

Jazz™ Platform

—
The Choice
of Power



Inventors of Band technology, the IMPLANET design team pioneered the fundamental concepts the market segment is based upon. With more than 12 years of clinical experience and 20,000 JAZZ™ implanted, IMPLANET is committed to constant innovation and platform expansion as evidenced by the introduction of the JAZZ™ Claw, JAZZ™ Frame and JAZZ™ Lock. IMPLANET is dedicated to continuous expansion of this proprietary platform, providing spinal surgeons safer solutions with improved patient outcomes.^{(1) (2)}

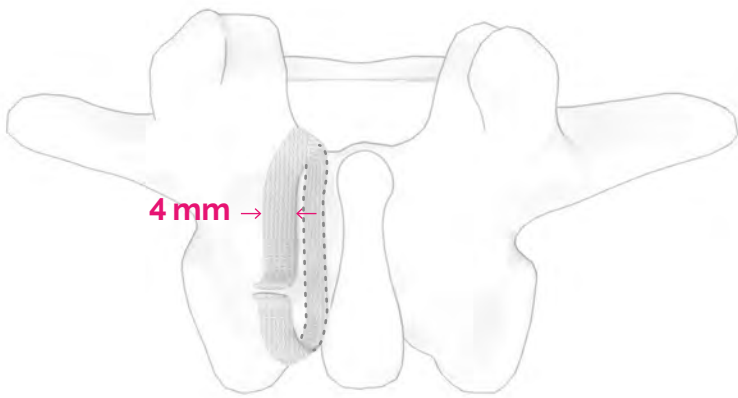
ADAPTABILITY

- Low Profile
- C1 to L5
- For use with all vertebral structures⁽³⁾
- Fixation regardless of bone quality⁽⁴⁾
- Most complete product range on the market
- Compatible with Ti or CoCr rods
- Radiolucent band facilitates intra and post-operative imaging



POWER

- Robust bio-compatible polyester band
- Force distribution over a large surface reduces bone stress
- Progressive and simultaneous maneuvers facilitates restoration⁽⁵⁾ :
 - Reduction
 - Compression/distraction
 - Translation
 - Derotation/detorsion
 - In-situ correction
 - Frame technique



EASE-OF-USE

- Autostable, clips onto rod
- Simple instrumentation
- Full tensioner disassembly for cleaning and sterilization
- 2-in-1 single screw locking
- No contact between the screw and band
- Direct, line-of-sight tensioning



MRI COMPATIBLE

REDUCED X-RAYS⁽⁶⁾

Vertebral level	Scoliosis	Construct protection	Specific protection of screw	Trauma / Tumor (+1 / symptomatic vertebra / -1)
Overlying level at the top				
Top mount (proximal instrumented level)			+ caudal	L2 or L3 + caudal
Mid-construct	concavity + at least 1 at the apex of the convexity		+ caudal	L3 or L4 Fracture / Tumor
Bottom mount (distal instrumented level)	2-3 lowest levels as anchor point		+ caudal	L4 or L5 + caudal
Underlying level at the bottom of the assembly				

This table presents surgical strategies as a guide and does not substitute the expertise of the surgeon, who is responsible for determining the specific surgical strategy most appropriate for the patient.

⁽¹⁾ Sublaminar bands: are they safe? Polirsztok E, Gavaret M, Gsell T, Suprano I, Choufani E, Bollini G, Jouve J-L. Eur Spine J. 2014
⁽²⁾ Do Sublaminar Polyester Bands Affect the Outcomes of Postoperative Infections After Adolescent Idiopathic Scoliosis Surgery? Issa SP, Angelliaume A, Vidal C, Mazda K, Ilharreborde B. J Pediatr Orthop. 2016 Feb 10.
⁽³⁾ Adolescent idiopathic scoliosis correction achieved by posteromedial translation using polyester bands: A comparative study of subtransverse process versus sublaminar fixation. Hirsch C, Ilharreborde B, Fournier J, Mazda K, Bonnard C. Orthop Traumatol Surg Res. 2014 Nov; 100(7):791-5.
⁽⁴⁾ Pedicle screw augmentation with polyethylene tape: a biomechanical study in the osteoporotic thoracolumbar spine. Hamasaki T, Tanaka N, Kim J, Okada M, Ochi M, Hutton WC. J Spinal Disord Tech. 2010 Apr; 23(2):127-32.
⁽⁵⁾ Hybrid constructs for tridimensional correction of the thoracic spine in adolescent idiopathic scoliosis: a comparative analysis of universal clamps versus hooks. Ilharreborde B, Even J, Lefevre Y, Fitoussi F, Presedo A, Penneçot GF, Mazda K. Spine. 2010 Feb 1;35(3):306-14.

⁽⁶⁾ Preliminary Retrospective Cost Effectiveness Study of Implanet's JAZZ™ Spinal Fixation in the Correction of AIS Based on Secondary Research, Health Advances, LLC. March 2015

INNOVATION

- The IMPLANET R&D Team created the most comprehensive band connectors range for spine
- 4 new products launched in 3 years

CORRECTION

- 3D restoration
- Controlled power

PRESERVATION

- Bone
- Soft tissue
- Blood
- + Future surgical options for the patient

DOCUMENTATION

- Clinical efficiency
- Economic advantage

EXPERIENCE

- > 12 years clinical use
- > 20.000 JAZZ™ Band implanted



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