



Total Ankle Replacement

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Definition

Total ankle replacement (aka total ankle arthroplasty [TAA]) consists of replacing a diseased ankle joint with a prosthetic plastic and metal joint. The procedure has been proposed as an alternative to ankle arthrodesis (fusion) for conditions such as severe osteoarthritis (OA), post-traumatic arthritis and rheumatoid arthritis.

Guideline

Members with a severely degenerative ankle or severe inflammatory arthritis (e.g., OA, post-traumatic or rheumatoid), who are skeletally mature with sufficient bone stock, are eligible for TAA with an FDA-approved device when the following criteria are met:

- Loss of ankle mobility and function
- Moderate to severe pain unrelieved by ≥ 6 months of conservative therapy (e.g., anti-inflammatory medications, orthotics, activity modification, physical therapy)

AND ANY OF THE FOLLOWING

- Arthritis in adjacent joints of the involved extremity (i.e., subtalar, midfoot)
- Severe arthritis of the contralateral ankle
- Previous arthrodesis of the contralateral ankle

Limitations/Exclusions

TAA is not considered medically necessary when any of the following are applicable:

- Active infection in the joint or adjacent bones
- Insufficient bone stock/osteonecrosis
- Loss of musculature in the affected limb/insufficient ligament support that is not repairable
- Lower extremity vascular insufficiency
- Neurologic impairment affecting muscle function about the ankle/peripheral neuropathy
- Severe ankle deformity
- Malalignment/severe deformity of involved or adjacent anatomic structures (e.g. hindfoot, forefoot, knee)

Applicable Procedure Codes

27702	Arthroplasty, ankle; with implant (total ankle)
27703	Arthroplasty, ankle; revision, total ankle

Applicable ICD-10 Diagnosis Codes

M05.071	Felty's syndrome, right ankle and foot
M05.072	Felty's syndrome, left ankle and foot
M05.079	Felty's syndrome, unspecified ankle and foot
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems

M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot
M06.1	Adult-onset Still's disease
M06.271	Rheumatoid bursitis, right ankle and foot
M06.272	Rheumatoid bursitis, left ankle and foot
M06.279	Rheumatoid bursitis, unspecified ankle and foot
M06.371	Rheumatoid nodule, right ankle and foot
M06.372	Rheumatoid nodule, left ankle and foot
M06.379	Rheumatoid nodule, unspecified ankle and foot
M06.871	Other specified rheumatoid arthritis, right ankle and foot
M06.872	Other specified rheumatoid arthritis, left ankle and foot
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot
M07.671	Enteropathic arthropathies, right ankle and foot
M07.672	Enteropathic arthropathies, left ankle and foot
M07.679	Enteropathic arthropathies, unspecified ankle and foot
M08.071	Unspecified juvenile rheumatoid arthritis, right ankle and foot
M08.072	Unspecified juvenile rheumatoid arthritis, left ankle and foot
M08.079	Unspecified juvenile rheumatoid arthritis, unspecified ankle and foot
M08.271	Juvenile rheumatoid arthritis with systemic onset, right ankle and foot
M08.272	Juvenile rheumatoid arthritis with systemic onset, left ankle and foot
M08.279	Juvenile rheumatoid arthritis with systemic onset, unspecified ankle and foot
M08.471	Pauciarticular juvenile rheumatoid arthritis, right ankle and foot

M08.472	Pauciarticular juvenile rheumatoid arthritis, left ankle and foot
M08.479	Pauciarticular juvenile rheumatoid arthritis, unspecified ankle and foot
M08.871	Other juvenile arthritis, right ankle and foot
M08.872	Other juvenile arthritis, left ankle and foot
M08.879	Other juvenile arthritis, unspecified ankle and foot
M08.971	Juvenile arthritis, unspecified, right ankle and foot
M08.972	Juvenile arthritis, unspecified, left ankle and foot
M08.979	Juvenile arthritis, unspecified, unspecified ankle and foot
M12.071	Chronic postrheumatic arthropathy [Jaccoud], right ankle and foot
M12.072	Chronic postrheumatic arthropathy [Jaccoud], left ankle and foot
M12.079	Chronic postrheumatic arthropathy [Jaccoud], unspecified ankle and foot
M12.571	Traumatic arthropathy, right ankle and foot
M12.572	Traumatic arthropathy, left ankle and foot
M12.579	Traumatic arthropathy, unspecified ankle and foot
M12.871	Other specific arthropathies, not elsewhere classified, right ankle and foot
M12.872	Other specific arthropathies, not elsewhere classified, left ankle and foot
M12.879	Other specific arthropathies, not elsewhere classified, unspecified ankle and foot
M13.171	Monoarthritis, not elsewhere classified, right ankle and foot
M13.172	Monoarthritis, not elsewhere classified, left ankle and foot
M13.179	Monoarthritis, not elsewhere classified, unspecified ankle and foot
M19.071	Primary osteoarthritis, right ankle and foot
M19.072	Primary osteoarthritis, left ankle and foot
M19.079	Primary osteoarthritis, unspecified ankle and foot
M19.171	Post-traumatic osteoarthritis, right ankle and foot
M19.172	Post-traumatic osteoarthritis, left ankle and foot
M19.179	Post-traumatic osteoarthritis, unspecified ankle and foot
M19.271	Secondary osteoarthritis, right ankle and foot
M19.272	Secondary osteoarthritis, left ankle and foot
M19.279	Secondary osteoarthritis, unspecified ankle and foot
M19.90	Unspecified osteoarthritis, unspecified site
M96.0	Pseudarthrosis after fusion or arthrodesis

Z96.661	Presence of right artificial ankle joint
Z96.662	Presence of left artificial ankle joint
Z96.669	Presence of unspecified artificial ankle joint

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