Over a decade of clinical data and more than thirty peer-reviewed publications show that ultrasound technology can help you more accurately identify a given lumbar intervertebral space when administering an epidural or spinal anesthesia.

Research shows that ultrasound reduces the number of needle sticks and improves efficacy and safety. That’s good news for your practice and especially comforting news for your patients.

The following publications prove the efficacy of ultrasound-guided spinal anesthesia in terms of detecting epidural location and depth, reducing the number of needle sticks, and improving patient safety:

**CLAIM: Identifies a given lumbar intervertebral space**


**CLAIM: Predicts needle insertion depth required to reach the epidural space**


(continued)
CLINICAL EVIDENCE


CLAIM: Provides same efficacy as fluoroscopy in guiding lumbar epidural anesthesia


CLAIM: Automates epidural space identification, midline, and depth with high accuracy*


*94% epidural identification success rate within 5 seconds of imaging

*Error of epidural depth and midline was less than 3 mm