



Spinal Endoscopy Master Workshop

Date: 22/01/2027

Time: 14:00 - 17:00

Faculty

Prof. Dr. Jens Chapman

Prof. Dr. Dan Riew

Dr. Ghazwan Hasan

Dr. Muzahem Taha

14:00 – 14:30 — Session 1 — Welcome, Orientation & Principles

(Dr. Riew and Dr. Taha)

- 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

14:30 – 15:00 — Session 2 — Uni-portal Endoscopy Concepts

(Dr. Riew and Dr. Taha)

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

15:00 – 15:15 — Break / Faculty Transition

15:20 – 16:00 — Session 3 — VR Warm-Up Hands on Lab (VRspine Pro)

(Dr. Riew, Dr. Taha, Dr. Chapman and Dr. Hasan)

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



MENA SPINE
CONGRESS

16:00 – 17:00 — Session 4 — SYNspine Hands-On Lab (Uniportal)

(Dr. Riew, Dr. Chapman, Dr. Hasan and Dr. Taha)

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