



CASE
STUDY

enovis[™]

STAR[®] ANKLE

TOTAL ANKLE REPLACEMENT



STAGED TREATMENT OF FIXED PLANOVALGUS FOOT DEFORMITY WITH CONCOMITANT VALGUS ANKLE DJD

By David Thordarson, MD – Los Angeles, CA

INITIAL PRESENTATION

A 67-year-old female with a history of mild CP developed a gradually progressive, fixed planovalgus foot deformity over approximately 20 years, which became more painful over the last 2 years. She underwent a triple arthrodesis with the plan for a STAR[®] ankle replacement after it healed.



Pre-operative radiographs

INTRAOPERATIVE

Despite neutral alignment of the triple arthrodesis, the patient's heel was still in 15° of valgus due to the ankle valgus DJD. Intraoperatively, a partial hardware removal of 3 screws was necessary to allow for prosthetic implantation. The heel position fully corrected after placement of the ankle replacement in proper alignment.

TRIPLE ARTHRODESIS RESULTS

The patient is now one year out from her triple arthrodesis with approximately 12° of remaining heel valgus. Tenderness is localized to the ankle joint. The patient has failed bracing and a steroid injection.



Triple arthrodesis 1-year post-operative radiographs

STAR® ANKLE REPLACEMENT RESULTS

Six months out from the STAR ankle replacement, the heel alignment is neutral. The patient can now walk barefoot on the beach with essentially no pain.



STAR® ankle replacement 6-month post-operative radiographs

enovis

T 800.495.2919 F 877.778.3864

Trilliant Surgical, LLC
727 North Shepherd Drive, Suite 100 | Houston, TX 77007 | U.S.A.
enovis.com/foot-and-ankle

Copyright © 2023 Enovis Foot & Ankle
MK-10436 Rev 0

Individual results may vary. Neither Encore Medical, LP nor any of the Enovis companies dispense medical advice. The contents of this document do not constitute medical, legal, or any other type of professional advice. Rather, please consult your healthcare professional for information on the courses of treatment, if any, which may be appropriate for you.