

## GENERAL INFORMATION

### DATES AND LOCATION

June 15th-16th, 2018. Barcelona, Spain

**LECTURES:** "Sala de Actos" Clinic University Hospital . Villarroel 170.08036 Barcelona Spain.

Location: 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.

Location Underground floor. Main entrance from Casanova Street 143

### Course Directors

#### Prof. Jose De Andrés

Professor of Anesthesia, Valencia University Medical School Chairman, Department of Anesthesiology and Critical Care and Pain Management

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 Critical Care

Hospital Clinic i Provincial

Villarroel 170.08036 Barcelona Spain

#### Prof. Albert Prats

Professor of Anatomy, Barcelona University Medical School Casanova 143. 08036 Barcelona Spain

#### Dr Gustavo Fabregat Cid

Staff Anesthesiologist. Multidisciplinary Pain Management Center

Department of Anesthesiology and Critical Care and Pain Management

Valencia University General Hospital

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#### Dr Xavier Sala-Blanch

Associate Professor of Anatomy

Staff Anesthesiologist. Department of Anesthesiology and Critical Care

Hospital Clinic i Provincial

Villarroel 170.08036 Barcelona Spain

### TARGET AUDIENCE

This course is designed for pain practitioners (pain specialists, anesthesiologists, neurosurgeons) utilizing intrathecal drug delivery for pain management both in cancer and non cancer patients. Also interesting for those who treat severe spasticity.

Physicians attending the course should have at least 2 years of practice with ongoing use of neuromodulation techniques in the treatment of chronic pain and/or spasticity patients, and with basic knowledge of spinal analgesia using intrathecal drug delivery.

### OBJECTIVES

After participation in this educational meeting, participants should have an understanding of:

1. Basic neuroanatomy related with the performance of intrathecal drug delivery
2. Current imaging and neurophysiology relevant for performing diagnosis and performing the intrathecal drug delivery for pain & spasticity treatment
3. Identify questions that need to be addressed to increase knowledge of intrathecal techniques used in chronic pain treatment

4. Current indications of Intrathecal drug delivery in chronic pain and recommendations for the evaluation and management of these pain conditions
5. Evidence-Based recommendations and strategies in the patient screening and follow-up, in the management of intrathecal drug delivery analgesia
6. Learning Case scenarios for the acquisition of critical assessment and management skills

### ACCREDITATION

An Application has been made to the EACCME ® for CME accreditation of this event.

### REGISTRATION

To register for this programme, please contact with:

EUROPEAN CONTINUING MEDICAL TRAINING

Cora Vugts

Email: registration@ecmt-training.com

### LOCAL ORGANISER:

Cristina Cruz. FUNDOLOR

Email: cruz\_cri@gva.es

Multidisciplinary Pain Management Department

Anesthesia Departmen

Consorcio Hospital General Universitario de Valencia

Avda. Tres Cruces, s/n. 46014-Valencia (Spain)

Phone + 34 96 1199626

The fee includes:

- Registration
- Conference Package
- Meals (2 work lunch and 1 dinner)
- Accomodation (bed&breakfast) – 2 nights

Each delegate is responsible for his/her travel arrangements

### VENUES

LECTURES:

Clinic University Hospital. Sala de Actos. Left Wing from Main Entrance in Villarroel Streer, 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

### PAYMENT CONDITIONS

Payment due no later than 2nd June 2017

Bank transfer to FUNDOLOR. BBVA

IBAN ES22 0182 7710 49 0201661528

SWIFT: BBVAESMMXXX

Cancellations must have been received by email by June 13th to obtain a refund. All cancellations received by this date are subjected to 100€ administration fee. Cancellations received after this date will not be refunded.

### NEXT COURSE

COURSE VIII - June 14th-15th 2019. Barcelona. Spain

COURSE IX - June 19th-20th, 2020. Barcelona. Spain

Under the auspicious of:



Our gratitude for the collaboration given by the following companies:

PHILIPS

# INTRATHECAL DRUG DELIVERY COURSE VII BASIC & CLINICAL SCIENCE FOR THE MANAGEMENT OF PATIENTS WITH CHRONIC PAIN:

June 15th - 16th, 2018

Barcelona, Spain

Organised by:



SERVICIO DE ANESTESIOLOGÍA  
REANIMACIÓN Y TRATAMIENTO  
DEL DOLOR



UNIVERSITAT  
DE VALÈNCIA  
Facultat de Medicina i Odontologia  
Departament de Cirurgia



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

Under the auspicious of



Congress 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 15th June 2018\_BASIC SCIENCE

