



2nd
MENA SPINE
CONGRESS

Simulatory
Simulation Reimagined

Spinal Endoscopy Master Workshop

Organized by Simulatory AG

Date: 24/01/2026

Time: 08:00 – 13:00

Faculty

Prof. Dr. Jin-Sung Kim

Prof. Dr. Jean-Yves Fournier

Dr. Ghazwan Hasan

08:00 – 08:30 — Session 1 — Welcome, Orientation & Principles

- Evolution of endoscopic spine surgery
- Indications / contraindications
- Benefits of VR Simulation in Endoscopy training: highlight VRspine Pro
- Uniportal vs Biportal overview
- Learning objectives for the day

08:30 – 09:00 — Session 2 — Uni-portal Endoscopy Concepts

- Access corridor & safety triangle
- Needle → dilators → cannula workflow
- Mastering the learning curve:
 - ✓ Training using VR simulators
 - ✓ Deliberate practice
 - ✓ Hopital du Valais: Success story – Effective implementation of training regime
- Case videos with live commentary

09:00 – 09:20 — Break / Faculty Transition

09:20 – 10:00 — Session 3 — VR Warm-Up Hands on Lab (VRspine Pro)

- Uniportal herniation module
- Biportal decompression module
- Anatomy & navigation module
- Case based demonstration and mentoring



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10:00 – 11:10 — Session 4 — SYNspine Hands-On Lab (Uniportal)

- Interlaminar technique
- Transforaminal Technique
- Disc access & fragment removal: Tips and tricks
- Faculty feedback + coaching

11:10 – 12:20 — Session 5 — SYNspine Hands-On Lab (Biportal UBE)

- Portal markings
- Laminotomy & flavectomy
- Interlaminar decompression
- Endplate & root handling
- Water management skills

12:20 – 12:30 — Break

12:30 – 13:00 — Session 6 — Complications, Case Panel & Wrap-Up

- Bleeding, dural tears, decompression errors
- Avoid FUD factor
- Stenosis vs herniation nuances
- Building an endoscopic practice
- Certificates + training pathway

