

Comparing Treatments for End-stage Ankle Arthritis

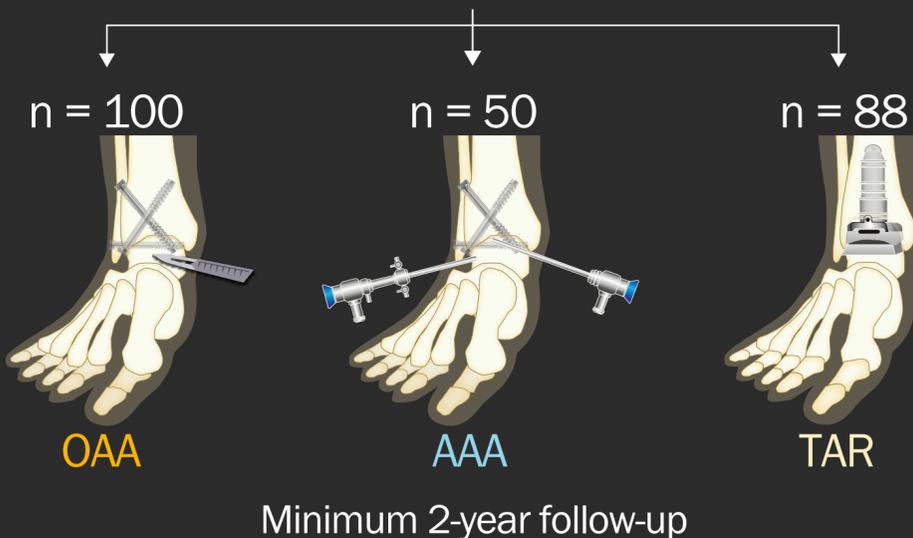


Several treatment options are available for end-stage ankle arthritis

Open ankle arthrodesis (OAA)	Most common
Arthroscopic ankle arthrodesis (AAA)	Gaining popularity
Total ankle replacement (TAR) with HINTEGRA prosthesis	Gaining popularity

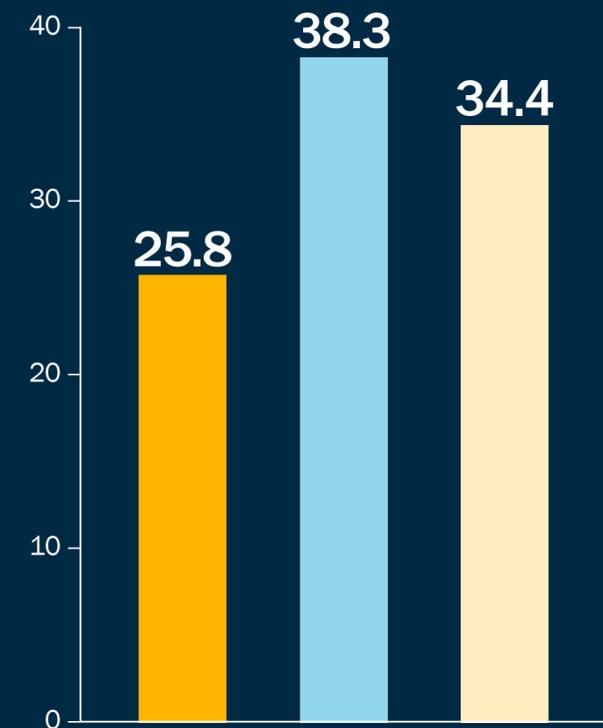
How do these compare?

238 ankles in 229 patients with non-deformed end-stage ankle arthritis

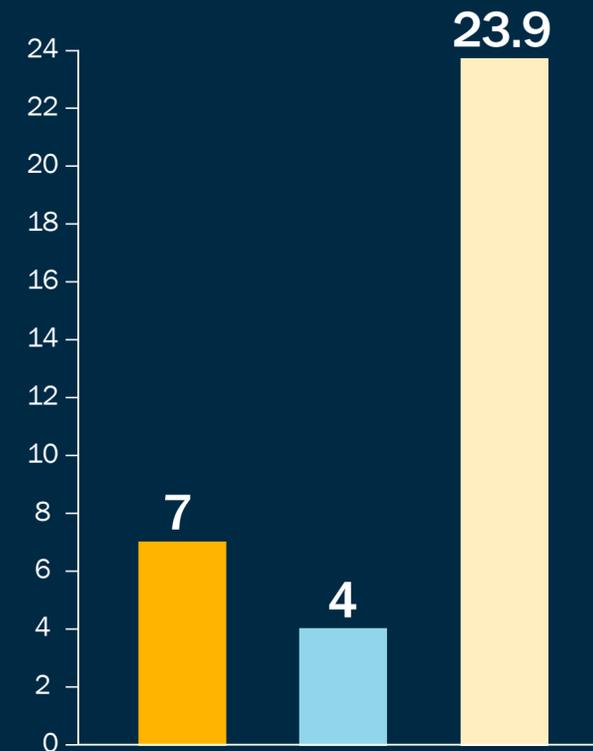


Outcomes assessed

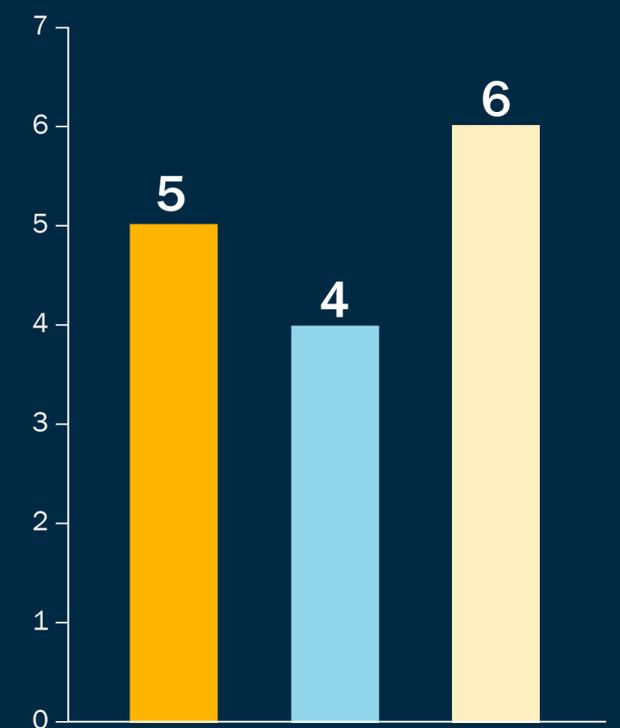
Ankle Osteoarthritis Scale*



Major reoperation rate (%)



Major revision rate (%)



*did not meet the minimal clinically important difference for the AOS



OAA, AAA, and TAR involving the HINTEGRA prosthesis have similar outcomes, but patients should be counseled regarding higher reoperation rates for TAR

Outcomes of Total Ankle Replacement, Arthroscopic Ankle Arthrodesis, and Open Ankle Arthrodesis for Isolated Non-Deformed End-Stage Ankle Arthritis

Veljkovic et al. (2019) DOI: 10.2106/JBJS.18.01012

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