

The perfect combination of ingenuity, technology and beauty smooth operation, safe and reliable.

The latest generation of 5.5 posterior spinal universal nail system Premier, your powerful weapon for spinal disorders!











EQUIN

orthopaedics



PREMIER 10 years of WEGO www.wegortho.com



Premier 5.5 Complete posterior system



Premier 5.5 Universal



Premier CBT Cortical bone screw



Premier bone cement screw

Premier MIS Minimally invasive system



Premier Iliac screw



Premier Sacro-iliac screw







Domino connector





Locking plug

Single plane screw





Φ4.0







Φ7.0



 Φ 7.5 Iliac screw



Premier 5.5 Universal posterior spinal screw system



5.5/6.0 Universal multi-directional connectors



Single plane reduction screw

Color coded universal Polyaxial screws



Φ5.0





 Φ 8.0 Iliac screw





 $\Phi 8.5$ Sacro-iliac screw



Premier 5.5 Universal Screw System

Safe and reliable implants



Patented three-stage double-lead conical design thread, increasing ease of insertion while resisting pullout forces.

The combination of the Titanium alloy rod / cobalt-chromium srew, with roughened surface treatment, provides greater friction at the screw-rod interface and greater construct strength.





Premier Sacro-iliac screw Up to 80° of angulation.







Premier 5.5 Universal Screw System

Safe and intuitive tools







X-ray illustrating the contained cement application



Side opening perforations ensure controlled cement containment



PREMIER

Premier MIS Minimally invasive pedicle screw







Premier CBT Cortical bone screw

Characteristics of cortical bone screws



Unique notch design, with a maximum swing angle of 80°



Low profile conical screw design.

Indications

Osteoporosis; Patients with degeneration and revision of adjacent segments; Obese patients; Patients requiring bilateral decompression.

Advantages of cortical bone screw technology

Cortical bone screw trajectory vs traditional. CBT follows a cortical trajectory and when combined with the double thread design, provides excellent fixation even in poor bone. ?



Benefits of this approach are a smaller incision, reducing soft tissue exposure and traction, less bleeding and faster recovery even in patients with challenging co-morbidities.



Simple and intuitive instruments and retractor.

Provides options for patients with complex comorbidites such as those with severe osteoporosis, obesity, with lumbar spine surgery, and patients requiring revision surgery.



Demonstration of traditional pedicle screws (right) and CBT cortical bone screws (left)

Approach and entry point





Starting point: The plane of the lower edge of the transverse process, and the outer edge of the isthmus is moved inward by 3-5mm (about the centerline projection point of the previous vertebral joint process). Note: The screw insertion point of the caudall vertebra is 1-2mm higher than that of the cranial vertebra.





