



Kinos Axiom[®]
Total Ankle Replacement

**RESTORE
NATURAL
MOTION
AND KEEP
MOVING
FORWARD**

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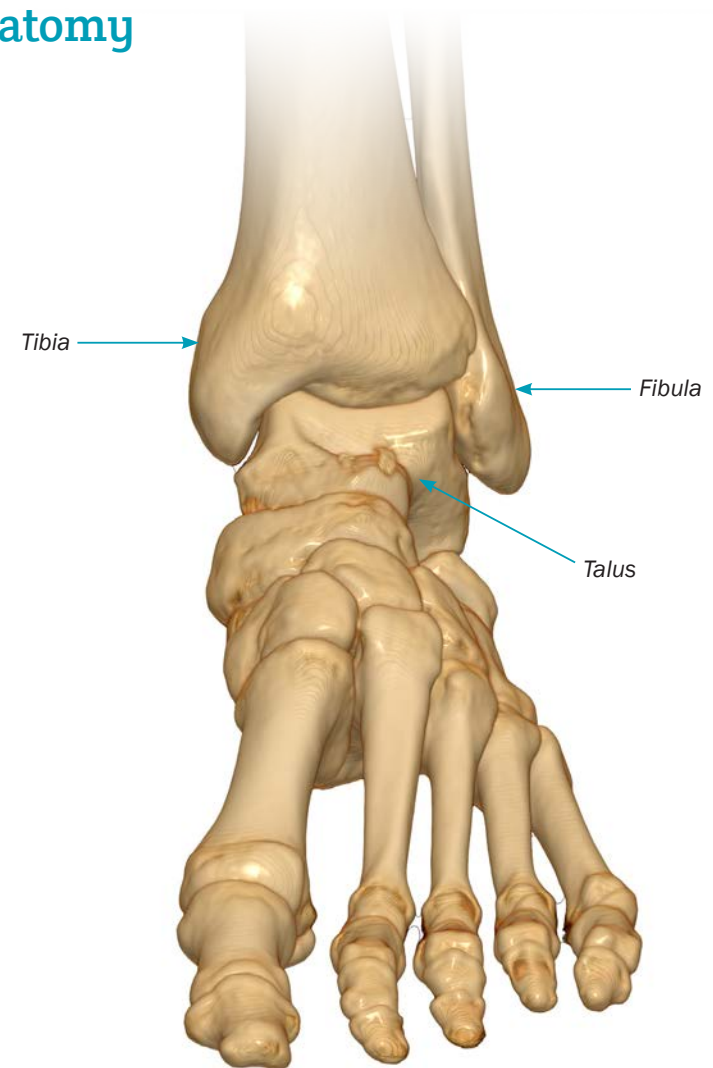
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Ankle Basics

There are three bones that make up the ankle joint: the fibula, tibia, and talus. The tibia and fibula are lower leg bones, with the tibia on the inside of the leg and the fibula on the outside. The tibia and fibula rotate around the top of the dome of the talus. Arthritis usually occurs when the cartilage between the tibia and talus wears down, causing pain.

