



U. PORTO



**FACULDADE DE MEDICINA
UNIVERSIDADE DO PORTO**

WORLD ACADEMY OF PAIN MEDICINE UNITED 3RD ANNUAL MEETING OF THE NORTH AFRICAN AND IBERIAN CHAPTER

FINAL PROGRAM (LECTURES AND CADAVER LAB)

DAY 1 MORNING (LECTURE HALL)

8h30-8h45: Opening Remarks (WAPMU President, Executive Director, and Course Organizers).

Speakers: Amitabh Gulati (USA), Scot Sarver (USA), Gui Ferreira Dos Santos (Spain), Jorge Barbosa (Portugal), Simão Serrano (Portugal).

BLOCK I - FUNDAMENTAL ANATOMY OF THE SPINE

Moderator: Gui Ferreira Dos Santos (Spain);

8h45-9h05: Fundamental Anatomy of the Spine as Seen Under Fluoroscopy;

Speaker: Einar Ottestad (USA);

9h05-9h25: Fundamental Anatomy of the Spine as Seen Under Ultrasound;

Speaker: Jorge Barbosa (Portugal);

9h25-9h40: Questions and Answers Session.

BLOCK II - CERVICAL SPINE INTERVENTIONS

Moderator: Amitabh Gulati (USA);

9h40-10h00: Essential Interventions Guided by Fluoroscopy;

Speaker: Grant Chen (USA);

10h00-10h20: Essential Interventions Guided by Ultrasound;

Speaker: Neal Rakesh (USA);

10h20-10h35: Questions and Answers Session.





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BLOCK III - THORACIC SPINE INTERVENTIONS

Moderator: *Sev Perelman (Canada);*

10h50-11h10: Essential Interventions Guided by Fluoroscopy;

Speaker: *Matthew Pingree (USA);*

11h10-11h30: Essential Interventions Guided by Ultrasound;

Speaker: *Mark Friedrich Hurdle (USA);*

11h30-11h45: Questions and Answers Session.

BLOCK IV - LUMBAR SPINE / SACROILIAC INTERVENTIONS

Moderator: *Michael Gofeld (Canada);*

11h45-12h05: Essential Interventions Guided by Fluoroscopy;

Speaker: *Ali Valimahomed (USA);*

12h05-12h25: Essential Interventions Guided by Ultrasound;

Speaker: *Simão Serrano (Portugal);*

12h25-12h40: Questions and Answers Session.

12h40-14h00: **LUNCH BREAK**

(END OF DAY 1 FOR ATTENDEES REGISTERED FOR IN-PERSON OR VIRTUAL LECTURES ONLY)





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FINAL PROGRAM (LECTURES AND CADAVER LAB)

DAY 1 AFTERNOON (CADAVER LAB PART 1)

HANDS-ON PRACTICE - FUNDAMENTAL SPINE PROCEDURES

(8 groups, 8 rotations, 4 delegates per group, 4 ultrasound stations, 4 fluoroscopy stations);

Moderators: Amitabh Gulati (USA), Jorge Barbosa (Portugal);

Ultrasound Stations: Cervical, Thoracic, Lumbar, Sacroiliac Interventions (Injections, Blocks);

Faculty: Neal Rakesh (USA), Mark Friedrich Hurdle (USA), Matthew Pingree (USA), Sev Perelman (Canada), Ahmed Amine El Oumri (Morocco), Simão Serrano (Portugal);

Fluoroscopy Stations: Cervical, Thoracic, Lumbar, Sacroiliac Interventions (Injections, Blocks, Radiofrequency, Cryoneurolysis);

Faculty: Sahil Gupta (USA), Mark Jones (USA), John Akhnoukh (USA), Einar Ottestad (USA), Ali Valimahomed (USA), Michael Gofeld (Canada), Gui Ferreira Dos Santos (Spain).

14h00-16h00: 4 Rotations (30 minutes each rotation);

16h00-16h30: **COFFEE BREAK**

16h30-18h30: 4 Rotations (30 minutes each rotation).

