

## GENERAL INFORMATION

### DATES AND LOCATION

October 30th - 31th 2020. 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 integra-  
te multiple aspects of ultrasound and fluoroscopy in interven-  
tional 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 pain management  
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:

ACADEMY FUNDOLOR  
IBAN ES57 0182 7710 41 0202275300  
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 VI - May 7th-8th, 2021

This program is developed with the technical support of:

ABBOTT  
AMS GROUP  
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## ADVANCED PAIN CADAVER COURSE

## 5th INTERVENTIONAL PROCEDURES COURSE

October 30th-31th 2020  
Barcelona, Spain

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

Organised by:



UNIVERSITAT DE VALÈNCIA  
Facultat de Medicina i Odontologia  
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  
ACADEMY FUNDOLOR  
Multidisciplinary Pain Management Department  
Anesthesia Department  
Consorcio Hospital General Universitario de Valencia  
Avda. Tres Cruces, s/n, 46014-Valencia  
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MORE INFORMATION ON [www.academyfundolor.org](http://www.academyfundolor.org)

Day 1 - Friday October 30th, 2020  
CRANEAL CERVICAL & THORACIC

Time	Session	Speakers
08.00 - 8.10	Introduction and Welcome	José De Andrés Carmen Gomar Albert Prats
08.10 - 10.00	IMAGING FOR PAIN CLINICIANS	
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	ANATOMY FOR PAIN CLINICIANS	
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	INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay</b> Cervical Medial branch blocks Radiofrequency denervation of the cervical facet joints <b>Station 2 xRay</b> Endoscopic therapy of cervical facet joints <b>Station 3 xRay</b> Cervical Discogenic Pain. Discography and dekompression procedures <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	Gustavo Fabregat  Richard Ibrahim Aaron Calodney  Thomas Haag Andrzej Krol  Manfred Greher
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> Headache station procedures: Sphenopalatine ganglion. Gasser ganglion. Other face blocks and therapies <b>Station 3 xRay</b> Headache station procedures: Neuromodulation with 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  Magdalena Anitescu  José De Andrés  Thomas Haag Andrzej Krol  Manfred Greher
18.30	Closing of the day	
20.30	Dinner	

Day 2 - Saturday October 31th, 2020  
LUMBAR & PELVIS

Time	Session	Speakers
08.00 - 10.30	INTERVENTIONAL PROCEDURES 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 Magdalena Anitescu  Gregor Bara Manfred Greher  Alejandro Ortega
10.30 - 11.00	Break	
11.00 - 13.30	INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay</b> Vertebral Augmentation procedures <b>Station 2 xRay</b> Transforaminal endoscopic disc and ligamentum flavum procedure <b>Station 3 xRay</b> Epiduroscopy basic principles and treatment <b>Station 4 xRay</b> Lig Flavum decompression procedure (MILD) <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  Gregor Bara Paolo Grossi Aaron Calodney  Thomas Haag  Alejandro Ortega
13.30	Closing of the Meeting	José De Andrés

List of Speakers

**Magdalena Anitescu MD, PhD, FASA**  
Professor of Anesthesia and Pain Medicine  
Section Chief, Division of Pain Management  
Director, Pain Medicine Fellowship Program  
Department of Anesthesia and Critical Care  
University of Chicago Medical Center. USA  
[manitescu@dacc.uchicago.edu](mailto:manitescu@dacc.uchicago.edu)  
**Gregor Bara, MD**  
Vice-Chief of Functional Neurosurgery.  
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**Aaron Calodney MD**  
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**José De Andrés MD, PhD,**  
FIPP, EDRA, EDPM  
Anesthesiologist  
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Chairman. Department of Anesthesiology and  
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**Gustavo Fabregat MD, PhD**  
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**Manfred Greher, MD, MBA**  
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**Paolo Grossi**  
Anesthesiologist  
Director of Anesthesia Reanimation and Pain  
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**Thomas Haag, MD, FRCA, FFMRC**  
Lead Consultant & Clinical Lecturer in  
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**Richard Ibrahim**  
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