

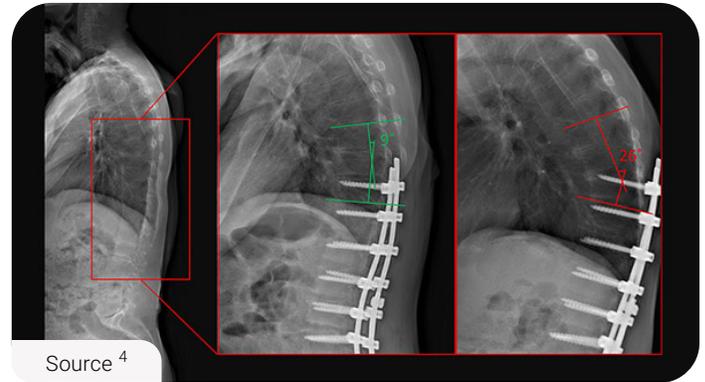
PROXIMAL JUNCTIONAL KYPHOSIS



Customizable, robust protection against Proximal Junctional Kyphosis

Reinforced with our unbeatable surgical **Band technologies**, our devices avoid PJK complications preserving motion while protecting the spine from stress. ^{1,2}

Clinical Context



Indications

The prevalence of PJK complications demands a solution that gives post-operative spinal support while accommodating every patient's unique needs, such as severity of spinal deformity, patient BMI, bone health, or other contributing factors.

- Provides a buffer during transitional stress
- Prevents non-physiological stress on adjacent discs and vertebrae

The goal is to prevent PJK by mitigating risks while preserving motion.

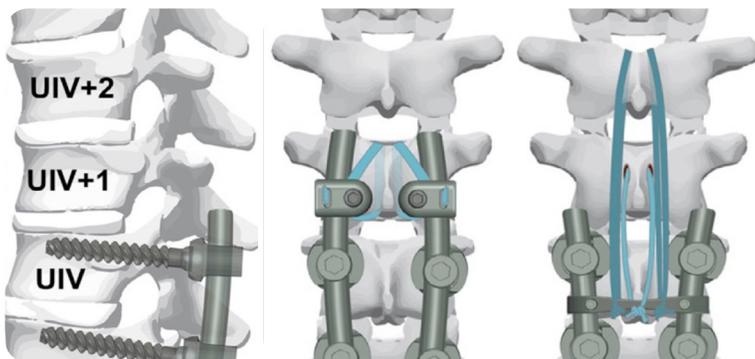
Addressing Unmet Needs

Proximal Junctional Kyphosis is the most common complication following instrumented treatment of adult spinal deformity. Approximately 40% ³ of post-surgical cases result in PJK, often making further surgical interventions necessary and degrading patient quality of life.

Designed for Optimal Protection

Backed by over our 30+ years' experience in surgical textile experience, as main supplier of spinal bands on the market, our customizable tethered device has incredible tensile strength and multiple options for fit and use.

It's an ideal accompaniment to spinal corrective surgery.



Source ⁵

Adapted size, adapted Width
adapted to the patient

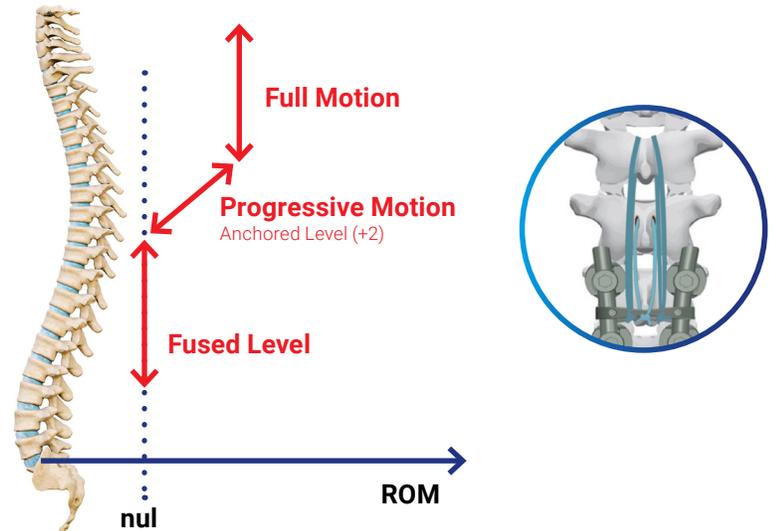
We offer Flat or Round to Flat band
with Some different ready-to-use end tips including needle tip, malleable tip (Inside or Outside) with or without hole and stiffened zone; Compliant to the different surgical techniques (with sublaminar or interspinous options)

Highly adaptable and compatible
with all connector types complementary to the fusion devices

The Need for a Solution

An Invaluable System for Surgical Success.

After corrective surgery, our system featuring exceptional tether band allows patients to resume daily activities and enjoy life fully. By defending the spine from stresses associated with corrective procedures, we reduce the incidence of PJK and the pain and limitations it causes.



A Complete Solution: The value of Cousin's Surgery Band technologies

- Validated processes, quick samples, one stop shop
- Speed to market with already proven technologies

References

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2. Safaee MM, et al. Ligament augmentation for prevention of proximal junctional kyphosis and proximal junctional failure in adult spinal deformity. J. Neurosurg. Spine. 2018;28(5):512-519.
3. Lafage R, Beyer G, Schwab F, Klineberg E, Burton D, Bess S, et al. Risk Factor Analysis for Proximal Junctional Kyphosis After Adult Spinal Deformity Surgery: A New Simple Scoring System to Identify High-Risk Patients. Global Spine J. 2020;10(7):863-870. doi: 10.1177/2192568219882350.
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5. Doodkorte, R. J. P., Vercoulen, T. F. G., Roth, A. K., de Bie, R. A., & Willems, P. C. (2021). Instrumentation techniques to prevent proximal junctional kyphosis and proximal junctional failure in adult spinal deformity correction-a systematic review of biomechanical studies. The Spine Journal, 21(5), 842-854.

Learn more about Cousin Surgery
surgical solutions.

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