

Total Ankle Replacement

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Effective Date	1/2011
Next Review Date	6/15/2024
Coverage Policy	Surgical 96
Version	4

Member-specific benefits take precedence over medical policy and benefits may vary across plans. Refer to the individual's benefit plan for details*.

Purpose:

This policy addresses the medical necessity for Total Ankle Replacements.

Description & Definitions:

Total Ankle Replacement is a surgical repair removal of the ankle joint and bones and replacement with a Federal Drug Administration (FDA) approved prosthetic device. The implanted device replaces the damaged articulating surfaces of the shin (tibia) and ankle (talus) bones.

Criteria:

Total ankle replacement or revisions are considered medical necessary with **1 or more** of the following:

- **Replacement with ALL of the following:**
 - Individual is 18 years old or greater and thus is considered skeletally mature
 - Individual has ankle pain that significantly limits daily activity
 - Device to be implanted is approved by the Federal Drug Administration (FDA)
 - Individual has tried and failed at least 6 months of conservative treatment (e.g. Anti-inflammatory medication, physical therapy, splints, orthotic devices, etc.)
 - Individual must have sufficient lower extremity vascular perfusion
 - Individual has **1 or more of the following** conditions:
 - Arthritis in adjacent joints (subtalar or midfoot)
 - Arthrodesis of the contralateral ankle (other ankle)
 - Inflammatory arthritis (rheumatoid)
 - Severe arthritis of the contralateral ankle (other ankle)
- **Revision** of an already implanted device is considered medically necessary with **All of the following:**
 - The already implanted device has failed

- Individual is 18 years old or greater and thus is considered skeletally mature
- Individual has ankle pain that significantly limits daily activity
- Device to be implanted is approved by the Federal Drug Administration (FDA)
- Individual has tried and failed at least 6 months of conservative treatment (e.g. Anti-inflammatory medication, physical therapy, splints, orthotic devices, etc.)
- Individual must have sufficient lower extremity vascular perfusion
- Individual has **1 or more of the following** conditions:
 - Arthritis in adjacent joints (subtalar or midfoot)
 - Arthrodesis of the contralateral ankle (other ankle)
 - Inflammatory arthritis (rheumatoid)
 - Severe arthritis of the contralateral ankle (other ankle)

Total ankle replacements are considered **not medically necessary** for any use other than those indicated in clinical criteria.

Coding:

Medically necessary with criteria:

Coding	Description
27702	Arthroplasty, ankle; with implant (total ankle)
27703	Arthroplasty, ankle; revision, total ankle
27704	Removal of ankle implant

Considered Not Medically Necessary:

Coding	Description
	None

U.S. Food and Drug Administration (FDA) - approved only products only.

Document History:

Revised Dates:

- 2022: June
- 2020: January
- 2015: April
- 2014: April
- 2013: April
- 2011: October

Reviewed Dates:

- 2023: June
- 2021: September
- 2020: September
- 2019: September
- 2018: March

- 2017: January
- 2012: April
- 2010: December

Effective Date:

- January 2011

References:

Specialty Association Guidelines; Government Regulations; Winifred S. Hayes, Inc; UpToDate; Literature Review; Specialty Advisors; National Coverage Determination (NCD); Local Coverage Determination (LCD).

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Special Notes: *

This medical policy expresses Sentara Health Plan's determination of medical necessity of services, and they are based upon a review of currently available clinical information. Medical policies are not a substitute for clinical judgment or for any prior authorization requirements of the health plan. These policies are not an explanation of benefits.

Medical policies can be highly technical and complex and are provided here for informational purposes. These medical policies are intended for use by health care professionals. The medical policies do not constitute medical advice or medical care. Treating health care professionals are solely responsible for diagnosis, treatment and medical advice. Sentara Health Plan members should discuss the information in the medical policies with their treating health care professionals. Medical technology is constantly evolving and these medical policies are subject to change without notice, although Sentara Health Plan will notify providers as required in advance of changes that could have a negative impact on benefits.

Keywords:

SHP Total Ankle Replacement, SHP Surgical 96, arthroplasty, Arthritis, Arthrodesis, Inflammatory arthritis, rheumatoid arthritis, Hintermann Series H2 Total Ankle System, Invision Total Ankle Revision System, Salto Xt, Vantage Total Ankle System, Integra Total Ankle Replacement System, Infinity Total Ankle System, Inbone Total Ankle, Salto Talaris Total Ankle Prosthesis, Agility LP Total Ankle Replacement System, Eclipse Total Ankle Implant, Topez Total Ankle Replacement