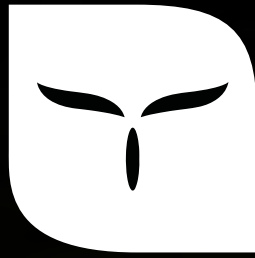


SpineHUB Pro



A Collaborative Technology by

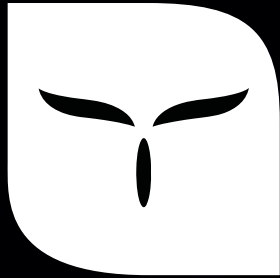


UpSurgeOn and

Inovus
Medical*



SpineHUB Pro



SpineHUB Pro is the result of a powerful collaboration between UpSurgeOn and Inovus Medical—merging the most advanced simulation and imaging technologies to create a fully integrated training platform for endoscopic spine surgery.

Dual Anatomical Modules: Seamlessly switch between UpSurgeOn's Endoscopic LumbarBox Extended and Endoscopic Posterior CervicalBox simulators to perform complete endoscopic lumbar and cervical procedures in a single session.

Integrated Mobile X-Ray: Train with UpSurgeOn's built-in Mobile X-Ray system to master image-guided techniques—without needing access to an OR suite.

Integrated Imaging System: The system includes Inovus Medical's Sim Station, with complete endoscope and imaging platform, providing high-resolution visualisation for realistic, hands-on training.

Complete OR Toolkit: Practice using the real surgical instruments provided by Inovus Medical, including rongeurs, nerve hooks, elevators, and forceps for maximum realism.

Irrigation System: Complete irrigation system by UpSurgeOn to perform life-like surgical procedures anywhere.

Data-Driven Performance Analytics: Utilise the Totum platform to capture instrument trajectories, force metrics, and procedure times, facilitating objective assessment and feedback.

A Collaborative **Technology** by





SpineHUB Pro

All-in-One HUB for Lumbar and Cervical Endoscopy

SpineHUB Pro empowers surgical training programs, Medical Technology companies and healthcare institutions to deliver high-fidelity, fully immersive endoscopic spine simulation.

This compact, state-of-the-art system meets the full spectrum of endoscopic spine training needs—from foundational skills and procedural work-flows to advanced decompression and fusion techniques.

Ideal for both simulation centres, commercial labs and clinical environments, SpineHUB Pro supports everything from structured curriculum delivery to real-time preoperative warm-up. With unlimited Totum user licenses, the platform ensures that there are no barriers to training the next generation of spine surgeons.

Included in the package:

- 1x Sim Station
- 1x Endoscopic LumbarBox Extended
- 1x Endoscopic Posterior CervicalBox
- 1x Endoscopic Camera
- 1x LED Light Lead
- 1x Spinal Endoscope
- 1x Rongeur (Uniportal)
- 1x Nerve Hook (Uniportal)
- 1x Elevator (Uniportal)
- 1x Biopsy Forceps (Uniportal)
- 1x Punch Forceps (Uniportal)
- 1x Bi-portal instrument set
- 1x Irrigation kit (pump, buckets, tubes)
Irrigation bags
- 1x hard-shell carry case
- 1x Soft shell carry case

Product code:00002200



Key components included in the package:



Endoscopic Posterior CervicalBox



Endoscopic LumbarBox Extended



Bi-portal instruments



Endoscopic Camera, Spinal Endoscope and instruments



Outer soft shell wheeled carry case containing the following inner cases:

- Inner case to house components and camera
- Camera case
- Instrument and scope case



Hard-shell carry case

SpineHUB Pro

Training Capabilities

Advanced Surgical Training
with Integrated Augmented
Reality

Lumbar Techniques

- Practice endoscopic lumbar discectomy, extraforaminal approaches and vertebroplasty across all levels from L1 to S1.

Cervical Techniques

- Execute posterior cervical laminectomies, laminoplasties and artery exposures from C2 to C6.

Immersive AR Assistance

- Leverage augmented-reality overlays for live anatomical guidance that sharpens spatial awareness and accuracy.

SpineHUB Pro combines hyper-realistic anatomical models with cutting-edge technology to provide an immersive and effective training environment for endoscopic spinal surgeries.



Totum Connect to perfect surgical technique



SpineHUB Pro
Powered by

TOTUM



Guiding the way to surgical success

Connect with mentors, peers, and
examiners to share best practice



Unlocking the power of practice

Video capture and debrief provides an
ecosystem for review, refinement, and
mastery of surgical procedures



Harnessing the power of data to transform surgical training

Objective performance metrics guide
improvements in surgical technique
and operative flow



Dynamic assessment, universal recognition

Issue certificates of competency,
gain CPD/CME points for time
spent training, perform work based
assessments and OSATS

TOTUM[®]

To learn more about connected surgical training
Powered by Totum, visit www.inovus.org



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