



GENERAL INFORMATION

This is an online course requiring self-learning

DATES

December 11th-21st, 2020. Barcelona, Spain

Course Directors

Prof. Jose De Andrés

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School Chairman, Department of Anesthesiology and Critical Care and Pain Management

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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



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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

REGISTRATION FEE: 150,00€

To register for this programme, enter the website <https://www.academyfundolor.org/en/> and register in the VIRTUAL CAMPUS for the IDD Course <http://campus.academyfundolor.org/login/index.php>

Technical Secretary

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NEXT COURSES

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



ONLINE COURSE

2nd EDITION

ADVANCED PAIN CADAVER COURSE

9th INTRATHECAL DRUG DELIVERY COURSE

December, 11th-21st, 2020

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

Organised by: 



UNIVERSITAT DE VALÈNCIA
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

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MORE INFORMATION ON www.academyfundolor.org

BASIC SCIENCE

Session	Faculty
Introduction and Welcome	José De Andrés Gustavo Fabregat Xavier Sala-Blanch Albert Prats
ANATOMY FOR PAIN CLINICIANS: Spinal Cord and Spine for IDD	
Anatomy of DRG, intrathecal nerve roots, epidural fat and epidural nerves. Anatomy of spinal vasculature	Albert Prats
The spinal meninges and their role in the spinal movement	Miguel Angel Reina
Catheter position and dynamics of CSF relevant for IDD	Jose De Andrés
IMAGING TECHNIQUES FOR PAIN CLINICIANS	
MRI and CT-Scan (modalities)	Beatriz Gómez-Ansón
How to make the best selection for the intended diagnosis	
SAFETY AND SETTINGS FOR BETTER X-RAY IMAGES	Jordi Blasco
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?	
BASIC KNOWLEDGE OF NEUROPHYSIOLOGY & PHARMACOLOGY INVOLVED IN IDD EFFECTS	
Spinal cord physiology	Antony Dickenson
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
Potential mechanisms of action of spinally administered drugs	Antony Dickenson
Intrathecal Drug Agents: Mechanism of Spinal drug toxicity	Tony L. Yaksh
TECHNICAL PROCEDURES	
-Surgical performance of subcutaneous pocket -Refilling procedure with Ultrasonography guidance	Salim Hayek
-Surgical performance of subfascial subcutaneous pocket -Programming of roller Study Priming bolus 0.01 ml over 1 min	Christophe Perruchoud
-Paraspinal Puncture and Catheter fixation at spine level	Sam Eldabe
-Puncture and catheter feeding in subarachnoid space -Catheter tunnelling and pump connection	Gustavo Fabregat
-Ultrasonography Procedures related with TDD -Neuraxial structures -Transversus abdominis Plane (TAP) block with Ultrasonography guidance for field anesthesia in pump implant	Manfred Greher
-Devices and programming	Jose Luis Durá

CLINICAL SCIENCE

Interactive procedural based session Case based practice	Faculty
PROCEDURAL CONSIDERATIONS AND PATIENT MANAGEMENT: CASE BASED	
Patient Selection criteria, screening and preparation; Trial criteria modalities; titrating; devices available in the market for trialling; Pump Hardware selection	Sam Eldabe
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
Interactions with Medical, electrical and/or magnetic equipment and other exposing radiations in daily live	José De Andrés
DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT WITH IDD: CASED BASED	
Cancer pain	Denis Dupoiron
Neuropathic Pain and CRPS	Salim Hayek
Failed back syndrome and chronic mechanical low back pain	Gustavo Fabregat
Cronic Visceral Thoracic pain	Christophe Perruchoud
Chronic Visceral pelvic/perineal pain	Sam Eldabe
Prevention, recognition and management of complications -related to the patient -related to drugs -related to the ITDD device	José De Andrés
Summary of the course and "take home messages"	José De Andrés

Faculties

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