



Customized Simulation Training for Image-Guided Interventions in Pain Medicine

**Accelerate Your Product
Adoption Using Innovative
Virtual Reality Simulators**

PERC Mentor Suite - Percutaneous Image-Guided Interventions Simulator

One platform that enables multi-specialty practice for endless number of ultrasound or fluoroscopy guided interventions. Simply plug-in the relevant anatomy and start the procedure.

Needle Positioning Guidance

View the needle position on both 3D anatomical map and live ultrasound image, to achieve accurate puncture.

Unmatched Educational Value

Includes step-by-step procedure guidance, anatomical labels and trainee assessment.

True-To-Life Anatomical Models

Enables anatomical marker palpation and provides haptic feedback during puncture.

Nerve Block Module

Ultrasound-guided nerve block training including ultrasound evaluation, needle access, local anesthesia injection and visualization of the spread using Interscalene, supraclavicular or infraclavicular upper extremity approaches.

Central Line Placement Module

Ultrasound-guided central venous catheter insertion training, including ultrasound evaluation, needle access, wire insertion and verification using infraclavicular and supraclavicular approach.





SPINE Mentor - Minimal Invasive Spine Surgery Simulator

The combination of a true-to-life physical spine model and advanced virtual reality capabilities creates a highly accurate simulation with realistic sensation.

Safe Imaging Training

Provides real-time fluoroscopic image and C-arm control panel operation in a radiation-free environment.

Unmatched Educational Orientation

Promotes self-learning with dynamic instructions, anatomical map and meaningful performance metrics.



Spinal Cord Stimulation (SCS) Module

Fluoroscopy-guided needle insertion and implantation of up to 4 electrode leads in the epidural space with loss of resistance technique.

Benefits of Custom Simulation:

- Showcase your product at conferences: attract audience and provide hands-on experience
- Accelerate product adoption: train busy KOLs on the go
- Train and educate anywhere: portable simulators enable global staff training
- Reduce training costs: endless interventions with no disposables
- Minimize training on animals and cadavers



SCAN ME

Contact us to learn more: info@surgicalsecience.com

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