

Fusion With Talar Cage (Ankle Truss System) Arthrocube™ and Arthrosphere®

What Is This Procedure?

The Ankle Truss System (ATS) is an innovative solution for patients with failed ankle replacements or severe limb conditions where amputation (BKA) might otherwise be the only option. It provides a reliable fusion strategy to preserve the limb and restore stability.

What Sets ATS Apart?

- ✓ **FDA-cleared & first-of-its-kind fusion system** designed for foot and ankle.
- ✓ **Standardized implant sizes**—no need to wait weeks for custom devices.
- ✓ **Powered by Truss Implant Technology™** designed to promote bone growth, distribute load efficiently, and minimize subsidence.
- ✓ **Based on real patient anatomy** (Prophecy® & SOMA® databases).



Arthrosphere® and Arthrocube™—Source: Stryker®

Benefits for Patients

- ✓ Limb preservation in cases where amputation might be the only alternative.
- ✓ Faster access to surgery and treatment.
- ✓ Specifically designed for foot and ankle.



Before AP view



Before lateral view



After AP view



After lateral view

Recovery Timeline



Weeks 0–8

Immobilization in a splint/cast. No motion or weight-bearing until incision healing.



Weeks 8–12

Transition to protected weight-bearing in a CAM boot. Gentle physical therapy may begin for mobility and strength.



Months 3–6

Gradual increase to full weight-bearing. Continued therapy focuses on gait training, balance, and compensatory strength.



Months 6–12

Transition to normal shoe gear with bracing as needed. Ongoing strengthening and functional training.



Full recovery may take 1 year or longer.



Risks and Questions

It's important to understand:

All surgeries carry risks. We will review your specific risks and your personalized plan during the consent process. Please ask any questions—our goal is for you to feel fully informed and confident about your recovery.