Sonoanatomy Applied to Peripheral Nerve Blocks

CAR
Clube de Anestesia Regional

University of Minho
School of Medicine

PROGRAM – 10th Edition

April 5th 2017

Pre-course test – https://goo.gl/VcMJK5

Pre-course Survey – https://goo.gl/G5MAbT

April 6th 2017

8h00 - 8h20 **Registration**

8h20 **Course Introduction, objectives, faculty. – JM Pêgo, P Fragoso**

8h30 - 12h15 **Anatomy of nerve structures and related strutures (vessels, bonés, muscles) in cadavers – hands-on – A Melo, H Rebelo, P Fragoso, H Trindade, E Segura**

(10h30 – 11h00 Coffe-break)

12h15 – 13h00 **Basic principles and artifacts in ultrasonography – hands-on J Magalhães, H Rebelo, P Fragoso, H Trindade, D Machado**

13h00 - 14h30 **Lunch**

14h30 – 19h00 **5 Stations (50'/station) – human live models – hands-on – C Lobo, H Trindade, P Fragoso, E Segura, L Ribeiro**

Station 1 - Superficial cervical, interscalene, supraclavicular
Station 2 - Supraclavicular
Station 3 – infraclavicular, axillary
Station 4 - femoral, saphenous, lateral femural cutaneous
Station 5 – Sciatic, popliteal

(17h00 – 17h30 Coffee-break)

20h30 **Diner**

Sonoanatomy Applied to Peripheral Nerve Blocks

CAR
Clube de Anestesia Regional

University of Minho
School of Medicine

April 7th 2017

8h30 – 13h00 **Ultrasound and needle use training in the cadaver and anaesthetised pig – D Machado, J Durán, N Moinho, E Semedo, C Pinheiro, R Carvalho**

(10h30 – 11h00 Coffee-break)

13h00 - 14h30 **Lunch**

14h30 – 19h30 **5 Stations (50'/station) – human live models – hands-on – R Silva, J Durán, L Maria, J Magalhães, C Lobo**

Station 1 - Posterior lumbar plexus
Station 2 - Obturator
Station 3 – Thoracic paravertebral
Station 4 – Ilioinguinal/Iliohypogastric + TAP
Station 5 – PEC´s 1 & 2

(17h00 – 17h30 Coffee-break)

April 8th 2017

8h30 - 12h00 **Ultrasound and needle use training in the cadaver and anaesthetised pig – C Pinheiro, D Machado, R Silva, R Carvalho, L Ribeiro**

(10h00 – 10h30 Coffee-break)

12h00 - 13h30 **Assessment**

13h30 **Wrap-up**

LEARNING GOALS

- Recognize the anatomy that is essential to the execution of regional techniques in cadavers
- Understand the basic principles of ultrasound imaging.
- Train the techniques of ultrasound imaging (probe handling, probe-eye-hand coordination)
- Recognize basic anatomical structures (nerves, vessels, bone) and artifacts in ultrasound imaging.
- Execute basic and advanced techniques in ultrasound-guided peripheral nerve blocks