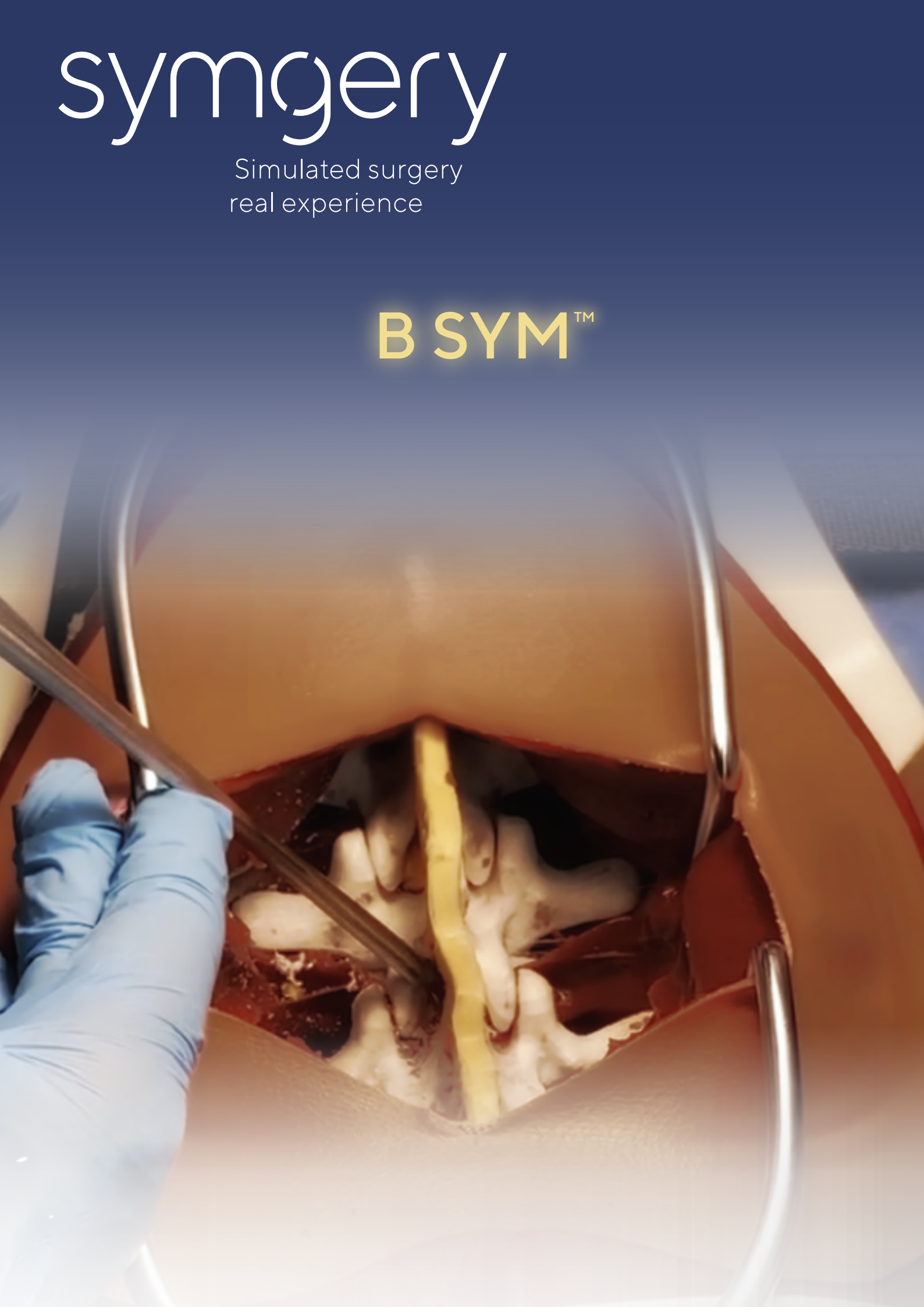
symgery

Simulated surgery
real experience

B SYM™



Lifelike Training – Without a Cadaver

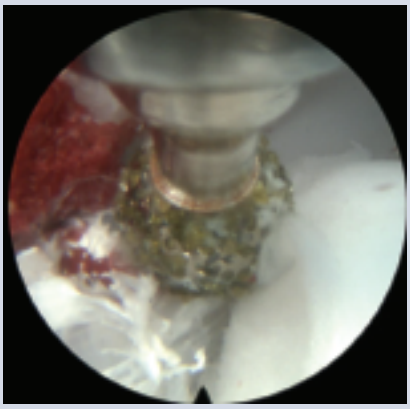
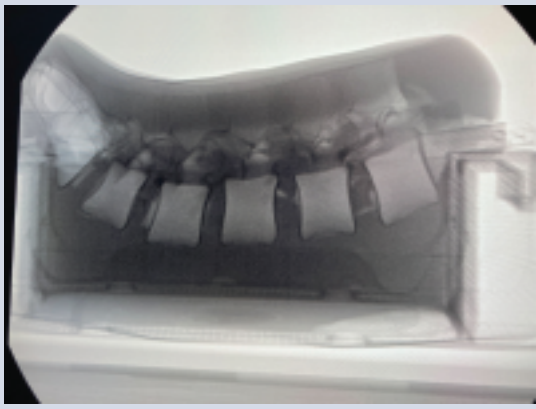
• The B SYM™ will offer a portfolio of training models simulating healthy and pathological anatomies.
• Our B SYM™ simulator features realistic biomimetic materials, enabling residents to gain confidence and expert attending surgeons to learn the newest surgical techniques.
• Our simulator provides a 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 a an amazing model for training.
The big part is the bones that feel the same.
It feels great & real."

