

Pericardium Case Study

J. Joseph Anderson DPM FACFAS
Alamogordo Orthopaedics

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A fifty-seven year old woman stepped off the curb and fell in a parking lot to rupture her tendon. She was treated conservatively with no improvement. MRI was obtained with the findings of complete tear of the peroneus longus tendon with retraction of tendon proximally and split tear of the peroneus brevis.



A triad procedure was performed on the right ankle with repair of the peroneal tendons with anastomosis, a pericardium graft was utilized to increase strength of anastomosis of peroneal tendons.



The patient had steady improvement with regular post-operative treatment course. She had re-injury several months after surgery and underwent a revision of the original surgery with a calcaneal osteotomy to correct a varus rearfoot deformity and reduce tension on the peroneal tendons. Two plates with 4 screws were used increase stabilization.



Pericardium graft was again utilized to reinforce the repair of the ligaments and tendons with load sharing, to reduce scar tissue and adhesions.

