# ProMIS™ Fixation System

## Advanced MIS screw placement

Premia Spine

# 5 interchangeable screw placement techniques. You can switch intraoperatively based on your assessment of the situation!

### DIRECT SKIN-TO-SCREW TECHNIQUE

- One instrument takes you from skin incision to final screw placement
- Preload your screwdriver with a pedicle screw, tower, and k-wire
- Control the k-wire. Extends up to 20mm beyond screw tip for insertion anchoring and confirmation of trajectory
- Knob to fully retract k-wire into screw body to avoid breach of cortex
- Less time. Less x-ray exposure, for **open and MIS techniques**

### K-WIRELESS DILATOR TECHNIQUE

- Trio of dilators directly paves your way from pedicle awl to screw placement
- Radiolucent dilator. Better visualization
- No tissue in your field of work
- No need for a k-wire

### JAMSHIDI TECHNIQUE

- Robust, reusable Jamshidi with an integrated k-wire
- No disposable instruments. Saves cost

### TAP-SHIDI TECHNIQUE

- Save a step and start with the Tap-Shidi
- In the time you place a Jamshidi, you already complete the tapping
- Insert the pedicle screw over a k-wire
- Fewer steps. Fewer instruments

# ProMIS™ Fixation System

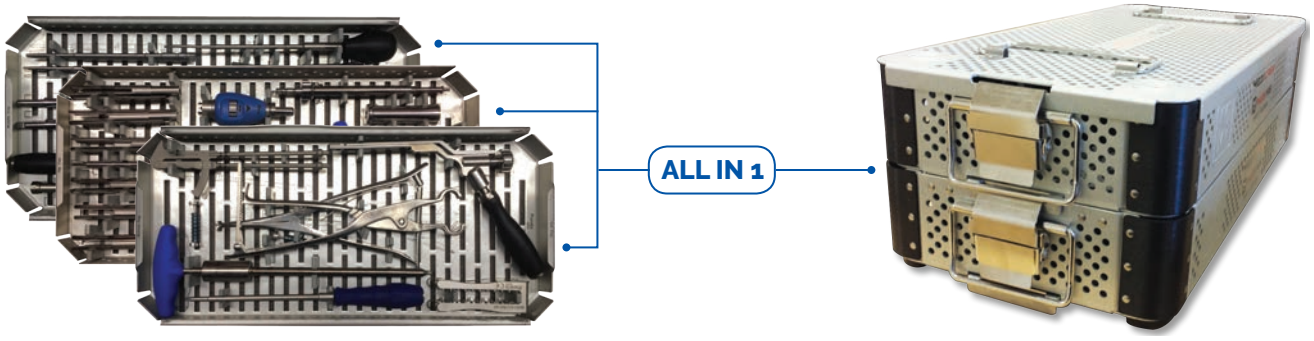
## Delivers value to patients and hospitals

- **Fewer steps. Faster procedure. Five screw placement solutions in one kit**
- **Less radiation exposure for operating room staff and patients**
- **Small uniform skin incisions with least muscle trauma**
- **Sterile implants**
- **More economical reprocessing**

## ROBUST INSTRUMENTS. REAL SOLUTIONS

- Screw-to-tower and rod-to-inserter interfaces are solid
- Rods and towers detach and re-attach only when you want
- Three different reduction options, including a novel 7mm ultra-quick reduction
- Robust compression and distraction instruments for maximum cage-bone interface and optimal sagittal balance

## FEWER INSTRUMENTS. MORE ECONOMICAL REPROCESSING




## PATENTED SCREW SURFACE

With documented improvement in screw-bone integration*


* Effect of Micrometer-Scale Roughness of the Surface of Ti6Al4V Pedicle Screw in Vitro and Vivo. Schwartz, Boyan et. al. The Journal of Bone and Joint Surgery. 2008. p. 2485-2498

## INDIVIDUALLY PACKED STERILE IMPLANTS

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