



Alleviating Pain
SINCE 1962



Posterior Lumbar
Minimally Invasive Surgery



Insert the pedicle targeting Jamshidi needle through the incision. Using A/P fluoroscopy, Advance the needle to the desired depth.



Fig-01

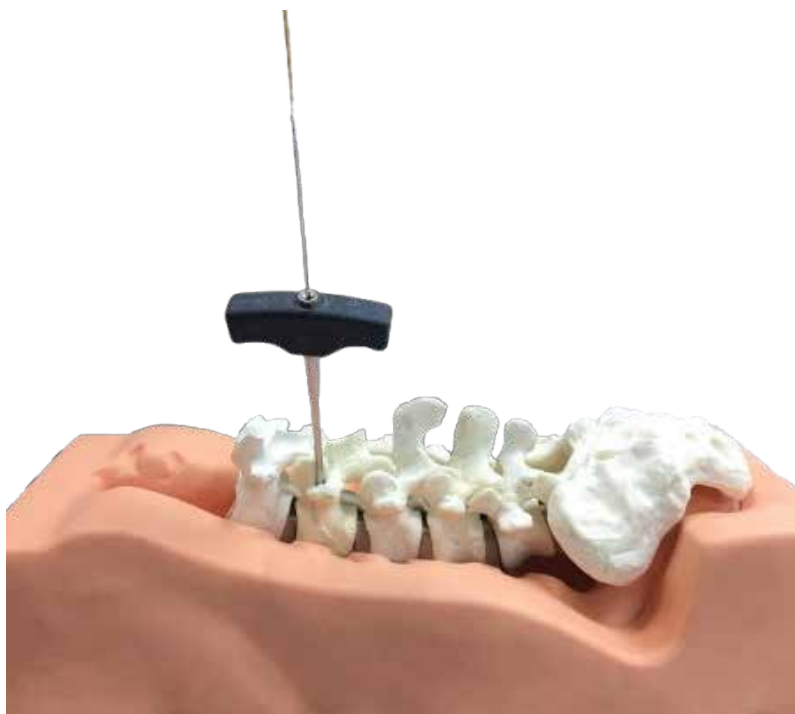


Fig-02

Insert the K-wire through the cannulated needle sheath. Once the K-wire is inserted and firmly docked

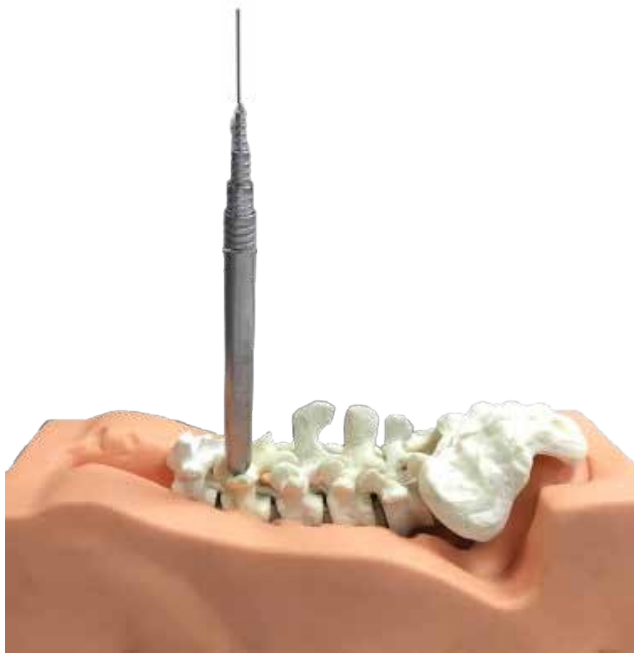


Fig-03

Pass the sequential dilators (starting with the smallest) over the wire to create a working portal.

Pass the Screw Depth finder to identify the screws length.



