Medical technology advancements are changing the way surgery is performed by combining the benefits of navigation and robotics into one technology.
ExcelsiusGPS™ is the next revolution in robotic spine surgery designed to optimize patient recovery through minimally invasive spine surgery.
Combining Robotic Guidance and Navigation

Robotic Guidance involves the placement of instruments and implants through a rigid robotic arm that orients the surgeon along a guided pathway.

Navigation provides continuous feedback and visualization and real-time visualization of instrument and implant positioning with respect to patient anatomy.

This combination of technology provides surgeons with information to make informed decisions.
Minimally invasive procedures could potentially result in:

• Smaller scars\(^1\)
• Less blood loss\(^2\)
• Less muscle damage\(^2\)
• Faster recovery\(^2\)

2 – Euro Spine J Minimally invasive versus open transforaminal lumbar interbody fusion: a meta-analysis based on the current evidence.