

Course Presentation

This course aims to assign competences in endoscopic anatomy and endoscopic surgery of the lumbar spine. It will be the second course of the kind organized in Portugal for medical specialists in Neurosurgery and Orthopedics, with interest in spinal pathology. Will be included, in this training, nurses of operative theater with skills in spinal surgery. The course will enable participants to be able to know all the surgical material used in endoscopic surgery of the spine. It will also make it possible to acquire knowledge in the radiological and endoscopic anatomy of the lumbar spine specific to this surgical technique and correctly perform the various endoscopic surgical techniques for the treatment of various pathologies. The interaction between physicians of the two specialties involved in the surgical treatment of the pathology of the spine - Neurosurgery and Orthopedics - will be promoted for the different way they approach the mentioned pathology, privileging the anatomical, radiological and surgical concepts.

Course generic objectives and learning outcomes to be developed by the students

Promote knowledge of the radiological and endoscopic anatomy of the spine (lumbar region); Promote knowledge of the endoscopic surgical technique of the spine (lumbar region); Familiarize the participants with the instruments and equipment used in endoscopic surgery of the spine. To allow the observation and realization, in the corpse and in a tutorial teaching environment, of the various basic and advanced endoscopic surgical techniques for the lumbar spine, using the various approaches. To give nurses of the operating room the skills to the surgeries that include this type of material and surgical techniques.

Coordination

Diogo Pais, MD, PhD

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HANDS-ON LAB TRAINING

(Anatomical Specimens)

Endoscopic Anatomy

Radiological Anatomy

Techniques of Percutaneous Spine Endoscopy

Interlaminar Approach

Transforaminal Approach

Endoscopic Radiofrequency Ablation Technique

Thoracic and Lumbar Discography

LECTURES AND BREAKOUTS

Fundamentals and Techniques of Endoscopic Surgery

Video-sessions: Clinical Cases

Highlights and Rare Indications

PELD (Percutaneous Endoscopic Lumbar Discectomy) in the Hidden Zone
Case Studies

Highlights and Rare Indications

Faculty

Ralf Wagner, MD

Orthopedic and Spine Surgery, Frankfurt, Germany

Ricardo Casal Grau, MD

Orthopedic and Spine Surgery, Madrid, Spain

Miguel Loureiro, MD

Orthopedic and Spine Surgery, Porto, Portugal

Manuel Cifrián Pérez, MD, FIPP, CIPS

Interventional Radiology, Pain Management, Valencia, Spain

Nuno Bastos, MD

Orthopedic and Spine Surgery, Matosinhos, Portugal

Gonçalo Neto d' Almeida, MD, PhD

Neurosurgery, Pain Management, Lisbon, Portugal

Michael Hess, MD

Orthopedic and Spine Surgery, Munich, Germany

Armando Barbosa, MD

Anesthesiology, Pain Management, Lisbon, Portugal

Germano Cardoso, MD

Anesthesiology, Pain Management, Porto, Portugal

Information and Registration:
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LISBON LAB Hands-On Endoscopic Lumbar Spine Surgery Course

3rd edition - 2020

28 - 29 FEBRUARY | LISBON, PORTUGAL

Nova Medical School
Lusíadas Knowledge Center



Lab Hands-On Training (Anatomical Specimens) Lectures and Breakouts

Organization



Scientific Sponsorship



Sponsorship



Commercial Support



08:00 am *Registration*

08:20 am *Welcome and Opening*

Diogo Pais | Chairman of the Department of Anatomy, NOVA Medical School

Vasco Antunes Pereira | CEO Lusíadas Saúde / UnitedHealth Group

Cláudia de Lemos Silveira | Lusíadas Knowledge Center Director / Lusíadas

Saúde / UnitedHealth Group

LECTURES: Fundamentals and Techniques

08:30 am *Endoscopic History: Concept and Philosophy of Spine Endoscopy*

Nuno Bastos, MD

08:50 am *Transforaminal Approach*

Ralf Wagner, MD

09:20 am *Transforaminal Approach*

Ricardo Casal, MD

09:40 am *Interlaminar Approach*

Miguel Loureiro, MD

10:00 am *Clinical Cases*

Michael Hess, MD | Miguel Loureiro, MD | Ricardo Casal, MD

10:30 am *Coffee Break*

LECTURES: Clinical Applications - Part 1

11:00 am *Endoscopic Radiofrequency*

Manuel Cifrián, MD

11:20 am *PELD in the hidden Zone*

Ricardo Casal, MD

11:40 am *Complications of Endoscopic Spine Surgery*

Ralph Wagner, MD

12:10 pm *Clinical Cases*

Michael Hess, MD | Nuno Bastos, MD | Ricardo Casal, MD

12:45 pm *Lunch*

01:30 pm HANDS-ON LAB:

STATION Nº 1 AND Nº 2 - Transforaminal Approaches (TESSYS®)

STATION Nº 3 AND Nº 4 - Interlaminar Approaches (ILESSYS® PRO)

STATION Nº 5 - Endoscopic Radiofrequency Ablation Technique (MULTIZYTE®)

STATION Nº 6 - Discography

01:30 pm *Presentation of Endoscopes and Instruments – Surgylite | Joimax®*

Demonstration: Transforaminal Approach

Demonstration: Interlaminar Approach

Demonstration: Endoscopic Radiofrequency Ablation Technique

Demonstration: Discography Technique

02:30 pm *Surgical Practice*

05:30 pm *End of Day 1*

08:00 pm *Dinner*

COURSE DINNER

ZAMBEZE RESTAURANT (LISBON)

Adress: Calçada Marquês de Tancos

Mercado Chão do Loureiro, São Cristovão

Phone: 00351-218877056/00351-966196514

07:50 am *Morning Coffee*

LECTURES: Clinical Applications - Part 2

08:10 am *Highlights and Rare Indications*

Ralph Wagner, MD

08:40 am *Percutaneous Endoscopic Thoracic Discectomy: Technical nuances and clinical results*

Ralph Wagner, MD

09:10 am *Video-session: Clinical Cases*

Miguel Loureiro, MD | Nuno Bastos, MD | Michael Hess, MD

09:45 am *Coffee Break*

10:00 am HANDS-ON LAB

STATION Nº 1 AND Nº 2 - Transforaminal Approaches (TESSYS®)

STATION Nº 3 AND Nº 4 - Interlaminar Approaches (ILESSYS® PRO)

STATION Nº 5 - Endoscopic Radiofrequency Ablation Technique (MULTIZYTE®)

STATION Nº 6 - Discography

12:45 am *Final Discussion*

MODERATORS: Gonçalo Neto d' Almeida, MD, PhD

Joaquim Pedro Correia, MD

01:00 pm *Lunch*

02:30 pm **HANDS-ON LAB: Additional Time to Practice**

05:00 pm *End of Course*