Lifelike Training – Without a Cadaver

- The B SYM™ will offer a portfolio of training models simulating healthy and pathological anatomies.
- Our B SYM™ simulator features realistic biomimetic materials, enabling residents to gain confidence and expert attending surgeons to learn the newest surgical techniques.
- Our simulator provides a perfect alternative for Medtech Companies to showcase their products, all without the limitations of cadavers.

Surgical Training Everywhere

- The B SYM™ is designed to help learners acquire new surgical skills without a cadaver.
- With its real life look and feel, the B SYM™ encourages learners to perform deliberate practice of defined procedures and techniques in a safe environment anywhere.
Features:

- Allows surgeons to use real surgical instruments
- Supports both open and minimally invasive procedures, including endoscopy
- Can be used with power tools, irrigation and suction systems
- Practice the opening, screw placement, decompression and more
- High quality imaging with fluoroscopy and CT scans
- Compatible with navigation systems

Multiple Anatomical Structures and Pathologies

We use advanced materials to offer a highly immersive biomimetic simulator. The B SYM™ provides an accurate haptic feeling across several anatomical structures, closely matching real human tissues. Our innovative materials and production processes have been achieved through intensive R&D work with our team of material engineers and scientists, and validated by our surgical medical advisors.

Simulated structures include:

- Skin
- Muscle
- Cortical and cancellous bone
- Annulus fibrosus
- Nucleus pulposus
- Dura including CSF
- Nerve roots
- Ligaments (ligamenta flava, supraspinous and interspinous ligaments)
- Epidural fat
TESTIMONIALS

"It is an amazing model for training. The big part is the bones that feel the same. It feels great & real."

Dr Eric Nottmeier
Spine Neurosurgeon

"I thought the bony anatomy was depicted very well, to scale, appropriate shapes, appropriate articulations, appropriate vertebral interspaces and interlaminar spaces."

Dr Jared Crasto
Spine Surgeon

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