

### 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, and beverage
- ▶ 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.

*Optional: NEXON can organize one-day "clinical observation" with national faculty – CHF 1'000\**

*\*Excludes travel and accommodation*

### Please reserve your place

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## ENSIGHT™ BIPORTAL

### Module 1: Interlaminar Approach for Stenosis and Disc Hernia

Part of the EnSight™ Biportal Endoscopic Spine Curriculum

Thursday, 25<sup>th</sup> – Friday, 26<sup>th</sup> of January 2024 (Facilitator: A. Faundez)  
 Tuesday, 27<sup>th</sup> – Wednesday, 28<sup>th</sup> of February 2024 (Facilitator: X. Santander)  
 Thursday, 07<sup>th</sup> – Friday, 08<sup>th</sup> of March 2024 (Facilitator: A. Faundez)  
 Monday, 11<sup>th</sup> – Tuesday 12<sup>th</sup> of March 2024 (Facilitator: E. González)  
 Thursday, 02<sup>nd</sup> – Friday, 03<sup>rd</sup> of May 2024 (Facilitator: A. Faundez)  
 Tuesday, 11<sup>th</sup> – Wednesday, 12<sup>th</sup> of June 2024 (Facilitator: X. Santander)  
 Thursday, 20<sup>th</sup> – Friday, 21<sup>st</sup> of June 2024 (Facilitator: X. Santander)  
 Wednesday 21<sup>st</sup> – Thursday, 22<sup>nd</sup> of August 2024 (Facilitator: X. Santander)  
 Thursday, 22<sup>nd</sup> – Friday, 23<sup>rd</sup> of August 2024 (Facilitator: X. Santander)  
 Tuesday, 24<sup>th</sup> – Wednesday, 25<sup>th</sup> of September 2024 (Facilitator: TBC)  
 Thursday, 17<sup>th</sup> – Friday, 18<sup>th</sup> of October 2024 (Facilitator: A. Faundez)  
 Tuesday, 19<sup>th</sup> – Wednesday, 20<sup>th</sup> of November 2024 (Facilitator: J. Sanmillan)  
 Thursday, 05<sup>th</sup> – Friday, 06<sup>th</sup> of December 2024 (Facilitator: A. Faundez)

→ Training on Day 1 starts at 18:00 and ends on Day 2 at 16:15

**Facilitator: \***



**PD Dr. Antonio Faundez**  
Orthopedic surgeon,  
Hôpital de la Tour, Meyrin  
Switzerland



**Dr. Jose Luis Sanmillan**  
Neurosurgeon,  
Hospital Universitari de Bellvitge,  
Hospitalet de Llobregat, Barcelona  
Spain



**Dr. Xavier Santander**  
Neurosurgeon,  
Instituto Clavel, Madrid  
Spain

\* Facilitator presents depending on course date.

**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 Stenosis and Disc Hernia Using the Drill
- ▶ **Module 2:** Interlaminar approach for complex stenosis (Over-the-top-decompression)
- ▶ **Module 3:** Transforaminal approach for disc herniation and spinal stenosis
- ▶ **Module 4:** Endoscopic Fusion
- ▶ **Module 5:** Posterior Cervical & thoracic decompression

**For more information visit:**

<https://nexonmedical.com/education>

**MODULE 1: PRELIMINARY AGENDA**

**Day 1**

18:00	Welcome & Setting Expectations
18:20	Review EnSight Biportal Q&A Session what you learned in the Pre-study
18:40	System overview
19:00	Building Basic Endoscopic Skills with Simulations (EnSight Box & King Oyster)
20:00	Dinner

**Day 2**

08:00	Welcome & Overview of the Day
08:10	PEYTON Model #3 – Comprehension (Flipped Classroom)
09:10	Coffee Break
09:25	PEYTON Model #4 – Performance (Realistic Spine Lab) ▶ Ipsilateral Decompression
11:00	Coffee Break
11:15	Learning Task completion
11:35	Workshops ▶ Skin Incision & Trajectory ▶ Bleeding Control & Complication
12:15	Lunch
13:00	PEYTON Model #4 – Performance (Realistic Spine Lab) ▶ Ipsilateral Decompression
14:30	Coffee Break
14:45	Case Discussion (Peer-to-peer)
15:45	Reflection and Commitment to Change
16:05	Take Home Message
16:15	Optional: Practical – Performance Hands-on