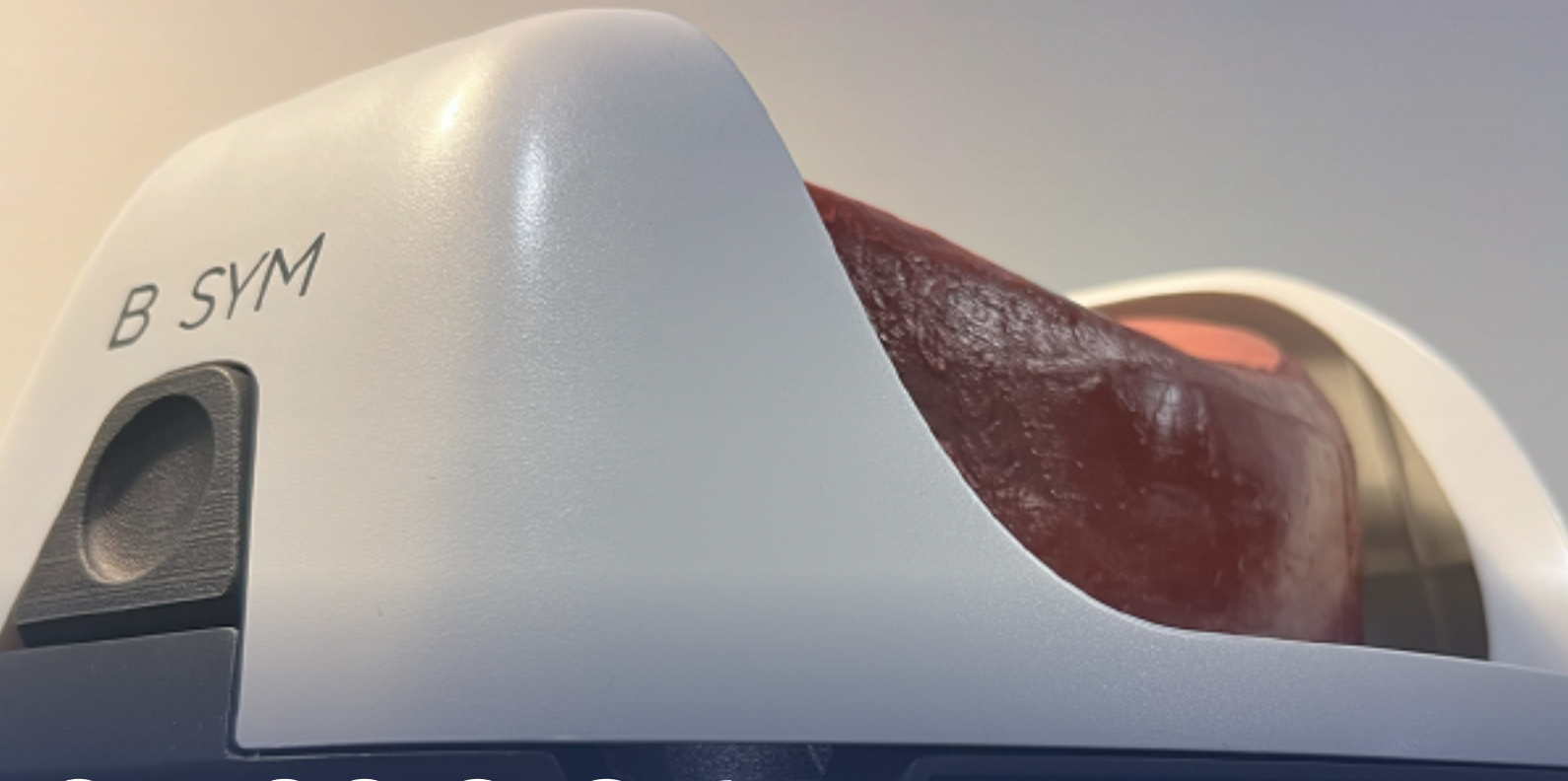
Dr Eric Nottmeier
Spine Neurosurgeon

MAYO CLINIC

"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

The Christ Hospital Health Network



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