

Course Description

The NEXON competency- & problem- based curriculum aims to support our learners expedite the acquisition of the *right* competencies to perform interlaminar endoscopic spine surgery safely and reproducibly to ensure delivery of improved patient outcomes.

Target Audiences

Surgeons who are familiar and confident in performing MIS techniques and are looking to enhance surgical outcomes and their patients' experience by transitioning to Biportal Endoscopic surgery.

Pre-Course

Nexon offers materials for our learners to prepare and acquaint themselves with key elements of the procedure before attending the course. Coming fully prepared for the course, enhances our learners on-site learning eXperience.

- ▶ Competency GAP Analysis: *enables facilitator to personalize the learning*
- ▶ Surgical Handbook: *empowers familiarization with key elements*
- ▶ Surgical Video: *encourages focus on physical movements of the procedure*

Course

- ▶ Case Discussion: *enhances know how and clinical reasoning*
- ▶ Practical skills: *focus on deliberate practice to develop actual surgical skills*
- ▶ Reflection exercise: *engrain learning by building on your experience*

Registration Fees

- ▶ CHF 1'850.-* per participant, inclusive food & beverage
- ▶ Includes 12 months access to the EnSight Biportal Community of Practice, valued at CHF 215.
- ▶ Cancellation Terms: Up to 30 Days before the Training with full Refund. 50% Refund until 15 Days before the start of the Training. No Refund after that.

*Excludes travel and accommodation

Please reserve your place

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ENSIGHT™ BIPORTAL

Module 1: Interlaminar Approach for Unilateral Spinal Decompression

Part of the EnSight™ Biportal Endoscopic Spine Curriculum

Thursday, 27th – Friday, 28th of March 2025

Nexon Medical AG, Länggasse 4, 6208 Oberkirch, Switzerland

Facilitator: *



Dr. Jose Luis Sanmillan

Neurosurgeon,
Hospital Universitari de Bellvitge,
Hospitalet de Llobregat, Barcelona
Spain



Dr. Nicolas Lauper

Orthopedic surgeon,
Hôpitaux universitaires de Genève,
Switzerland

Learning outcomes

By the end of this course, a learner should be able to:

1. Describe the main differences between microscopic, uniportal and biportal endoscopic surgery
2. Select the proper indications and limitation of applying the biportal intralaminar approach
3. Recognize the relevant surgical anatomy and key landmarks
4. Determine the appropriate OR set-up and patient positioning for the technique
5. Associate the correct procedural steps for lateral recess decompression for lumbar stenosis
6. List the most typical complications management strategies for biportal endoscopic surgery
7. Demonstrate appropriate motor-skills and hand-eye coordination to perform the procedure safely.

EnSight Biportal Curriculum to elevate your skills

Our CPD courses prioritize lifelong learning for surgeons, methodically building key competencies.

To enhance learning through deliberate practice, participation in Biportal Endoscopic courses is limited to 8 participants.

- ▶ **Module 1:** Interlaminar Approach for Unilateral Spinal Decompression
- ▶ **Module 2:** Interlaminar Approach for Bilateral Decompression (ULBD) and Fusion
- ▶ **Module 3:** Foraminal Approach for Decompression and Transforaminal Fusion
- ▶ **Module 4:** Posterior Cervical and Thoracic Decompression

For more information visit:

<https://nexonmedical.com/education>

MODULE 1: PRELIMINARY AGENDA

Day 1

- 6:00 pm Welcome & Setting Expectations
- 6:20 pm Why EnSight Biportal
- 6:40 pm System overview
- 7:00 pm Building Basic Endoscopic Skills (EnSight Box & King Oyster)
- 8:00 pm Dinner

Day 2

- 7:45 am Welcome & Overview of the Day
- 7:55 am Comprehension (Flipped Classroom)
- 8:40 am Basic Technique Review & Discussion
- 9:00 am Coffee Break
- 9:15 am Practical– Performance (Realistic Spine Lab)
- 10:30 am Coffee Break
- 10:45 am Presentation and discussion on bleeding control and complications
- 11:05 am Workshop on skin incisions and trajectory
- 11:20 am Practical– Performance (Realistic Spine Lab)
- 12:20 pm Lunch
- 1:00 pm Case Discussion (Peer-to-peer)
- 2:00 pm Coffee Break
- 2:15 pm Practical– Performance (Realistic Spine Lab)
- 3:15 pm Introduction to Communities of Practice (CoP)
- 3:25 pm Reflection and Commitment to Change
- 3:40 pm Take Home Message
- 3:45 pm Optional: Practical– Performance (Hands-on)

* Facilitator presents depending on course date.