

Xia® 3

Spinal System

Comprehensive pedicle screw system based on patented¹ foundational technology and designed to offer “Simplicity with Options”

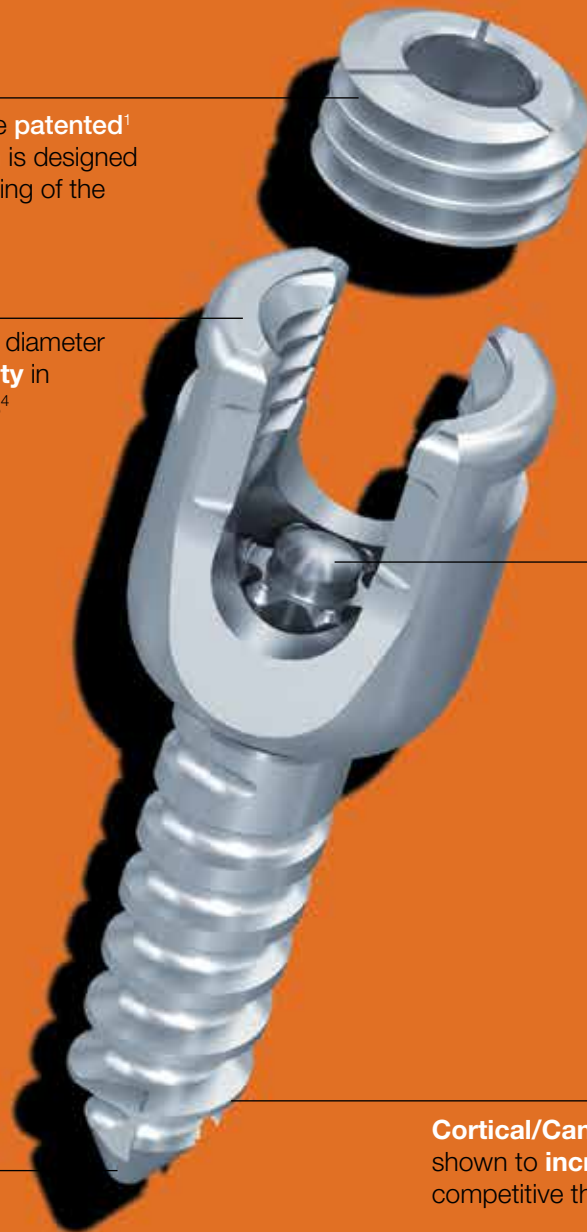
Offering 15 years of design history, the **patented¹ buttress thread locking mechanism** is designed to minimize cross threading and splaying of the screw head²

System accepts both 5.5 and 6.0mm diameter rods, offering **intraoperative flexibility** in choosing rod diameters and materials⁴

Enhanced 6-star screw head design provides a **more rigid connection to screwdriver** than previous design and enhances intraoperative usability during screw engagement³

The cutting flute of the screw allows for **easier insertion** and **elimination of the tapping step** during the procedure⁵

Cortical/Cancellous thread on screws has been shown to **increase pull-out strength⁶** over competitive thread patterns



Xia[®] 3

User Experience

- Comprehensive system that is designed to **treat degenerative, trauma, and deformity applications including adolescent idiopathic scoliosis**
- Provides **intraoperative flexibility in choosing rod diameters and materials**. System accepts both Ø5.5mm and Ø6.0mm diameter rods in straight, pre-cut, and pre-bent Titanium Alloy, Commercially Pure Titanium, and Vitallium materials for **addressing multiple pathologies with one system**⁴
- Enhanced 6-star screw head design provides a **more rigid connection to screwdriver** compared to previous design and enhances intraoperative usability to **engage screw twice as well as Medtronic Legacy, potentially allowing for increased OR efficiency and an enhanced user experience**³
- 10 unique screw designs, 6 rod options and multiple connector capabilities are designed to provide **intraoperative versatility**
- The cutting flute of the screw allows for **easier insertion and elimination of the tapping step** during the procedure⁵
- **Intuitive instrumentation** is specifically designed to address screw insertion, rod bending, and direct vertebral rotation and varies in size and type to meet varying ergonomic needs
- National and local **surgeon-led education courses** offer HCPs the opportunities to gain practical experience and product knowledge in both **didactic and simulated OR settings**

Proven Biomechanical Results

- Used in over 500,000 surgeries and in more than 73 different countries since 1999⁷
- Offering 15 years of design history, the **patented¹ buttress thread locking mechanism** is designed to minimize cross threading and splaying of the screw head²
- **Cortical/Cancellous thread** on screws has been shown to **increase pull-out strength⁵** over competitive thread patterns
- Vitallium rod offers **lower profile rod with greater strength and stiffness** than a 6.0mm Titanium rod⁸ (see figure 1 and 2)
- Xia 3 demonstrates **solid biomechanical strength** in comparison with CD Legacy^{9,10}

figure 1

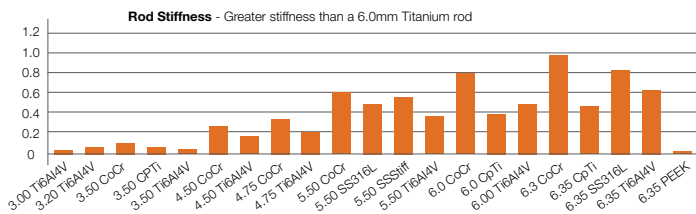
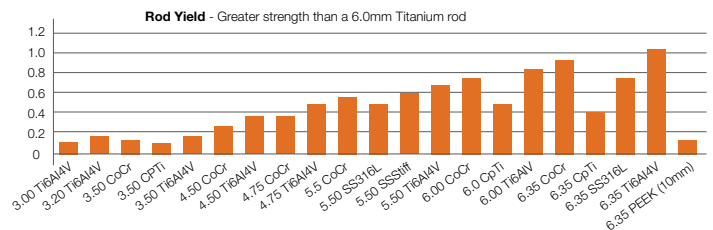


figure 2



Economic Solutions/Cross Divisional Capabilities

- Trays are specifically designed to accommodate both **degenerative and complex deformity** cases
- With the ability to accept two rod diameters, Xia 3 rod-to-rod, offset and revision connectors are designed to adapt to any existing construct in revision cases
- Compatible with Stryker Navigation SpineMap 3D and NAV3i software with **navigation-specific instruments designed for OR efficiency**
- Cleared for **powered screw insertion** using Stryker's Cordless Driver III (CD3) and RemB (corded) drivers

¹ Patent # 6,074,391, ² DHF0000016688, ³ DHF00000016685, ⁴ DHF0000016731, ⁵ DHF0000016869, ⁶ PROJ0000031800, ⁷ TLXIABR12100_US, ⁸ RD0000029504, ⁹ RLAB 050416, ¹⁰ RLAB 061112

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