Fig-04



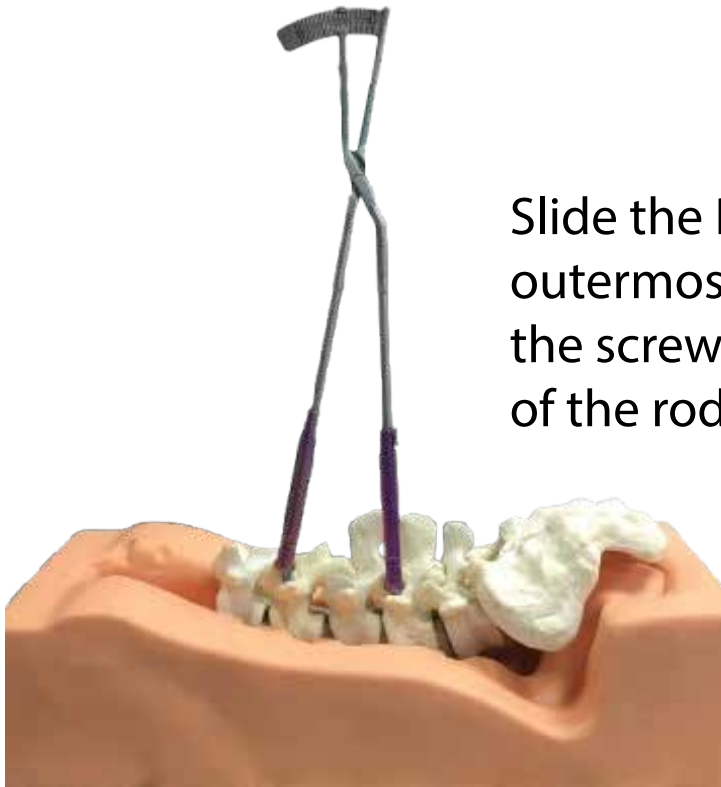
Fig-05

Pass the selected size cannulated pedicle tap over the K-wire to prepare the pedicle.



Fig-06

The screw construct properly connected to the screwdriver and pass the screw over the K-wire and down to the pedicle until the screw reaches the posterior wall of the vertebral body.



Slide the Rod Caliper tool down the outermost towers until each leg reaches the screw head to measure the length of the rod.

Fig-07

Insert the rod into the Rod Insertor's window and pass the Rod Insertor to guide the rod down the base of each screw.

