Surgical Summary

Clinical Presentation:
- 66-year-old female with left sided heel pain for over 1 year. Attempted conservative treatment options: boot, physical therapy, and nonsteroidal antiinflammatory drugs (NSAIDs).
- MRI at that time showed Haglund’s with moderate to severe hypertrophic tendinopathy and interstitial tearing.
- Subsequent need for surgical intervention: Achilles tendon debridement and repair with GraftJacket® for augmentation and Haglund’s resection. Discharged to home, non-weightbearing for 4 weeks, followed by physical therapy and weight bearing in a boot.
- Continued to complain of pain and swelling; Failed physical therapy, and further non-operative management (NSAIDS, rest, immobilization).
- Repeat MRI showed severe hypertrophic tendinopathy with 4 cm ill-defined tear with full thickness component filled with inflammatory tissue, no gap.

Intraoperative Findings:
- Previous achilles tendon debridement site was noted. Ruptured achilles tendon (Figure 1 and 2), with significant inflammation; presence of residual Graftjacket®.

Surgeon Perspective:

“DermaPure® brings both biologic and mechanical advantages. Its easy handling, biomechanical properties, and proven increase in pro-angiogenic factors, make it ideal for tendon healing.”
Utilization of a Next Generation Decellularized Dermal Allograft to Augment the Repair of a Re-Ruptured Achilles Tendon

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Board Certified, American Board of Orthopaedic Surgeons

Surgical Procedure:

• Surgical incision through previous lateral approach at the base of the achilles, revision calcaneal exostectomy and decompression.
• Debridement of achilles tendon, removed residual Graftjacket®, extensive resection followed by side to side repair of the achilles tendon.
• DermaPure® decellularized dermal allograft placed circumferentially, with the basement membrane outermost, to augment the side to side repair (Figure 3 and 4).

Post-Operative Note:

• Discharged to home non-weight bearing for 4 weeks, to be followed by physical therapy and weightbearing in a boot.
• Patient is being followed routinely to assess clinical outcomes.

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