Time	Session	Speakers
08.15-08.30	Introduction and Welcome	José De Andrés Carmen Gomar Albert Prats
08.30-09.30	<b>ANATOMY FOR PAIN CLINICIANS: Spinal Cord and Spine for IDD</b>	
08.30-09.00	Anatomy of DRG, intrathecal nerve roots, epidural fat and epidural nerves. Anatomy of spinal vasculature	Albert Prats
09.00-09.30	The spinal meninges and their role in the spinal movement	Miguel Angel Reina
09.30-10.00	Catheter position and dynamics of CSF relevant for IDD	Jose De Andrés
10.00-11.30	<b>IMAGING TECHNIQUES FOR PAIN CLINICIANS</b>	
10.00-10.30	MRI and CT-Scan (modalities) How to make the best selection for the intended diagnosis	Beatriz Gómez-Ansón
10.30-11.00	<b>Break</b>	
11.00-11.30	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
11.30-13.30	<b>BASIC KNOWLEDGE OF NEUROPHYSIOLOGY &amp; PHARMACOLOGY INVOLVED IN IDD EFFECTS</b>	
11.30-12.00	Spinal cord physiology	Antony Dickenson
12.00-12.30	Spinal cord pharmacokinetics: properties and routes defining the movement of molecules from the epidural and intrathecal sites of injection into the parenchyma of the central nervous system	Tony L. Yaksh
12.30-13.00	Potential mechanisms of action of spinally administered drugs	Antony Dickenson
13.00-13.30	Intrathecal Drug Agents: Mechanism of Spinal drug toxicity	Tony L. Yaksh
13.45-15.00	<b>Lunch</b>	
15.30-19.30	<b>CADAVER. HANDS-ON DEMONSTRATION</b> <b>1. Cadaver Station</b> -Surgical performance of subcutaneous pocket -Refilling procedure with Ultrasonography guidance CADAVER (1) SUPINE Trunk Pelvis <b>2. Cadaver Station</b> -Surgical performance of subfascial subcutaneous pocket -Refilling procedure with Programming guidance CADAVER (1) SUPINE Trunk Pelvis <b>3. Cadaver Station</b> Paraspinal Puncture and Catheter fixation at spine level CADAVER (1) PRONE Trunk Pelvis <b>4. Cadaver Station</b> Puncture and catheter feeding in subarachnoid space Catheter tunnelling and pump connection CADAVER (1) PRONE Trunk Pelvis <b>5.-Ultrasonography Station</b> Neuraxial structures Transversus abdominis Plane (TAP) block with Ultrasonography guidance for field anesthesia in pump implant MODEL (1) <b>6.-Technical Station</b> Devices and programming	Salim Hayek Xaviar Sala-Blanch  Christophe Perruchoud Engineer  Sam Eldabe  Gustavo Fabregat  Manfred Greher  Engineers
21.00	<b>Dinner</b>	

Day 2 - Saturday 16th June 2018\_CLINICAL SCIENCE

Time	Session	Speakers
08.30-09.30	<b>TECHNICAL ASPECTS OF INTRATHECAL DRUG DELIVERY</b>	
08.30-09.00	Patient Selection criteria, screening and preparation; Trial criteria modalities; titrating; devices available in the market for trialling; Pump Hardware selection	Sam Eldabe
09.00-09.30	Strategies in the follow-up of intrathecal drug infusion -Lack of efficacy: Programing and drug exchange/combination decision -Opioid scalation and Microdosing -Excess in residual volume: Mechanical Tests, plan for and manage ITDD pump replacements	Salim Hayek
09.30-10.00	Interactions with Medical, electrical and/or magnetic equipment and other exposing radiations in daily live Recognition and management of complications	José De Andrés
10.00-13.30	<b>DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT WITH IDD</b>	
10.00-10.30	Neuropathic pain	Sam Eldabe
10.30-11.00	<b>Break</b>	
11.00-11.30	Failed back syndrome and chronic mechanical low back pain	Christophe Perruchoud
11.30-12.00	Chronic abdominal and pelvic/perineal pain	Salim Hayek
12.00-12.30	Cancer pain	Denis Dupouiron
12.30-13.00	Recognition and management of complications -related to the patient -related to drugs -related to the ITDD device	José De Andrés
13.00-14.00	Learning Case scenarios	
14.00-14.05	Closing Remarks	José De Andrés
14.15-15.30	<b>Lunch</b>	
15.30	<b>Departures</b>	

List of Speakers

Jordi Blasco MD  
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