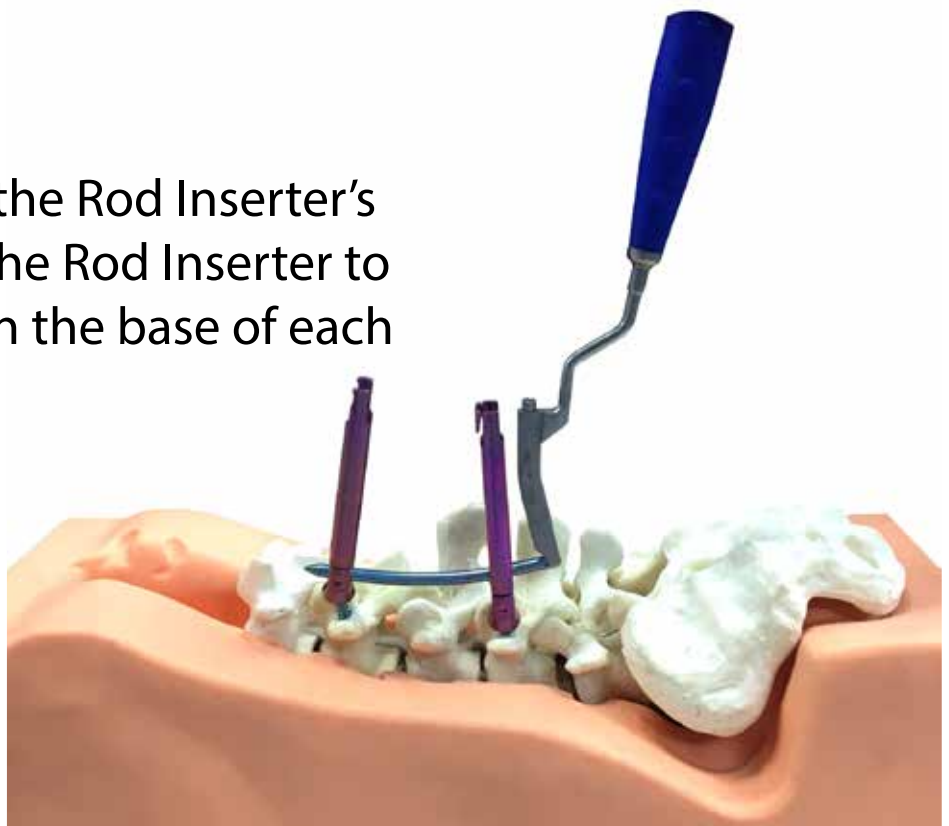


Fig-08

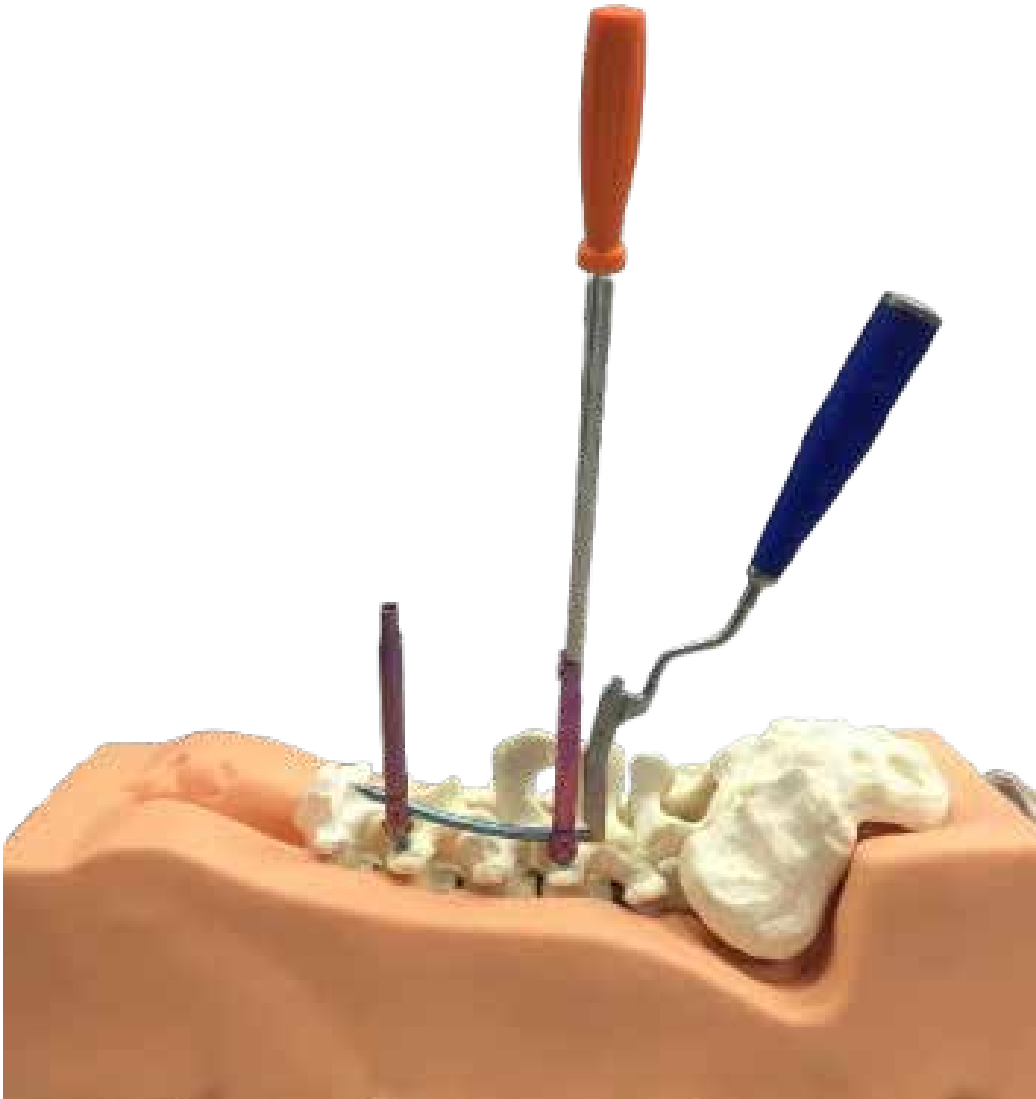


Fig-09

Tighten the set-screw on the slide to mark the position. Remove the Rod Caliper.

For Compression and distraction place the two extenders of MIS Disc Space Adjuster around the two screw towers and turn the key in the direction of the intended action as exhibited by the instrument's marks



