Evolution.

Biologics

CopiOs®

TM

Bone Void Filler (6)

Sponge and Paste

Osteoconductive scaffold intended to enhance cellular diffusion and bone formation

• Osteoconductive collagen/mineral structure assists in bone regeneration
• Provides abundance of localized soluble mineral ions to promote bone formation
• Preserves solubility of naturally-occurring BMPs to enhance bone healing process
• Fully resorbs during bone formation

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The newly formed Zimmer Spine is your ideal partner in the future of spinal surgery.

There are now over 3,500 surgeons operating around Europe, Middle East and Africa. More than 300,000 patients every year find their back pain alleviated through your expertise.

We are proud to offer you one of the most comprehensive resources of surgical techniques and implants in our industry.

We look forward to working with you.
1. Nonfusion

Dynesys® Dynamic Stabilization System

Wallis® Posterior Dynamic Stabilization System

Dynardi® Artificial Disc System

Dynesys® Top Loading Dynamic System

Dynesys® DTO™ System

2. Thoracolumbar

Outerbody Fusion

Universal Clamp Implant

Silhouette Spinal System® Fixation

Sequoia Spinal Fixation System

OPTIMA™ ZS Spinal Fixation System

Java® Spinal Fixation System

ST360°® Spinal Fixation System

3. Thoracolumbar Interbody and Anterior Fusion

Fidji® Lumbar Cages

Trinica® Anterior Lumbar Plate System

Trabecular Metal™ VBR-21 Implant

Trabecular Metal™ TM-400 Implant (ALIF)

Trabecular Metal™ TM-500 Implant (PLIF)

4. Cervical Fusion

Trabecular Metal™ TM-

Trabecular Metal™ VBR-S

Vista®-S Cervical Interbody Fusion Device

Fidji® Cervical Cage

Trinica® and Trinica Select® Anterior Cervical Plate System

Nex-Link® Cervicothoracic Fixation System

SlimLine® Anterior Cervical Plate

ThinLine® Anterior Cervical Plate

5. MIS

PathFinder® Minimally Invasive Pedicle Screw System

TraXis® TLIF Cages

Harmony™ Retractor System

Trabecular Metal™ TM-300 Implant (TLIF)

Harmony™ Surgical Port

Ardis® Posterior Lumbar Cages

ARAS® Retractor System

6. Biologics

CopiOs™ Bone Void Filler Sponge and Paste

Contents

Indications

Key

The spacer grooves fit the anatomical shape of the spinous processes.
A complete selection of nonfusion systems.

Offering you a wide portfolio which includes pedicle screw based dynamic stabilization, interspinous dynamic stabilization, and artificial discs.

The Wallis, Dynesys and Dynardi implants are indicated for treating varying stages of DDD when conservative treatment has failed and fusion surgery appears to be too radical.

**Wallis® Posterior Dynamic Stabilization System**
- Preserves the anatomy, keeps option open for later treatment
  - PEEK-OPTIMA™ spacer design minimizes need for bony resection
  - Polyester bands permit an even distribution of stresses on bone
- Preserves mobility
  - Load sharing effect
  - Limits amplitude of movement and increases rigidity in Flexion and Extension
  - Reduces intradiscal pressure

**Dynardi® Artificial Disc System**
- Innovative anatomical implant geometry
  - Features a tunnel instead of a keel for a better anchorage into the bone
  - Larger contact surface with endplates gives better primary stability
- Proven technology
  - Features anti-luxation pin security
  - Its posterior centre of rotation matches the anatomical centre of rotation in the lumbar spine
  - Uses metal/polyethylene material – a proven material combination for less wear debris

**Zimmer® DTO™ Implant**
- Designed to treat different stages of spinal degeneration
- Offers a real transition from a rigid system to a proven dynamic system
- Offers varying system stiffnesses
- Preserves the anatomy

**Dynesys® Top-Loading Spinal System**
- Low-profile, cannulated top-loading screw
- Unique Glide Instrumentation
- Designed for use with the Zimmer DTO Implant and the ARAS MIS retractor
Nonfusion Dynesys® Dynamic Stabilization System

- Proven dynamic Stabilization system (with more than 40,000 successful treatments worldwide)
- Stabilizes the disc, facet joints and ligaments
- Preserves the spinal anatomy
- Designed for individual patient customization

This flat polyester band maximizes the contact surface which improves the bone’s stress pattern.

Universal Clamp
Spinal Fixation Implant

Posterior fixation - Thoracic and Lumbar portion of the spine

Material and Range: titanium alloy 5.5 and 6.0 mm; Stainless steel 5.5, 6.0 and 6.35 mm. It offers sublaminar fixation with immediate stability resulting in reduced stress on the bone/implant interface with gradual 3D correction. The Instrumentation Set is minimal with 2 reduction tools.

Thoracolumbar Outerbody Fusion
The combination of experience and innovation.

