hospitals. London. UK  
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**Alejandro Ortega, MD**  
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**Albert Prats MD PhD**  
Professor of Anatomy  
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**Xavier Sala-Blanch MD**  
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