Fig-10

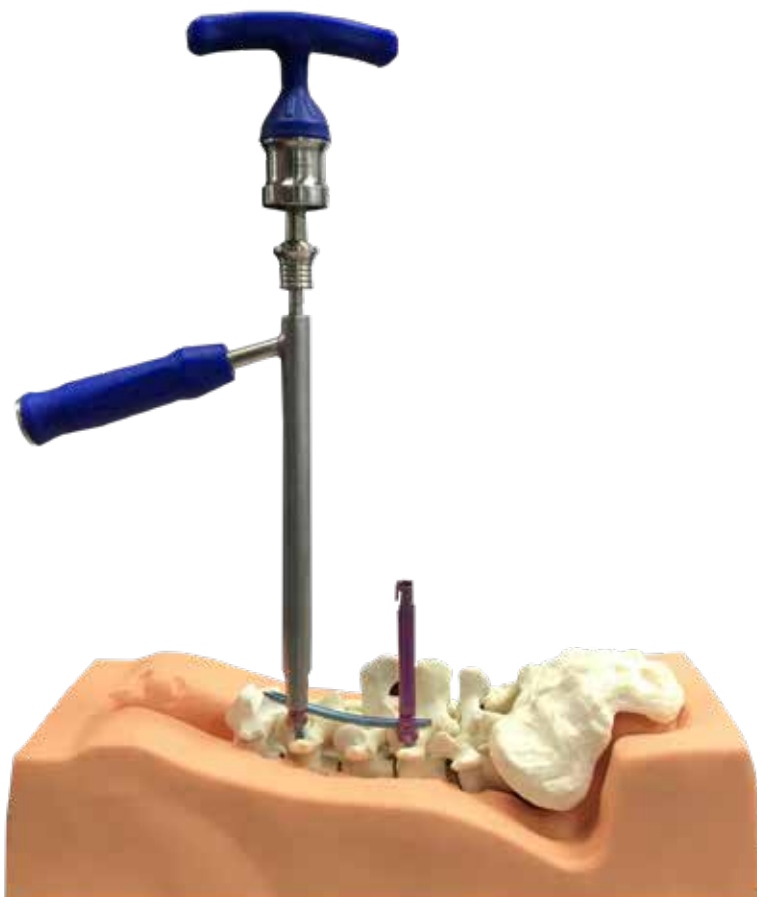


Fig-11

Final tighten the innery a Torque Limiting T-Handle and MIS Counter Torque to be placed around the screws and Tighten the Lock Screw until get the click sound.

Place the tab breaker instrument over the screws and flip medially and laterally until both the tabs have been removed.

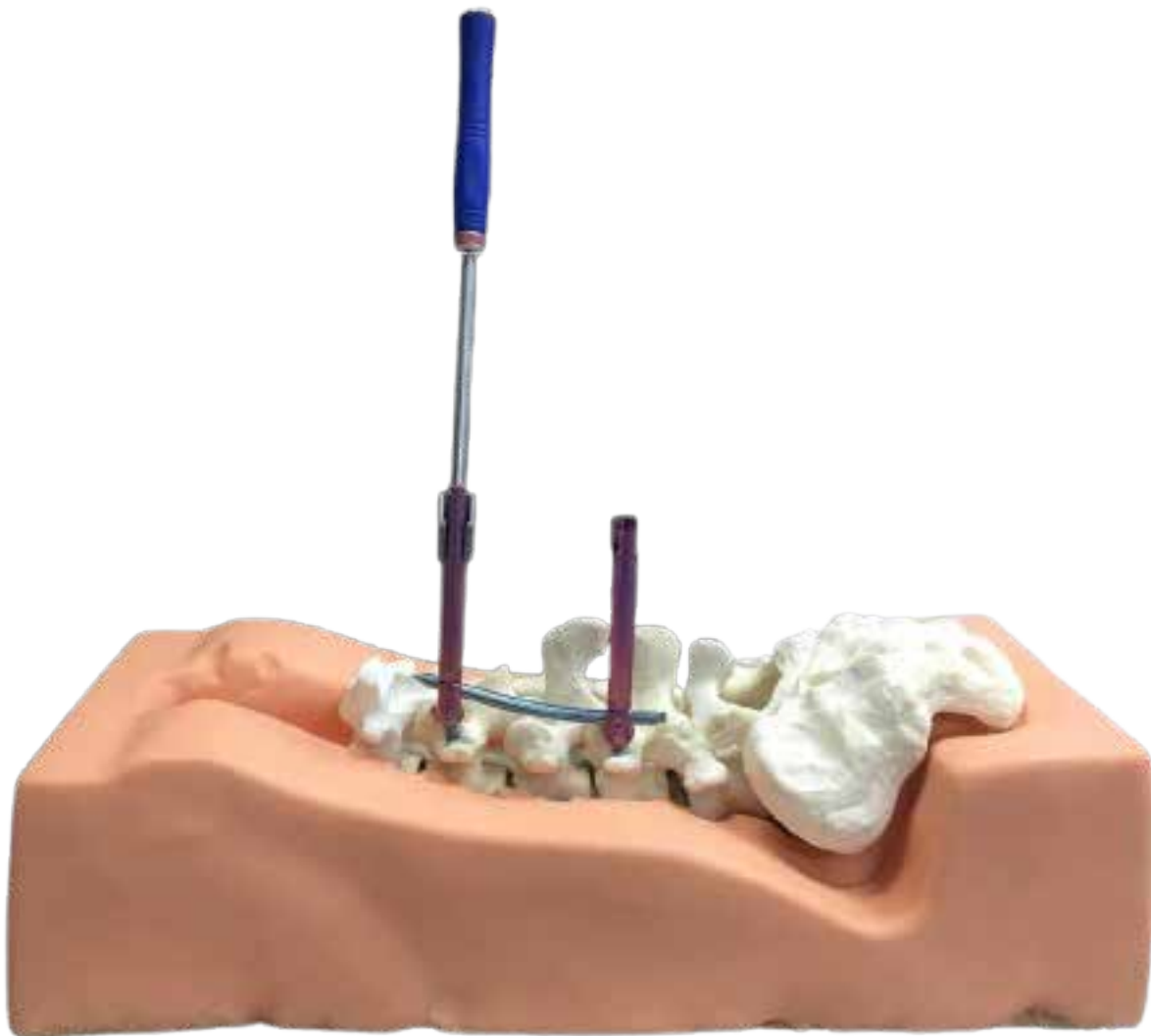


Fig-12