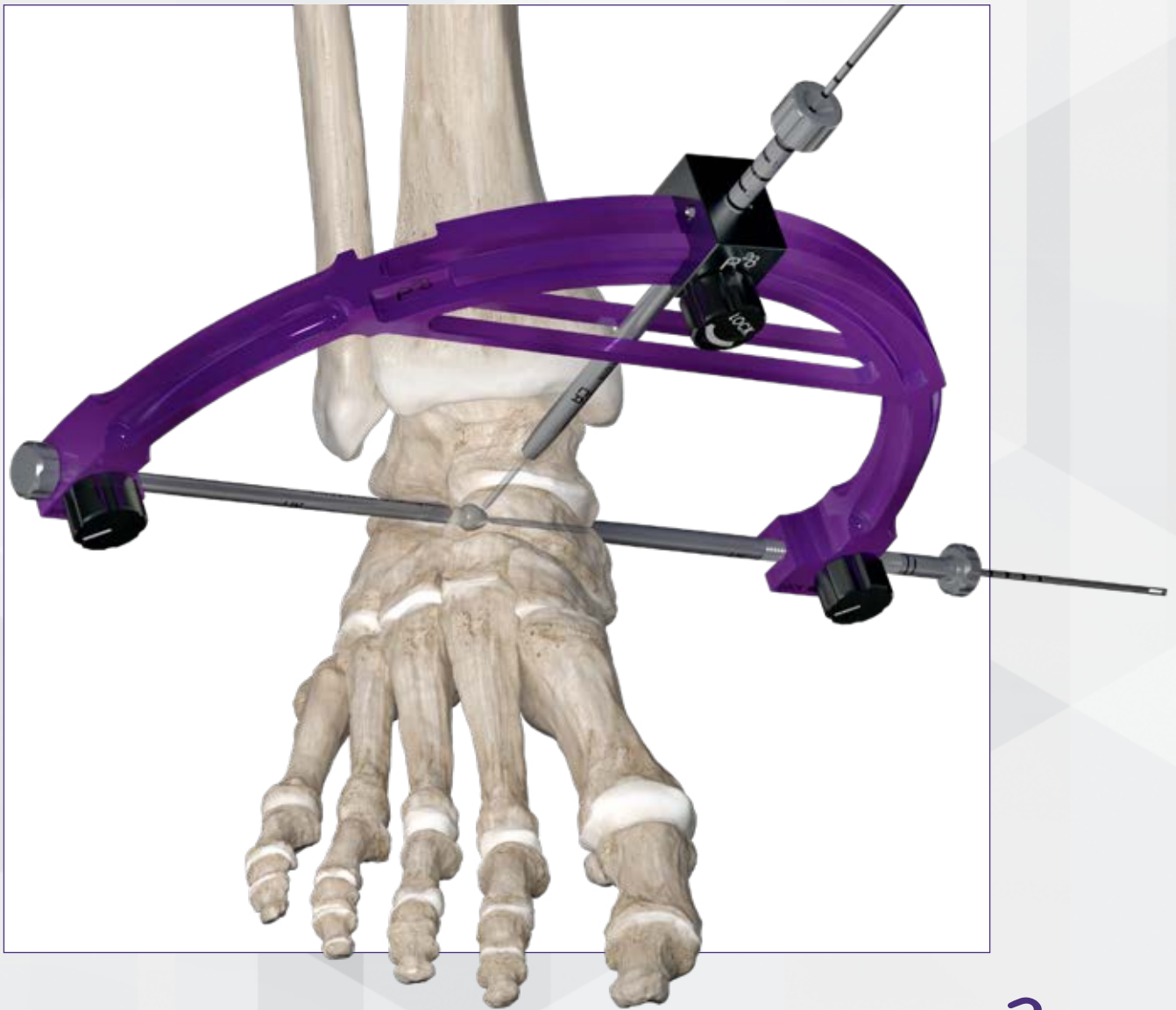


axIOLinkTM

PCFD TETHER SYSTEM



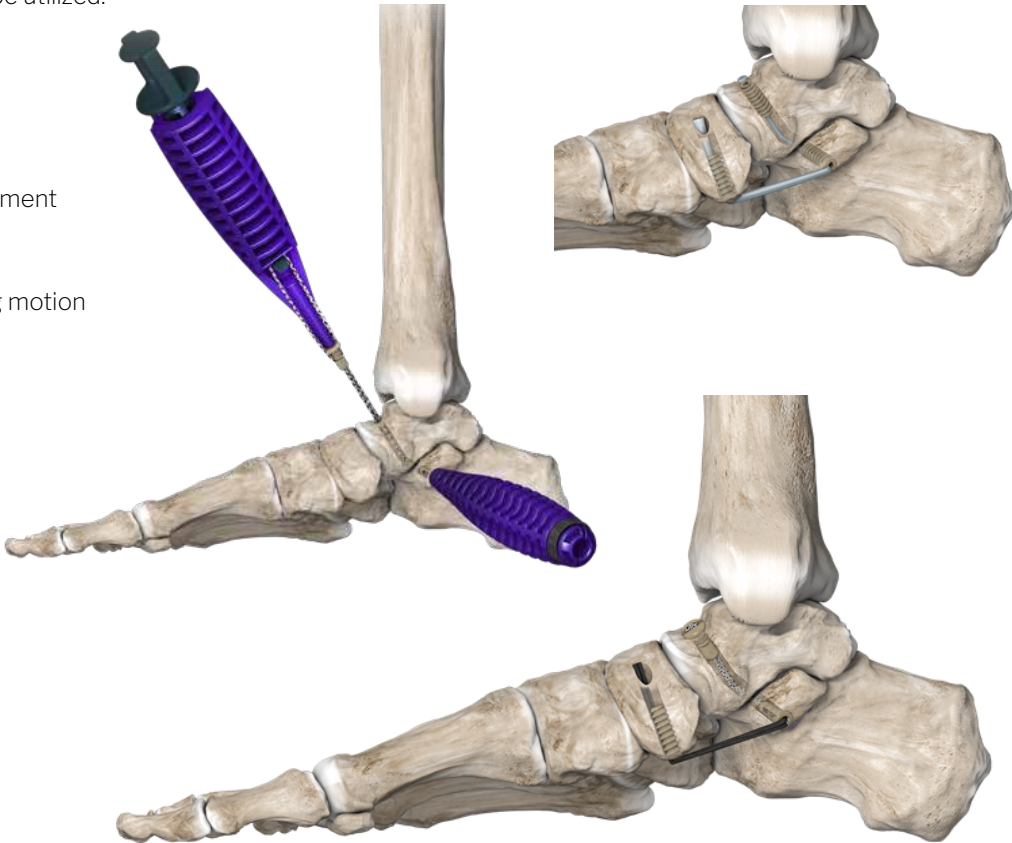
RESTORE THE ROTATIONAL STABILITY OF THE SUBTALAR JOINT

Progressive Collapsing Foot Deformity is more than a deformity of alignment – it is increasingly recognized as a disease of ligament insufficiency. Weightbearing CT research has demonstrated that peritalar subluxation and attenuation of the Interosseous Talocalcaneal Ligament (ITCL) represent the primary pathomechanical drivers of symptomatic PCFD.^{1,2,3,4,5}

The axIOLink™ PCFD Tether System was designed specifically to repair or reconstruct the ITCL, restore subtalar stability, and complement modern flatfoot reconstruction procedures. An allograft or knotless suture-based implant can be utilized.

WHY axIOLink™?

