

Case Study: NewGel+ for Keloid Scar Following Achilles Tendon Repair Surgery

Patient Submission: Susan Farley, Wilmette, IL

PATIENT: Adult female patient was participating in a TRX exercise class when she ruptured her Achilles tendon.

PROCEDURE: Her orthopedic surgeon performed surgery to repair the ruptured tendon. Post-surgery, patient was left with a 6-inch scar which formed a keloid as it was healing.

SCAR TREATMENT PROTOCOL: At five months post-surgery, the patient expressed unhappiness with the appearance of her scar. Her surgeon recommended the use of NewGel+ silicone gel sheeting to treat the scar.

RESULTS: Fig. 1 shows the sutured incision immediately post-surgery. Fig. 2 shows the scar five months post-surgery, with a thickened keloid visible along the original incision line. Fig. 3 shows improvement in scar redness after only one day of use. Fig. 4 shows final result after four months of treatment using NewGel+.



Fig. 1: November 30, 2010
6 days after surgery



Fig. 2: May 3, 2011
5 months after surgery, no treatment during that time



Fig 3: May 4, 2011
One day after beginning treatment with 1"x6" silicone strips (Newmedical Technology)



Fig 4: September 6, 2011
After 4 months of daily treatment