This range is a completely integrated and differentiated range of implants which treat most spinal disorders from thoracic to lumbosacral levels. The thoracolumbar outerbody fusion portfolio enables surgeons to address surgical challenges with both traditional and more innovative techniques. Highlights are the complete Optima™ ZS System which offers a unique combination with the Zimmer® DTO Implant; the Sequoia System which demonstrates the latest state of the art technology and the Universal Clamp implant which is one of the most innovative devices addressing spine deformity.
Thoracolumbar Outerbody Fusion

Universal Clamp

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The Instrumentation Set is minimal with 2 reduction tools.

Thanks to its elasticity, the PEEK material ensures continuous mechanical properties throughout the fused levels.

Fidji® Lumbar Cages

- Posterior, anterior, anterolateral and lateral cages
- PEEK-OPTIMA® cages
- Rounded tip and convex shape (0, 4° and 8°)
- Autostatic teeth
- Important bone graft area

Thoracolumbar Interbody and Anterior Fusion
A strong combination of physiology and stability.

With its PEEK and Trabecular Metal Technologies, Zimmer Spine provides surgeons one of the best material options to achieve long term fusion.

The PEEK cages offer an extensive range of implants which combine high performance and anatomical design for better physiological loading.

The Trabecular Metal cages are designed specifically to carry better bone integration thanks to their unique structure.
Trabecular Metal™ TM-S and VBR-S Implants

Cervical interbody and Vertebral Body Replacement

- Trabecular Metal Technology (tantalum)
- Structure comparable to cancellous bone
- 70% to 80% porosity
- Scaffold for bone through growth
- Elastic modulus and flexibility similar to bone
- Initial stability through high coefficient of friction

Cervical Fusion
The Zimmer Spine cervical portfolio offers complete solutions for cervical fusion. These solutions include plates, interbody cages and posterior fixation systems.

Designed for flexibility, they feature unique materials - Trabecular Metal, PEEK-OPTIMA®, titanium Alloy and Pure titanium.

They are designed to help improve surgeon confidence.
Trabecular Metal™

- TM-S and VBR-S Implants
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Cervical Fusion

The Harmony Port System supports a minimally invasive approach which maximizes accessibility and visualization.

PathFinder®

Minimally Invasive Pedicle Screw System

Taking advantage of the Wiltse plane, the Pathfinder technique allows for simple, top-down rod delivery.

Versatile capabilities include reduction, compression, distraction, multi-level constructs and access to posterior elements.
The systems for minimum disruption.

Giving you the functionality of an open surgery with a less invasive approach.

Our complete MIS portfolio is designed to offer you and your patients the benefits of the MIS approach, while accomplishing the goals of open surgery.

**Ardis® Posterior Lumbar Cages**
- Uniquely tapered nose and convex shape allow for easy, atraumatic insertion and maximize endplate contact
- A wide variety of sizes which allow for TLIF or PLIF approaches and ensure a customized fit to patient anatomy

**Harmony™ Retractor System**
- Independent blade retraction and pivoting provides customized access to varying anatomies
- Radiolucent materials enhance intra-operative visibility during fluoroscopy
- Combines with Harmony Posterior Instruments

**Harmony™ Surgical Port**
- Radiolucent ports offer enhanced radiographic imaging
- Mattel internal surface to minimize glare
- Combines with Harmony Posterior Instruments

**Trabecular Metal™ TM-300 Implant (TLIF)**
- Transforaminal Lumbar Interbody
- Trabecular Metal Technology (tantalum)
- Footprint: 32.5mm x 3.5mm / Heights: 7 to 15mm
- Excellent osteointegration providing long-term fusion

**ARAS® Retractor System**
- Greater distal exposure on curved, non-ratcheting rails with appropriate retractor blades and smooth controlled cephalad/caudal expansion
- Minimized tissue interference with curved or straight distal ended side plates in different widths and lengths for medial-lateral exposure.

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**TraXis® TLIF Cages**
- Low-profile inserter permits optimal implant visualization
- Unique articulating rasps and trials facilitate anterior implant placement

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The next generation in synthetic bone graft materials.

Calcium phosphate dibasic constitutes the unique mineral component of CopiOs™ Bone Void Filler. It is ideally suited to promote bone growth and is now available in sponge and paste forms with easy handling characteristics.

The future has arrived.

CopiOs™ Bone Void Filler

Sponge and Paste

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(1) Wallis® is an investigational device limited by the United States law to investigational use.
(2) The product Dynaride® herein described is not available in the USA.
(3) Dynesys® is an investigational device limited by the United States law to investigational use. This device is not available in the USA for the use described in this document.
(4) Silhouette Spinal System® is a trademark of Spinal Innovations, LLC.
(5) The Optima™ ZS System is manufactured by U&I Corporation, Korea. Zimmer is the exclusive, worldwide distributor of Optima™ ZS Spinal System in Europe (except Turkey and South Korea). Zimmer has the exclusive worldwide distribution rights for the Optima™ ZS Transition Screw. OPTIMA is a trademark of U&I Corporation, Korea.
(6) Manufactured by Kensey Nash Corporation

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