

Course Presentation

This course aims to assign competences in endoscopic anatomy and endoscopic surgery of the lumbar spine. It will be the forth 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 (dorsal and lumbar region); Promote knowledge of the endoscopic surgical techniques of the spine (dorsal and 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 dorsal and 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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Orthopedic and Spine Surgery, Clínica DKF, Madrid, Spain

HANDS-ON LAB TRAINING

(Anatomical Specimens)

Endoscopic Anatomy

Radiological Anatomy

Techniques of Percutaneous Procedures / Spine Endoscopy

Interlaminar Approach

Transforaminal Approach

EndoLIF Cages

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

EndoLIF

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, Clínica DKF, 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

Michael Hess, MD

Orthopedic and Spine Surgery, Pain Management, Munich, Germany

Gonçalo Neto d' Almeida, MD, PhD

Neurosurgery / Lusíadas Saúde / UnitedHealth Group

Speakers

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

Michael Hess, MD

Orthopedic and Spine Surgery, Pain Management, Munich, Germany

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

4th edition - 2021

21-22 OCTOBER | LISBON, PORTUGAL

NOVA Medical School
Lusíadas Knowledge Center



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

Organization



HEALTH EDUCATION & RESEARCH



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
 Carlos Vara Luiz | Chairman of the Department of Neurosurgery
 Lusíadas Lisboa Hospital / UnitedHealth Group
 Marta Figueiredo | 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

09:30 am Interlaminar Approach

Ricardo Casal, MD

10:00 am Clinical Cases

Miguel Loureiro, 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 and Advanced Indications

Ricardo Casal, MD

11:40 am Complications of Endoscopic Spine Surgery

Miguel Loureiro, MD

12:00 pm EndoLIF – Principles and Surgical Technique

Ralf Wagner, MD

12:45 pm Lunch

01:30 pm HANDS-ON LAB

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

STATION Nº 3 - Interlaminar Approaches (ILESSYS®)

STATION Nº 4 - Interlaminar Approaches (ILESSYS® PRO)

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

STATION Nº 6 - EndoLIF® / Percusys®

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

Demonstration: Transforaminal Approach

Demonstration: Interlaminar Approach

Demonstration: Endoscopic Radiofrequency Ablation Technique

Demonstration: EndoLIF® and Percusys®

02:30 pm Surgical Practice

05:30 pm End of Day 1

COURSE DINNER

THURSDAY 21st October 2021

08:00 pm ZAMBEZE RESTAURANT (LISBON)

Address: 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 and Cervical Discectomy:

Technical nuances and clinical results

Ralph Wagner, MD

09:10 am Video-session: Clinical Cases

Nuno Bastos, MD

Ralf Wagner, 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 - Interlaminar Approaches (ILESSYS®)

STATION Nº 4 - Interlaminar Approaches (ILESSYS® PRO)

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

STATION Nº 6 - EndoLIF® / Percusys®

12:45 pm Final Discussion

MODERATORS: Gonçalo Neto d'Almeida, MD, PhD

Joaquim Pedro Correia, MD

01:00 pm Lunch

02:30 pm HANDS-ON LAB

02:30 pm Additional Time to Practice

05:00 pm END OR COURSE