Vitality® Spinal Fixation System

The Vitality System is a versatile and comprehensive pedicle screw platform that provides the essential components needed to execute rigid fixation of challenging anatomies in complex thoracolumbar procedures.
Restore

Versatility
- 7 different screw styles accommodate either a ø5.5 or ø6.0mm rod
- 12 different screw diameter options support customized approaches
- 6 differing rod styles/materials deliver exceptional intraoperative flexibility

Durability
- T27 drive feature allows for a secure screw-to-driver interface
- Dual-lead, low-pitch iliac screws allow for insertion speed without increased insertion torque
- Specially designed screw shank thread form promotes improved screw stability

Efficiency
- Friction-fit head ensures ideal positioning for simplified rod placement
- Dual-lead screws and set screws are specifically designed for speed and ease of use
- Enhanced ergonomics optimize OR time in an effort to minimize fatigue
- T27 drive mechanism interchangeability promotes intraoperative simplicity
Streamline Your Spinal Procedures

Featuring vigorously tested implants and ergonomically weight-balanced instrumentation, the Vitality System is strong and efficient. This adaptable system is built with a specific focus on intraoperative flexibility, allowing surgeons to develop the right solution for each individual patient.

Vitality vs. The Competition*

- Vitality dual-lead screws insert 66% faster than the competitor.
- Pull-out strength exceeds competition when tested on comparable screw sizes in bone foam, giving you more confidence in the bone purchase in a clinical application.
- Optimized iliac screw thread form advances with the speed of dual-lead, but reduced pitch minimizes large iliac insertion torque.
- No-touch loading of screws and closure tops improves efficiency.
- Improved ergonomics with lighter handles and special speed enhancement features can streamline OR time and may minimize fatigue.

*Data on file.
Advance Your Surgical Capabilities

Engineered to address a wide range of spinal pathologies, the Vitality System offers next-generation implant designs and intuitive instrumentation. Additionally, the versatile nature of the system better equips you to build constructs that effectively address the complexities of your most challenging cases.

Reduction Attachment Notch (ZimRim)
- Positions for easy, strong connection to instrumentation
- Simplifies reduction/distraction

Rod Interconnection Feature
- Maximizes axial and torsional rod grip
- Offers choice of optimal connection with both ø5.5mm and ø6.0mm rods

Modern and Optimized Screw and Set Screw Offering
- Optimizes boney purchase and minimizes insertion torque with custom, dual-diameter minor
- Includes monoaxial, polyaxial, uni-axial, iliac and reduction screw options
- Includes locking set screws, which allow you to lock, unlock and relock without compromising biomechanical strength*
Transverse Connectors
- Simplify implantation with snap-on design
- Feature low torque (50 in.-lb.)
- Accommodate challenging anatomies with low profile and low run on the rod

Iliac Screws
- Streamline screw advancement with a fully threaded screw shank that includes low pitch and dual-lead thread design
- Allow for easier introduction of rod with a proprietary friction-fit head that ensures screw head maintains position

Multiple Rod Options
- Simplify the identification of coronal/sagittal alignment with circumferential rod marking
- Enhance grip strength performance with the high grip finish on cobalt chrome rod
- Include ø5.5mm and ø6.0mm titanium and cobalt chrome, which are available in curved and straight with multiple length options

Closure Top Attributes
- Include dual-lead thread that shares construct load and increases biomechanical strength
- Minimize cross threading with blunt-start thread
- Ensure a strong connection with the T27 hexalobe drive feature

Transverse Connectors
- Simplify implantation with snap-on design
- Feature low torque (50 in.-lb.)
- Accommodate challenging anatomies with low profile and low run on the rod

*Iliac Screws
- Streamline screw advancement with a fully threaded screw shank that includes low pitch and dual-lead thread design
- Allow for easier introduction of rod with a proprietary friction-fit head that ensures screw head maintains position

*Data on file.
*Data on file at Zimmer Biomet. (TPR#00184)

Please see the product Instructions for Use for a complete listing of the indications, contraindications, warnings, precautions and adverse effects. Rx only.

866.378.4195/zimmerbiomet.com

©2016 Zimmer Biomet Spine, Inc. All rights reserved.

All content herein is protected by copyright, trademarks and other intellectual property rights owned by or licensed to Zimmer Biomet Spine, Inc. or one of its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Zimmer Biomet Spine. This material is intended for health care professionals and the Zimmer Biomet sales force. Distribution to any other recipient is prohibited.

0276.1-US-en-REV04 16