Anatomy



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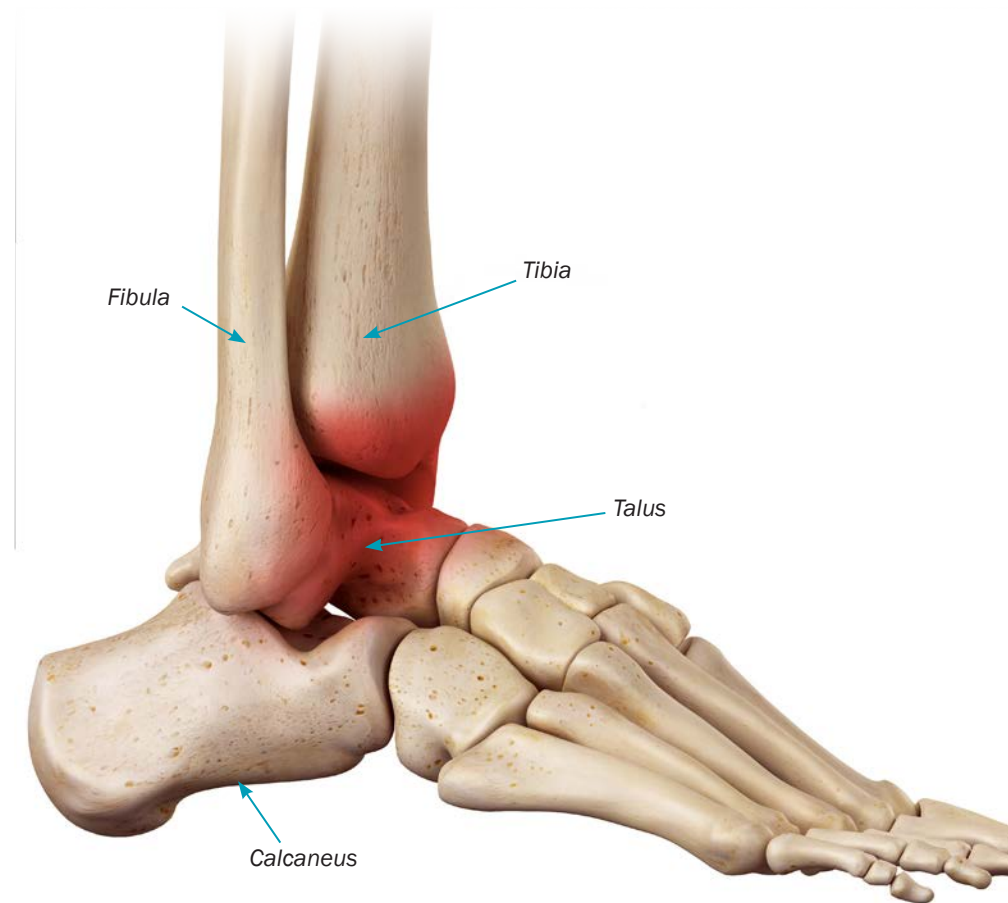


