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

May 24th-25th 2019
Barcelona, Spain

Course Organiser:
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 96 119 9626

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 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 craniofacial 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 causal.
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
Alda. 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)
-Accomodation (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
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COXMAN
GENERAL ELECTRICS
HAYWARD HEALTH
MEDTRONIC
PHILIPS
VERTOS MEDICAL
STRIKER

ORGANISED BY:
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MORE INFORMATION ON www.academyfundolor.org

Under the auspicious of

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### Day 1 - Friday May 24th, 2019

**CRANEAL CERVICAL & THORACIC**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
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<tr>
<td>08.00 - 08.10</td>
<td>Introduction and Welcome</td>
<td>José De Andrés, Carmen Gomar, Albert Prats</td>
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<tr>
<td>08.10 - 08.30</td>
<td>IMAGING FOR PAIN CLINICIANS</td>
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<tr>
<td>08.10 - 08.35</td>
<td>SAFETY AND SETTINGS FOR BETTER X-RAY IMAGES</td>
<td>Jordi Blasco</td>
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<td>08.35 - 09.00</td>
<td>Basic Knowledge in the management of Ultrasonography</td>
<td>Andrzej Krol</td>
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<tr>
<td>09.00 - 09.30</td>
<td>ANATOMY FOR PAIN CLINICIANS</td>
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<td>09.30 - 10.00</td>
<td>Anatomy for Cervical Procedures</td>
<td>Alberto Prats</td>
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<td>10.00 - 10.30</td>
<td>Anatomy for Thoracic Procedures</td>
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<td>10.30 - 11.00</td>
<td>Break</td>
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<tr>
<td>11.15 - 13.45</td>
<td>INTERVENTIONAL PROCEDURES</td>
<td>Mert Akbas</td>
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<td>CADAVER. HANDS-ON DEMONSTRATION</td>
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<td></td>
<td>Station 1 xRay</td>
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<td></td>
<td>Atlanto occipital Joint injections</td>
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<td></td>
<td>Station 2 xRay</td>
<td>Gustavo Fabregat</td>
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<td></td>
<td>Cervical Discogenic pain Procedures</td>
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<td></td>
<td>Radiofrequency denervation of the cervical facet joints</td>
<td>Thomas Haag</td>
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<td></td>
<td>Station 4 xRay</td>
<td>Andrzej Krol</td>
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<td></td>
<td>Radiofrequency denervation of the Thoracic facet joints</td>
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<td>Station 5 Ultrasonography</td>
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<td>Cervical Medial-Branch and Facet Joint Injections</td>
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<td>Cervical Selective Nerve Root (Transforaminal) Injection</td>
<td>Xavier Sala-Blanch</td>
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<td>Station Station 6 Ultrasonography</td>
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<td></td>
<td>Stellate ganglion block; suprascalpular &amp; shoulder joint and bursa</td>
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<td>14.00 - 15.30</td>
<td>Lunch</td>
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<td>16.00 - 18.30</td>
<td>CADAVER. HANDS-ON DEMONSTRATION</td>
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<td>Mert Akbas</td>
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<td></td>
<td>Station 2 xRay</td>
<td>José De Andrés</td>
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<tr>
<td></td>
<td>Sphenoplatine ganglion procedures</td>
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<td>Gasser ganglion procedures</td>
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<td>Station 3 xRay</td>
<td>Thomas Haag</td>
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<td></td>
<td>Neuroradnetiation – Headache peripheral lead placement</td>
<td>Andrzej Krol</td>
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<td>Station 4 xRay</td>
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<td>Radiofrequency sacroiliac joint. Cold RF</td>
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<td>Station 5 Ultrasonography</td>
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<td>Occipital Nerve; Suprascalpular &amp; Shoulder Joint and Bursa</td>
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<td>Paravertebral Thoracic Block</td>
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<td>Station 6 Ultrasonography</td>
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<td></td>
<td>Intercostal nerve block</td>
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<td>Thoracic wall blocks (PECS I, PECS II and Serratus plane block</td>
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<td>18.30</td>
<td>Closing of the day</td>
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<td>20.30</td>
<td>Dinner</td>
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### Day 2 - Saturday May 25th, 2019

**LUMBAR & PELVIS**

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<tr>
<td>08.00 - 10.10</td>
<td>INTERVENTIONAL PROCEDURES</td>
<td>TBA</td>
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<td>CADAVER. HANDS-ON DEMONSTRATION</td>
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<tr>
<td></td>
<td>Station 1 xRay</td>
<td>Jordi Blasco</td>
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<td></td>
<td>Vertebral Augmentation procedures</td>
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<td></td>
<td>Station 2 xRay</td>
<td>Gustavo Fabregat</td>
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<td></td>
<td>Epiduroscopy basic principles and treatment</td>
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<td>Station 3 xRay</td>
<td>Thomas Haag</td>
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<td>Lig Flavum decompression procedure (MILD)</td>
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<td>Station 4 xRay</td>
<td>Gustavo Fabregat</td>
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<td>Neuroradnetiation - Retrograde lead placement</td>
<td>Thomas Haag</td>
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<td>Station 5 Ultrasonography</td>
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<td>Hip joint intraarticular injection and Bursa Scan Knee joint and</td>
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<td>Geniculer nerves injections</td>
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<td>Station 6 Ultrasonography</td>
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<td></td>
<td>Quadratus Lumbarum &amp; Superior Muscle Injection</td>
<td>Alejandro Ortega</td>
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<td>Piriformos Muscles Injection</td>
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<td>13.30</td>
<td>Closing of the Meeting</td>
<td>José De Andrés</td>
</tr>
</tbody>
</table>

**List of Speakers**

- **Mert Akbas**, MD, FIPP
  - Anesthesiologist
  - Division of Anesthesia, Akdeniz University Faculty of Medicine, Antalya, Turkey
  - akbasmart@yahoo.com
- **José De Andrés** MD
  - Radiologist
  - Unit of Interventional Vascular
  - Hospital Clinic i Provincial. Barcelona. Spain
  - jmdeandres@clinic.ub.es
- **Jordi Blasco** MD
  - Radiologist
  - Unit of Interventional Vascular
  - Hospital Clinic i Provincial. Barcelona. Spain
- **Thomas Haag** MD
  - Anesthesiologist
  - Professor of Anesthesia, Valencia University Medical School
  - Chairman, Department of Anesthesiology and Critical Care
  - Director of Multidisciplinary Pain Management Center
  - General University Hospital Valencia, Spain
  - thomas.haag@wales.nrh.uk
- **Andrzej Krol** MD, PhD, FIPP
  - Anesthesiologist
  - Hospital Asepeyo, Madrid. Spain
  - andrejkrol@stgeorges.nhs.uk
- **Gustavo Fabregat** MD, PhD
  - Anesthesiologist
  - General University Hospital Valencia, Spain
  - gfabregat@gmail.com
- **Andrzej Krol** MD, PhD
  - Anesthesiologist
  - Hospital Asepeyo, Madrid. Spain
  - andrejkrol@stgeorges.nhs.uk
- **Alejandro Ortega**, MD
  - Anesthesiologist
  - General University Hospital Valencia, Spain
  - carlos99@gmail.com
- **Albert Prats** MD PhD
  - Professor of Anatomy
  - Anesthesiology Department
  - University of Barcelona. Barcelona. Spain
  - aprats@ub.edu
- **Xavier Sala-Blanch** MD
  - Anesthesiologist
  - Hospital Clinic i Provincial. Barcelona. Spain
  - xavi.sala-blanch@gmail.com