

## GENERAL INFORMATION

### DATES AND LOCATION

May 5th - 6th 2017. 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).

### 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: 1.500,00 €  
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 III - May 4th - 5th 2018

This program is developed with the technical support of:

AMS GROUP  
BOSTON SCIENTIFIC  
COSMAN  
HALYARD HEALTH  
NEVRO  
MEDTRONIC  
PHILIPS  
PRIM  
ST JUDE MEDICAL  
VERTOS MEDICAL  
STRYKER

## ADVANCED COURSE

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

May 5th-6th 2017  
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

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

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

Day 1 - Friday May 5th, 2017  
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	Samer Narouze
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>	
11.00 - 13.30	<b>INTERVENTIONAL PROCEDURES</b> CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay- PRONE</b> Atlanto occipital Joint injections Atlanto axial Joint injections <b>Station 2 xRay-SUPINE</b> Cervical Discogenic pain. Procedures <b>Station 3 xRay-SUPINE</b> Cervical Medial branch blocks Radiofrequency denervation of the cervical facet joints <b>Station 4 xRay-PRONE</b> Radiofrequency denervation of the Thoracic facet joints <b>Station 5 Ultrasonography LATERAL</b> Cervical Medial-Branch and Facet Joint Injections Cervical Selective Nerve Root (Transforaminal) Injection <b>Station Station 6 Ultrasonography-SUPINE</b> Inerscalene Injections. Stellate ganglion block;	Samer Narouze  Jan Willen Kallewaard  Gustavo Fabregat  Juan Pérez Cajaraville  Andrzej Krol  Mario Fajardo
13.45- 15.30	<b>Lunch</b>	
15.30 - 18.30	CADAVER. HANDS-ON DEMONSTRATION follow up <b>Station 1 xRay-SUPINE</b> sphenopalatine ganglion procedures <b>Station 2 xRay-SUPINE</b> DRG C2 - C3 - C6 <b>Station 3 xRay-LATERAL</b> Neuromodulation – Headache peripheral lead placement <b>Station 4 xRay-PRONE</b> Radiofrequency Thoracic splanchnicectomy <b>Station 5 Ultrasonography</b> Occipital Nerve; Suprascapular & Shoulder Joint and Bursa Paravertebral Thoracic Block Cervical Miofascial techniques <b>Station 6 Ultrasonography</b> Intercostal nerve block Thoracic wall blocks (PECS I, PECS II and Serratus plane block)	Samer Narouze  Jan Willen Kallewaard  José De Andrés  Juan Pérez Caraville  Andrzej Krol  Mario Fajardo
18.30	<b>Closing of the day</b>	
20.30	<b>Dinner</b>	

Day 2 - Saturday May 6th, 2017  
LUMBAR & PELVIS SCIENCE

Time	Session	Speakers
08.00 - 10.30	<b>INTERVENTIONAL PROCEDURES</b> CADAVER. HANDS-ON DEMONSTRATION <b>Station 1 xRay-PRONE</b> Radiofrequency denervation of the lumbar facet joints DRG Lumbar and sacral nerve roots Lumbar sympathectomy <b>Station 2 xRay-PRONE</b> Epiduroscopy Basic principles <b>Station 3 xRay-PRONE</b> Disc dekompression procedures <b>Station 4 xRay-PRONE</b> Neuromodulation – DRG stimulation lead <b>Station 5 Ultrasonography-PRONE</b> Lumbar Medial-Branch and Facet Joint Injections Sacroiliac Joint Injection Caudal Epidural Injections <b>Station 6 Ultrasonography-SUPINE+PRONE PELVIS</b> Knee Joint and Genicular Nerves Pudendal Nerve Injection Impar Ganglion Block	Gustavo Fabregat  Michel Terhegen  Peter S. Staats  Sam Eldabe  Andrzej Krol  Samer Narouze
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 diagnosis and treatment <b>Station 3 xRay</b> Lig Flavum decompression procedure (MILD) <b>Station 4 xRay</b> Neuromodulation retrograde lead Mapping of lumbosacral nerve root – PRF <b>Station 5 Ultrasonography</b> Quadratus Lumborum & Iliopsoas Muscle Injection Piriformis Muscle Injection <b>Station 6 Ultrasonography</b> Ilioinguinal, Iliohypogastric, and Genitofemoral Nerve Lateral Femoral Cutaneous Nerve Injection Hip and bursa Scan	Jordi Blasco  Michel Terhegen  Peter S. Staats  Sam Eldabe  Andrzej Krol  Samer Narouze
13.30	<b>Closing of the Meeting</b>	<b>José De Andrés</b>

**List of Speakers**

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  
Anesthesiologist  
Professor of Anesthesia. Valencia University Medical School.  
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