18h30: **END OF PART 1 OF THE CADAVER LAB**

(END OF DAY 1 FOR ATTENDEES REGISTERED FOR THE CADAVER LAB)





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FINAL PROGRAM (LECTURES AND CADAVER LAB)

DAY 2 MORNING (LECTURE HALL)

BLOCK V - REGENERATIVE MEDICINE APPLICATIONS IN THE SPINE

Moderator: *Neal Rakesh (USA);*

9h00-9h20: Intradiscal Orthobiologics;

Speaker: *Gui Ferreira Dos Santos (Spain);*

9h20-9h40: Orthobiologics in Facet Joints and Other Axial Structures (Ligaments);

Speaker: *Jorge Barbosa (Portugal);*

9h40-9h55: Questions and Answers Session.

BLOCK VI - ADVANCED SPINE PROCEDURES

Moderator: *Amitabh Gulati (USA);*

9h55-10h15: Vertebroplasty and Kyphoplasty;

Speaker: *Mark Jones (USA);*

10h15-10h35: Percutaneous LASER Disc Decompression;

Speaker: *Gui Ferreira Dos Santos (Spain);*

10h35-10h55: Basivertebral Nerve Ablation;

Speaker: *John Akhnoukh (USA);*

10h55-11h10 - Questions and Answers Session.

11h10-11h25: **COFFEE BREAK**





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DAY 2 MORNING (LECTURE HALL)

BLOCK VII - NEURAXIAL NEUROMODULATION FOR CHRONIC PAIN

Moderator: *Einar Ottestad (USA);*

11h25-12h00: **Keynote Lecture** – Present and Future of Spinal Cord Stimulation;

Speaker: *Amitabh Gulati (USA);*

12h00-12:20: Dorsal Root Ganglion Stimulation;

Speaker: *Sahil Gupta (USA);*

12:20-12h35: Questions and Answers Session.

BLOCK VIII - HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) APPLICATIONS IN THE SPINE

Moderator: *Simão Serrano (Portugal);*

12h35-13h05: Pre-Clinical Science on HIFU Applications for Chronic Pain;

Speaker: *Mark Friedrich Hurdle (USA);*

13h05-13h35: Present and Future of HIFU Clinical Applications for Spinal Pain;

Speaker: *Michael Gofeld (Canada);*

13h35-13h50 - Questions and Answers Session.

13h50-14h30: **LUNCH BREAK**

(END OF DAY 2 FOR ATTENDEES REGISTERED FOR IN-PERSON OR VIRTUAL LECTURES ONLY)





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DAY 2 AFTERNOON (CADAVER LAB PART 2)

HANDS-ON PRACTICE - FUNDAMENTAL SPINE PROCEDURES

(8 groups, 8 rotations, 4 delegates per group, 4 ultrasound stations, 4 fluoroscopy stations);

Moderators: *Gui Ferreira Dos Santos (Spain), Simão Serrano (Portugal);*

Ultrasound Stations: Cervical, Thoracic, Lumbar, Sacroiliac Interventions (Radiofrequency, Cryoneurolysis);

Faculty: *Neal Rakesh (USA), Mark Friedrich Hurdle (USA), Matthew Pingree (USA), Sev Perelman (Canada), Ahmed Amine El Oumri (Morocco), Jorge Barbosa (Portugal);*

Fluoroscopy Stations: Cervical, Thoracic, Lumbar (Vertebroplasty, Kyphoplasty, Spinal Cord Stimulation, Dorsal Root Ganglion Stimulation);

Faculty: *Amitabh Gulati (USA), Sahil Gupta (USA), Mark Jones (USA), John Akhnoukh (USA), Einar Ottestad (USA), Ali Valimahomed (USA), Michael Gofeld (Canada);*

14h30-16h30: 4 Rotations (30 minutes each rotation);

16h30-17h00: **COFFEE BREAK**

17h00-19h00: 4 Rotations (30 minutes each rotation).

19h00: **END OF PART 2 OF THE CADAVER LAB**

(END OF DAY 2 FOR ATTENDEES REGISTERED FOR THE CADAVER LAB)

