

GENERAL INFORMATION

DATES AND LOCATION

June 19th-20th, 2020. 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. Albert Prats

Professor of Anatomy, Barcelona University Medical School
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Dr Gustavo Fabregat Cid

Staff Anesthesiologist. Multidisciplinary Pain Management
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Department of Anesthesiology and Critical Care and Pain
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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 Intrathecal drug
delivery techniques in the treatment of chronic pain and/or
spasticity patients, and with basic knowledge of spinal
analgesia using intrathecal drug delivery.

Our gratitude for the collaboration given by the following
companies:



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 man-
agement 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

REGISTRATION: 1600€

To register for this programme, please contact with:
Cristina Cruz. ACADEMY 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)

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Phone + 34 96 1199626

The fee includes:

- Registration
- Conference package
- Meals (2 lunch work and 1 dinner)
- Accommodation (bed & breakfast) 2 nights

Each delegate is responsible for his/her travel
arrangements, according the course schedule

NEXT COURSES

COURSE X - June 18th-19th, 2021. Barcelona. Spain

ADVANCED PAIN CADAVER COURSE

9th INTRATHECAL DRUG DELIVERY COURSE

June 19th - 20th, 2020

Barcelona, Spain

BASIC & CLINICAL SCIENCE FOR THE MANAGEMENT OF PATIENTS WITH CHRONIC PAIN

Organised by:



UNIVERSITAT
ID VALÈNCIA (U.V.)
Facultat de Medicina i Odontologia
Departament de Cirurgia



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



Congress Organiser:

Cristina Cruz

ACADEMY FUNDOLOR

Multidisciplinary Pain Management Department

Anesthesia Department

Consorcio Hospital General universitario de Valencia

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MORE INFORMATION ON www.academyfundolor.org

Day 1 - Friday 19th June 2020_BASIC SCIENCE

Time	Session	Faculty
08.15-08.30	Introduction and Welcome	José De Andrés Gustavo Fabregat Xavier Sala-Blanch Albert Prats
08.30-09.30	ANATOMY FOR PAIN CLINICIANS: Spinal Cord and Spine for IDD	
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	IMAGING TECHNIQUES FOR PAIN CLINICIANS	
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	Break	
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	BASIC KNOWLEDGE OF NEUROPHYSIOLOGY & PHARMACOLOGY INVOLVED IN IDD EFFECTS	
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	Lunch	
15.00-20.30	CADAVER. HANDS-ON DEMONSTRATION 1. Cadaver Station -Surgical performance of subcutaneous pocket -Refilling procedure with Ultrasonography guidance CADAVER (1) SUPINE Trunk Pelvis 2. Cadaver Station -Surgical performance of subfascial subcutaneous pocket -Programming of roller Study Priming bolus 0.01 ml over 1 min CADAVER (1) SUPINE Trunk Pelvis 3. Cadaver Station Paraspinal Puncture and Catheter fixation at spine level CADAVER (1) PRONE Trunk Pelvis 4. Cadaver Station Puncture and catheter feeding in subarachnoid space Catheter tunnelling and pump connection CADAVER (1) PRONE Trunk Pelvis 5.-Ultrasonography Station Neuraxial structures Transversus abdominis Plane (TAP) block with Ultrasonography guidance for field anesthesia in pump implant MODEL (1) 6.-Technical Station Devices and programming	Salim Hayek Christophe Perruchoud Engineer Sam Eldabe Gustavo Fabregat Manfred Greher Engineers
21.00	Dinner	

Day 2 - Saturday 20th June 2020_CLINICAL SCIENCE

Time	Interactive procedural based session Case based practice	Faculty
08.30-09.30	PROCEDURAL CONSIDERATIONS AND PATIENT MANAGEMENT: CASE BASED	
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: Programming 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	José De Andrés
10.00-13.30	DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT WITH IDD: CASED BASED	
10.00-10.30	Cancer pain	Denis Dupoiron
10.30-11.00	Break	
11.00-11.30	Neuropathic Pain and CRPS	Salim Hayek
11.30-12.00	Failed back syndrome and chronic mechanical low back pain	Gustavo Fabregat
12.00-12.30	Cronic Visceral Thoracic pain	Christophe Perruchoud
12.30-13.00	Chronic Visceral pelvic/perineal pain	Sam Eldabe
13.00-13.30	Prevention, recognition and management of complications -related to the patient -related to drugs -related to the ITDD device	José De Andrés
	LEARNING CASE SCENARIOS INTERACTIVE DISCUSSION	
	Summary of the course and "take home messages"	José De Andrés
14.15-15.30	Lunch	
15.30	Departures	

Faculties

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