Total Ankle Replacement

With the Stryker® Infinity® System

What Is a Total Ankle Replacement?

In ankle replacement surgery, the damaged surfaces of the ankle joint are removed and replaced with a prosthesis (implant) made of metal and plastic. This is designed to reduce pain while preserving ankle motion, unlike ankle fusion which eliminates joint movement.













After lateral view

Why the Infinity® System?

- Used in over 48,000 patients worldwide with excellent outcomes.
- 98.8% implant survivorship at 2 years in the largest prospective study to date.
- Low-profile design for better fit and imaging.
- 3D-printed Adaptis® technology **promotes bone** in-growth as early as 4 weeks.
- Durable Everlast® insert provides long-lasting wear resistance.







Infinity® Total Ankle System - Source: Stryker®

Recovery Timeline



Weeks 0-2

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



Begin gentle passive and active range of motion exercises. Still non-weight-bearing.



Weeks 4-8/10

Transition to weight-bearing in a CAM boot. Formal physical therapy begins.



Weeks 8-10+

Progression to normal shoe gear with a lace-up ankle brace as stability improves.



Months 3-12

Gradual return to activity, strengthening, and mobility.



Full recovery typically takes up to 1 year.

Benefits for Patients

- Preserves ankle motion for a more natural walking pattern.
- Reduces pain and stiffness.
- Improves daily function and quality of life.

Questions

If you have questions about ankle replacement or whether it's right for you, please ask. Our goal is for you to feel informed, comfortable, and confident about your treatment.