Causes of Ankle Arthritis

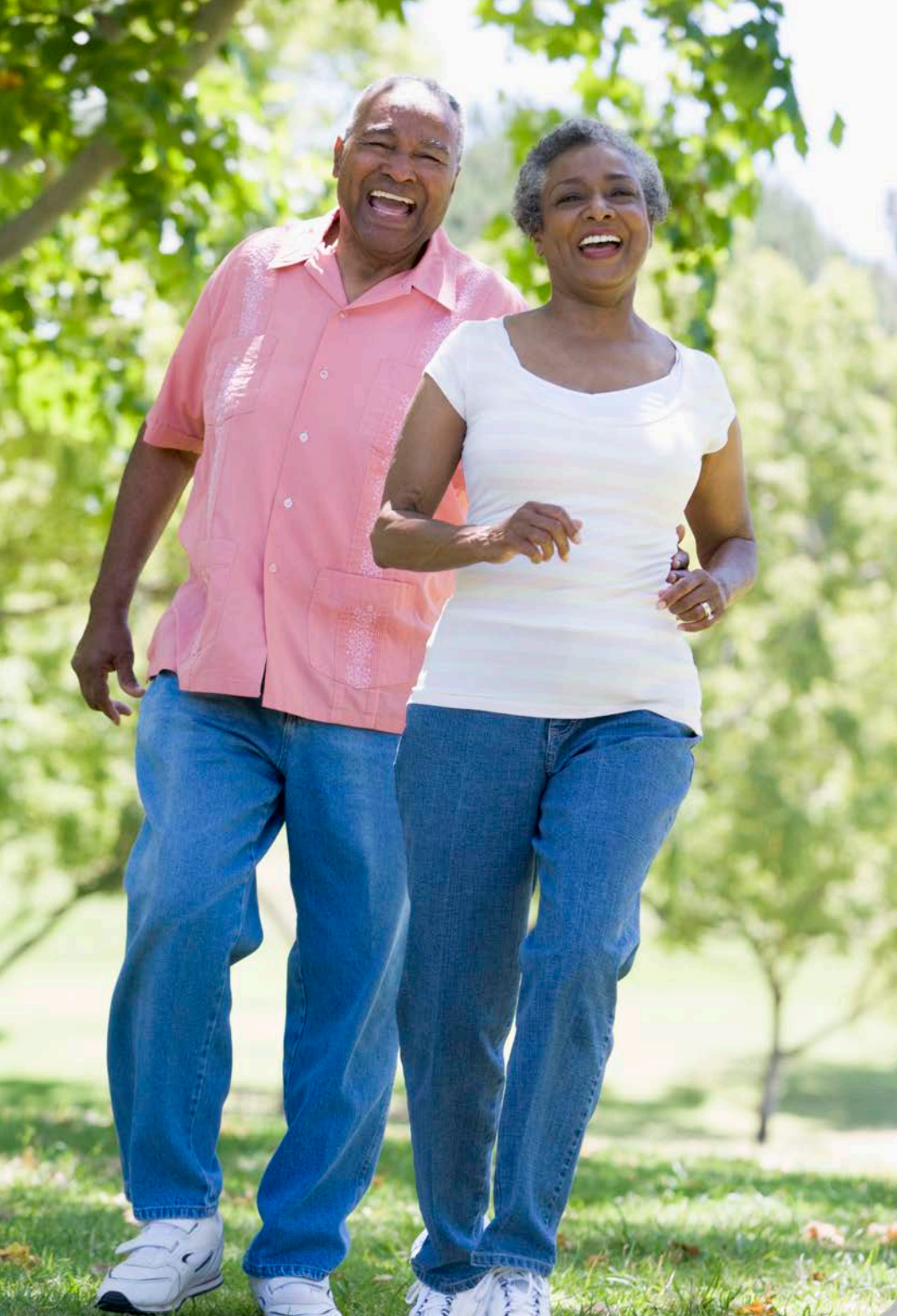
When cartilage wears down between the bones of the ankle, painful arthritis can occur. This is most commonly caused by an old bone or soft tissue injury (post-traumatic), but other types of arthritis (degenerative or rheumatoid) can also occur with no prior injury.

Symptoms of Ankle Arthritis

- ▶ Pain that increases while walking or during day-to-day activity
- ▶ Tenderness and swelling at the joint that increases over time
- ▶ Less movement as disease progresses



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What Makes the Kinos Axiom® Total Ankle System Different from Other Ankle Replacement Systems?

The alternative option to getting an ankle replacement is to have it fused. Fusion locks the tibia and talus together with screws or other devices, which prevents movement. Ankle replacements were developed as a solution to help preserve motion in the ankle.

The Kinos Axiom® Total Ankle is designed to mimic a natural, healthy ankle.

Other ankle replacement systems only address the up and down movement of an ankle. **The Kinos Axiom® Total Ankle addresses the up and down movement, but also the right and left movement, and the inward and outward tilt movement.**



Ask your doctor today if you're a good candidate for total ankle replacement.

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1. Arndt, A., Wolf, P., Liu, A., Nester, C., Stacoff, A., Jones, R., Lundgren, P., & Lundberg, A. (2007). Intrinsic foot kinematics measured in vivo during the stance phase of slow running. *Journal of Biomechanics*, 40(12), 2672–2678
2. Koo, S., Lee, K. M., & Cha, Y. J. (2015). Plantar-flexion of the ankle joint complex in terminal stance is initiated by subtalar plantar-flexion: A bi-planar fluoroscopy study. *Gait and Posture*, 42(4), 424–429.
3. Per manufacturer's documentation.
4. Data on File.

Every patient is different, and individual results will vary. There are risks and recovery times associated with surgery. Consult your doctor to determine if ankle replacement surgery is right for you.

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician.

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