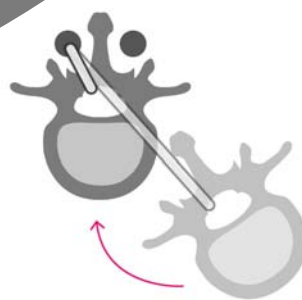


PEDIATRIC SCOLIOSIS



True 3Dimensional Correction⁽⁵⁾

With its simple and powerful tensioner, JAZZ™ Band allows postero-medial translation and derotation, in particular through a spine detorsion effect.

Sagittal Plan Restoration⁽⁷⁾, Avoids the Risk of Flat Back

JAZZ™ Band gives unparalleled possibilities of correction of the spine, regardless of bone quality. ⁽⁴⁾

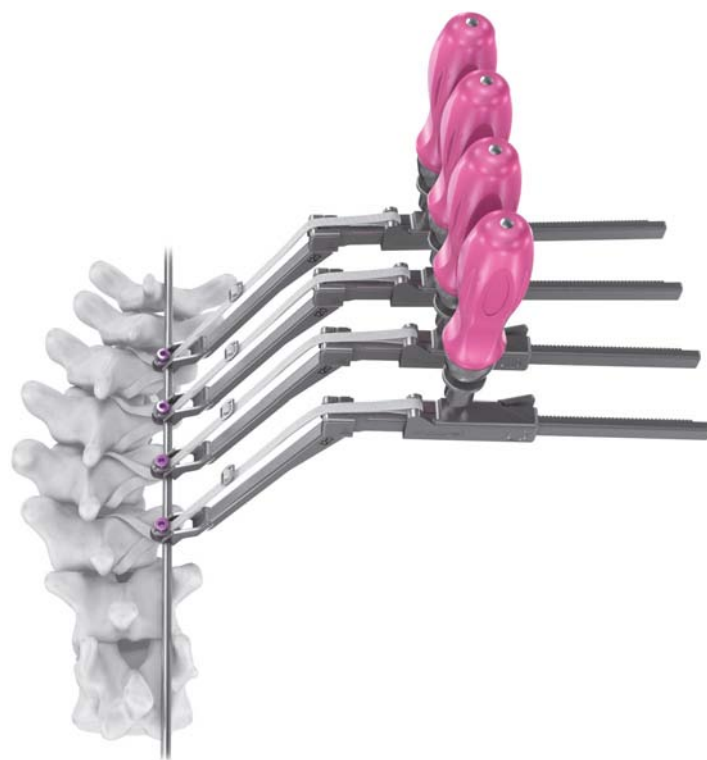
Stress on Bone Reduction

The JAZZ™ Band thickness significantly reduces mechanical stress on bone.

Reduced Surgical Time Improved Outcomes⁽⁶⁾

- Reduces blood loss⁽⁶⁾
- Preserves bone capital
- Reduces comorbidities
- Provides maximum future fixation options

Fewer Implants⁽⁶⁾



AIS Spinal Fusion Technique Comparison⁽⁶⁾

Category	Metric	All-Pedicle-Screw Construct	JAZZ™ System
Implants	Number of pedicle screws	~ 16 - 18	~ 6
	Number of hooks	~ 4	~ 4
	Number of connectors	~ 3	~ 3
	Number of rods	2	2
	Number of JAZZ™	0	~ 7
Blood loss	Number of transfusions	> 30% of patients	0 of 32 patients
Operative time	Skin to skin duration	~ 330 min	~ 200 min
LOS	Length of hospital stay	~ 6-7 days	~ 3-5 days (USA)
Radiation	Intra-operative radiation exposure	~ 3 minutes exposure	< 10 seconds exposure

⁽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

⁽⁷⁾ How Sublaminar Bands Affect Postoperative Sagittal Alignment in AIS Patients with Preoperative Hypokyphosis? Results of a Series of 34 Patients with 2-Year Follow-Up. Pesenti S, Chalopin A, Peltier E, Choufani E, Ollivier M, Fuentes S, Blondel B and Jouve JL. Biomed Res Int. 2016; Article ID:1954712.

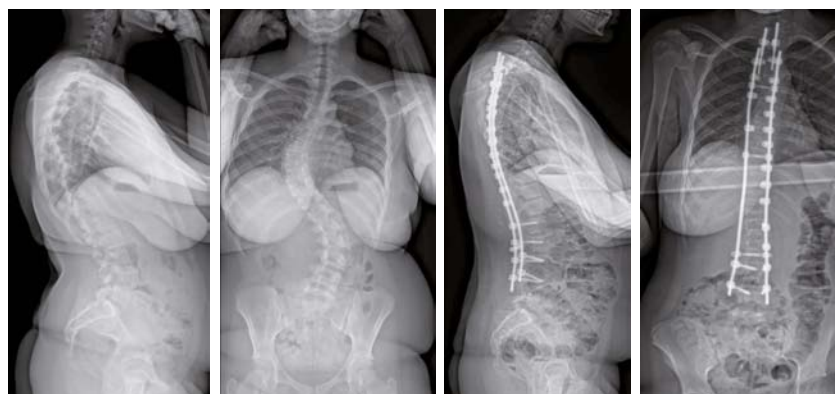
JAZZ™ Claw, the solution at the top

A JAZZ™ technology extension, the JAZZ™ Claw hybrid solution offers two anchor points. Easy to implant, it provides rigid fixation while decreasing stresses on bone.

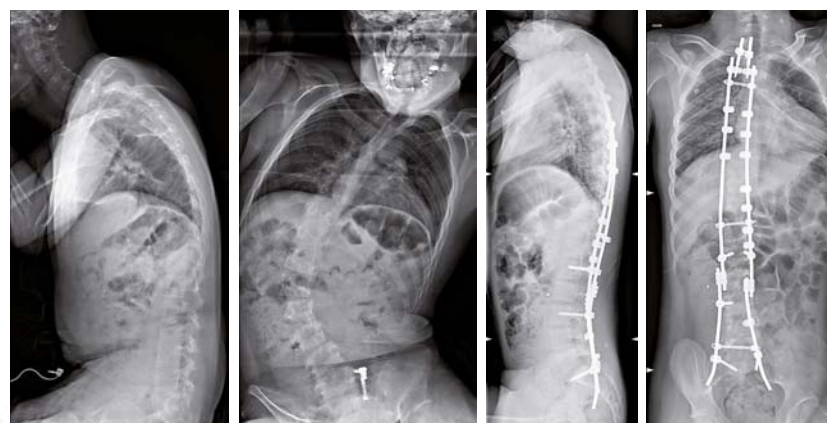


Reduced X-Ray Exposure⁽⁶⁾

By decreasing the number of pedicle screws, the JAZZ™ Band technology reduces the use of intraoperative x-ray exposure to the patient and the healthcare team.



14 year old, adolescent idiopathic scoliosis with double major curve, T2L4 arthrodesis with JAZZ Frame fixation.



19 year old, Angelman syndrome, neurological scoliosis, T2-sacrum arthrodesis with intrasacral fixation and modified Jackson Mazda technique.

Optimizes Post-op Monitoring

With no metal in the pedicle and canal, JAZZ™ Band eliminates problems of opacity and artifact. It allows optimal post-operative follow-up of neurological structures by MRI.

⁽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