



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 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 partici-
pants.
- 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 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: 1.500,00 €
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)
- Accomodation (bed&breakfast) - 2 nights in 4* hotel
close to the venue

Each delegate is reponsible for his/her travel arrange-
ments, according the course schedule

NEXT COURSES

COURSE III - May 4th - 5th 2018

This program is developed with the technical support of:

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BOSTON SCIENTIFIC
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ADVANCED COURSE

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

May 5th-6th 2017
Barcelona, Spain

Organised by:



ANESTHESIOLOGY ACADEMIC AREA
DPT OF SURGERY AND SURGICAL SPECIALITIES.
HUMAN ANATOMY AND EMBRIOLOGY UNIT.
UNIVERSITY OF BARCELONA

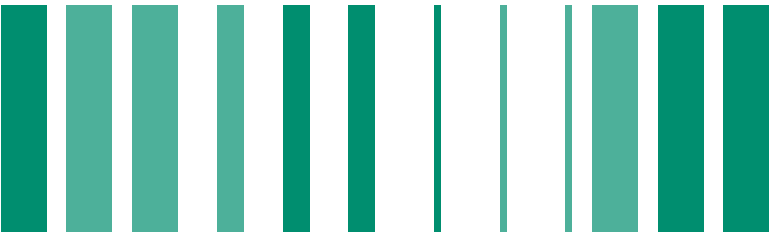
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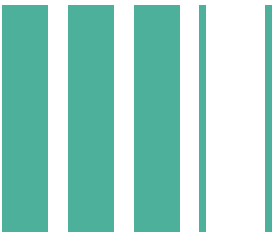
Course Organiser:

Cristina Cruz
FUNDOLOR
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Anesthesia Department
Consorcio Hospital General Universitario de Valencia
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MORE INFORMATION ON 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	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	
11.00 - 13.30	INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMONSTRATION Station 1 xRay- PRONE Atlanto occipital Joint injections Atlanto axial Joint injections Station 2 xRay-SUPINE Cervical Discogenic pain. Procedures Station 3 xRay-SUPINE Cervical Medial branch blocks Radiofrequency denervation of the cervical facet joints Station 4 xRay-PRONE Radiofrequency denervation of the Thoracic facet joints Station 5 Ultrasonography LATERAL Cervical Medial-Branch and Facet Joint Injections Cervical Selective Nerve Root (Transforaminal) Injection Station Station 6 Ultrasonography-SUPINE Inerscalene Injections. Stellate ganglion block;	Kenneth Candido Jan Willen Kallewaard Tomas Haag Simon Tordoff Andrzej Krol Mario Fajardo
13.45- 15.30	Lunch	
15.30 - 18.30	CADAVER. HANDS-ON DEMONSTRATION follow up Station 1 xRay-SUPINE Gasser and sphenopalatine ganglion procedures Station 2 xRay-SUPINE DRG C2 - C3 - C6 Station 3 xRay-LATERAL Neuromodulation – Headache peripheral lead placement Station 4 xRay-PRONE Neuromodulation – DRG stimulation lead Station 5 Ultrasonography Occipital Nerve; Suprascapular & Shoulder Joint and Bursa Paravertebral Thoracic Block Cervical Miofascial techniques Station 6 Ultrasonography Intercostal nerve block Thoracic wall blocks (PECS I, PECS II and Serratus plane block	Kenneth Candido Jan Willen Kallewaard José De Andrés Peter S. Staats Andrzej Krol Mario Fajardo
18.30	Closing of the day	
20.30	Dinner	



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



Time	Session	Speakers
08.00 - 10.30	INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMONSTRATION Station 1 xRay-PRONE Radiofrequency denervation of the lumbar facet joints DRG Lumbar and sacral nerve roots Lumbar sympathectomy Station 2 xRay-PRONE Epiduroscopy Basic principles Station 3 xRay-PRONE Disc dekompression procedures Station 4 xRay-PRONE Radiofrequency Thoracic splanchnicectomy Station 5 Ultrasonography-PRONE Lumbar Medial-Branch and Facet Joint Injections Sacroiliac Joint Injection Caudal Epidural Injections Station 6 Ultrasonography-SUPINE+PRONE PELVIS Knee Joint and Genicular Nerves Pudendal Nerve Injection Impar Ganglion Block	Tomas Haag Michel Terhegen Peter S. Staats Simon Tordoff Andrzej Krol Alejandro Ortega
10.30 - 11.00	Break	
11.00 - 13.30	INTERVENTIONAL PROCEDURES CADAVER. HANDS-ON DEMONSTRATION Station 1 xRay Vertebral Augmentation procedures Station 2 xRay Epiduroscopy diagnosis and treatment Station 3 xRay Lig Flavum decompression procedure (MILD) Station 4 xRay Neuromodulation retrograde lead Mapping of lumbosacral nerve root – PRF Station 5 Ultrasonography Quadratus Lumborum & Iliopsoas Muscle Injection Piriformis Muscle Injection Station 6 Ultrasonography Ilioinguinal, Iliohypogastric, and Genitofemoral Nerve Lateral Femoral Cutaneous Nerve Injection Hip and bursa Scan	Jordi Blasco Michel Terhegen Peter S. Staats Gustavo Fabregat Andrzej Krol Alejandro Ortega
13.30	Closing of the Meeting	José De Andrés

List of Speakers

Jordi Blasco MD Radiologist Unit of Intervencionist Vascular Hospital Clinic i Provincial. Barcelona Spain jblasco@clinic.ub.es Kenneth Candido, MD Anesthesiologist Chairman Department of Anesthesiology Advocate Illinois Masonic Medical Center Chicago, IL (USA) kdcandido@yahoo.com José De Andrés MD, PhD, FIPP, EDRA Anesthesiologist Professor of Anesthesia. Valencia University Medical School. Chairman. Department of Aneshtesiology and Critical Care. Director of Multidisciplinary Pain Management Center. General University Hospital. Valencia. Spain. Deandres_jos@gva.es Gustavo Fabregat MD, PhD Anesthesiologist General University Hospital. Valencia. Spain gfabregat@gmail.com	Mario Fajardo Anesthesiologist Hospital Universitario de Móstoles Madrid mfajardoperez@yahoo.es Thomas Haag, MD, FRCA, FFPMMRA Lead Consultant & Clinical Lecturer in Pain Management Maelor Hospital. Wrexham. UK thomas.haag@wales.nhs.uk Jan Willem Kallewaard Anesthesiologists Department of Anaesthesiology and Pain Management, Rijnstate Hospital, Arnhem, The Netherlands. jkallewaard@rijnstate.nl Andrzej Krol Anesthesiologist St. George's University Hospitals. London. UK Andrzej.Krol@stgeorges.nhs.uk	Alejandro Ortega, MD Anesthesiologist Hospital Asepeyo. Madrid. Spain caralex98@gmail.com Albert Prats MD PhD Professor of Anatomy Anatomy Department University of Barcelona. Barcelona Spain aprats@ub.edu Peter S. Staats, MD Adjunct Associate Professor, Johns Hopkins University Partner, Premier Pain Centers Shrewsbury, NJ E-mail: peterstaats@hotmail.com Michel Terheggen, MD Anesthesiologist Rijnstate. The Netherlands mterheggen@rijnstat.nl Simon Tordoff FRCA FIPP Consultant in Anaesthesia and Pain Medicine Leicester General Hospital. UK tordoff@chronic-pain.co.uk
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