- Addresses the underlying pathology**
 - Restores the Interosseous Talocalcaneal Ligament
- Preserves joint motion**
 - Stabilizes the subtalar joint without sacrificing motion
- Complements established reconstruction**
 - Evans
 - Medial column stabilization
 - Cotton
 - Tendon transfers
 - MDCO
 - Spring ligament repair
- Minimally invasive**
 - Dedicated targeting guide
 - Reproducible tunnel placement
 - Small incision technique



CLINICAL ADVANTAGES

Surgical Concern	axIOLink™ Design Solution
Peritalar subluxation drives symptomatic PCFD	Repairs or reconstructs the ITCL to restore rotational stability
Traditional procedures address secondary deformity	Directly addresses the primary ligamentous pathology
ITCL reconstruction has historically been technically difficult	Dedicated targeting guide improves reproducibility
Large exposures increase morbidity	Minially invasive workflow
Surgeons require compatibility with existing procedures	Integrates with Evans, Cotton, MDCO, tendon transfers and spring ligament repair

SYSTEM COMPONENTS

axIOLink™ PCFD Tether System Instrument Tray

- 1

Targeting Guide Assembly
- 2

Talar Carriage Assembly
- 3

Calcaneal Guide Sleeve
- 4

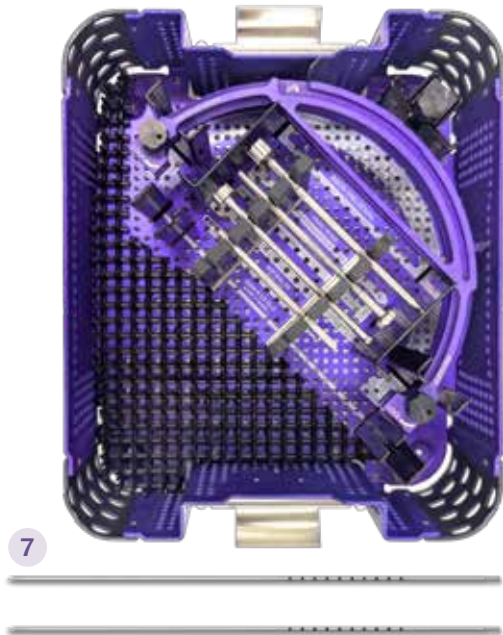
Talar Guide Sleeve
- 5

Sinus Tarsi Dilator
- 6

Suture Retriever
- 7

Ø1.60 x 200 mm Eyelet K-wire

Note: Included in the sterile kit as well



axIOLink™ PCFD Tether Sterile Implant and Instrument Kit

- 8

Ø4.7 mm Cannulated Talar Drill
- 9

Ø3.5 mm Cannulated Calcaneal Drill
- 10

Talar Inserter Handle
- 11

Calcaneal Inserter Handle
- 12

Drill Guide
- 13

Ø1.60 x 200 mm Eyelet K-wire

Loaded with Ø3.5 mm PEEK Anchor Implant

Loaded with Suture Passer and Ø4.5 mm Talar PEEK Anchor Implant



axIOLinkTM

PCFD TETHER SYSTEM

Citations

1. Lintz F, Pozzessere E, Carfi C, Riewruja K, Grün W, Cornelius C, Ellis SJ, de Cesar Netto C. Reconstruction of the interosseous talocalcaneal ligament in progressive collapsing foot deformity: a review of the literature and description of a novel surgical technique. J Foot Ankle Surg. 2025;64(4):843-852. doi:10.1053/j.jfas.2025.06.008.
2. de Cesar Netto C, Barbachan Mansur NS, Talaski G, et al. From Asymptomatic Flatfoot to Progressive Collapsing Foot Deformity: Peritalar Subluxation Is the Main Driver of Symptoms. J Bone Joint Surg Am. 2025;107(18):2060-2068.
3. de Cesar Netto C, Barbachan Mansur NS, Lalevée M, et al. Effect of Peritalar Subluxation Correction for Progressive Collapsing Foot Deformity on Patient-Reported Outcomes. Foot Ankle Int. 2023;44(11):1128-1141.
4. Tochigi Y, Amendola A, Rudert MJ, et al. The Role of the Interosseous Talocalcaneal Ligament in Subtalar Joint Stability. Foot Ankle Int. 2004;25(8):588-596.
5. de Cesar Netto C, Saito GH, Roney A, et al. Combined Weightbearing CT and MRI Assessment of Flexible Progressive Collapsing Foot Deformity. Foot Ankle Surg. 2021;27(8):884-891.

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Paragon 28[®], Inc. 
14445 Grasslands Dr.
Englewood, CO 80112 USA
(855) 786-2828

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www.Paragon28.com