

Restore What's Yours

Case Report

Fat Pad Augmentation Provides Lasting Pain Relief in Chronic Fat Pad Atrophy Patient



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Case Overview

Patient: 74-year-old female

Condition: Instability and subluxation of the tarsal bones leading to a mechanical deformity, painful fat pad atrophy, and the formation of a recurrent callus on the right midfoot arch

Significant Medical History: Flat foot

Prior Therapies: Custom orthotics

Approach

A sterile scalpel was used to make a stab incision. An 18-gauge blunt needle was then used to deliver **Liposana (4.5 mL)** in the affected area using a fanning technique.

Steri-strips were applied to close the skin, and the patient was bandaged. She continued offloading with custom orthotics.

Clinical Challenge

In this patient, progressive changes in foot mechanics led to increased forefoot pressure, pain, and persistent callus formation over several years

Repetitive pressure and shear forces cause ongoing tissue damage, limiting the effectiveness of conservative treatments

Outcomes

- Patient experienced pain and discomfort for two weeks post-implantation due to the procedure, which then fully subsided
- **Pain-free for over 12 months**
- Implant **remains palpable** at the implantation site for over **12 months** (follow-up ongoing)
- No adverse events reported



Pre-Implant



12 Months Post-Implant