

## GENERAL INFORMATION

### DATES AND LOCATION

May 4th - 5th 2018. 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: 1.600,00 €  
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 IV - May 10th-11th, 2019

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

## ADVANCED COURSE

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

May 4th-5th 2018  
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 4th, 2018  
CRANEAL CERVICAL & THORACIC

| Time          | Session  | Speakers   |
|---------------|--|--|
| 08.00 - 8.10  | Introduction and Welcome   | José De Andrés<br>Carmen Gomar<br>Albert Prats   |
| 08.10 - 10.00 | <b>IMAGING FOR PAIN CLINICIANS</b>   |  |
| 08.10 - 08.35 | SAFETY AND SETTINGS FOR BETTER X-RAY IMAGES<br>1.-What do you need to know about your machine.<br>2.-How to use correctly-safety procedures<br>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<br>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><br>CADAVER. HANDS-ON DEMONSTRATION<br><b>Station 1 xRay</b><br>Atlanto occipital Joint injections<br>Atlanto axial Joint injections<br><b>Station 2 xRay</b><br>Cervical Discogenic pain. Procedures<br><b>Station 3 xRay</b><br>Cervical Medial branch blocks<br>Radiofrequency denervation of the cervical facet joints<br><b>Station 4 xRay</b><br>Radiofrequency denervation of the Thoracic facet joints<br><b>Station 5 Ultrasonography</b><br>Cervical Medial-Branch and Facet Joint Injections<br>Cervical Selective Nerve Root (Transforaminal) Injection<br><b>Station 6 Ultrasonography</b><br>Stellate ganglion block; suprascapular & shoulder joint and bursa | Kenneth Candido<br><br>Philippe Mavrocordatos<br><br>Gustavo Fabregat<br><br>Thomas Haag<br><br>Andrzej Krol<br><br>Xavier Sala-Blanch |
| 14.00 - 15.30 | <b>Lunch</b>   |  |
| 16.00 - 18.30 | CADAVER. HANDS-ON DEMONSTRATION<br><b>Station 1 xRay</b><br>DRG C2 - C3 - C6<br><b>Station 2 xRay</b><br>Sphenopalatine ganglion procedures<br>Gasser ganglion procedures<br><b>Station 3 xRay</b><br>Neuromodulation – Headache peripheral lead placement<br><b>Station 4 xRay</b><br>Radiofrequency sacroiliac joint. Cool RF<br><b>Station 5 Ultrasonography</b><br>Occipital Nerve; Suprascapular & Shoulder Joint and Bursa<br>Paravertebral Thoracic Block<br><b>Station 6 Ultrasonography</b><br>Intercostal nerve block<br>Thoracic wall blocks (PECS I, PECS II and Serratus plane block)   | Kenneth Candido<br><br>José De Andrés<br><br>Thomas Haag<br><br>Andrzej Krol<br><br>Xavier Sala-Blanch                                 |
| 18.30         | <b>Closing of the day</b>  |  |
| 20.30         | <b>Dinner</b>  |  |

Day 2 - Saturday May 5th, 2018  
LUMBAR & PELVIS

| Time          | Session   | Speakers  |
|---------------|---|---|
| 08.00 - 10.30 | <b>INTERVENTIONAL PROCEDURES</b><br>CADAVER. HANDS-ON DEMONSTRATION<br><b>Station 1 xRay</b><br>Radiofrequency denervation of the lumbar facet joints<br>DRG Lumbar<br>Lumbar sympathectomy<br><b>Station 2 xRay</b><br>Epiduroscopy Basic principles<br><b>Station 3 xRay</b><br>Disc dekompression procedures<br><b>Station 4 xRay</b><br>Neuromodulation - DRG stimulation lead<br><b>Station 5 Ultrasonography</b><br>Lumbar Medial-Branch and Facet Joint Injections<br>Sacroiliac Joint Injection<br><b>Station 6 Ultrasonography</b><br>Knee Joint and Genicular Nerves<br>Pudendal Nerve Injection<br>Impar Ganglion Block                            | Tomas Haag<br><br>Stefano Palmisani<br><br>Philippe Mavrocordatos<br><br>Peter Staats<br><br>Gustavo Fabregat<br><br>Alejandro Ortega |
| 10.30 - 11.00 | <b>Break</b>  |   |
| 11.00 - 13.30 | <b>INTERVENTIONAL PROCEDURES</b><br>CADAVER. HANDS-ON DEMONSTRATION<br><b>Station 1 xRay</b><br>Vertebral Augmentation procedures<br><b>Station 2 xRay</b><br>Epiduroscopy diagnosis and treatment<br><b>Station 3 xRay</b><br>Lig Flavum decompression procedure (MILD)<br><b>Station 4 xRay</b><br>Neuromodulation - Retrograde lead placement<br>Transforaminal- sacral nerve root stimulation<br><b>Station 5 Ultrasonography</b><br>Quadratus Lumborum & Superior Muscle Injection<br>Piriformis Muscle Injection<br><b>Station 6 Ultrasonography</b><br>Hip joint intraarticular injection and Bursa Scan<br>Knee joint and Genicular nerves injections | Jordi Blasco<br><br>Stefano Palmisani<br><br>Peter S. Staats<br><br>Gustavo Fabregat<br><br>Andrzej Krol<br><br>Alejandro Ortega      |
| 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  
[jblasco@clinic.ub.es](mailto:jblasco@clinic.ub.es)

**Kenneth Candido, MD**  
Anesthesiologist  
Chairman Department of Anesthesiology  
Advocate Illinois Masonic Medical Center  
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**José De Andrés MD, PhD, FIPP, EDRA**  
Anesthesiologist  
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**Gustavo Fabregat MD, PhD**  
Anesthesiologist  
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**Thomas Haag, MD, FRCA, FFPMMRA**  
Lead Consultant & Clinical Lecturer in  
Pain Management  
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**Andrzej Krol**  
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**Philippe Mavrocordatos MD, SSIPM, FIPP**  
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**Alejandro Ortega, MD**  
Anesthesiologist

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**Stefano Palmisani**  
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**Albert Prats MD PhD**  
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