

American Board of Foot and Ankle Surgery



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FOOT & ANKLE SURGERY

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Logging Guidelines Revisions

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Appendix B: Surgical Procedure Categories and Code Numbers

1. **Digital Surgery** (lesser toe or hallux)
 - 1.1 partial ostectomy/exostectomy
 - 1.2 phalangectomy
 - 1.3 arthroplasty (interphalangeal joint [IPJ])
 - 1.4 implant (IPJ) (silastic implant or spacer)
 - 1.5 diaphysectomy
 - 1.6 phalangeal osteotomy
 - 1.7 fusion (IPJ)
 - 1.8 amputation
 - 1.9 management of osseous tumor/neoplasm
 - 1.10 management of bone/joint infection
 - 1.11 open management of digital fracture/dislocation
 - 1.12 revision/repair of surgical outcome
 - 1.13 other osseous digital procedure not listed above



Appendix B: Surgical Procedure Categories and Code Numbers

2. First Ray Surgery

Hallux Valgus Surgery

2.1.1 bunionectomy (partial ostectomy/Silver procedure), with or without capsulotendon balancing procedure

2.1.2 (procedure code number no longer used)

2.1.3 bunionectomy with phalangeal osteotomy

2.1.4 bunionectomy with distal first metatarsal osteotomy

2.1.5 bunionectomy with first metatarsal base or shaft osteotomy

2.1.6 bunionectomy with first metatarsocuneiform fusion

2.1.7 metatarsophalangeal joint (MPJ) fusion

2.1.8 MPJ implant

2.1.9 MPJ arthroplasty

2.1.10 bunionectomy double correction with osteotomy and/or arthrodesis



Appendix B: Surgical Procedure Categories and Code Numbers

- Hallux Limitus Surgery

- 2.2.1 cheilectomy
- 2.2.2 joint salvage with phalangeal osteotomy (Kessel-Bonney, enclavement)
- 2.2.3 joint salvage with distal metatarsal osteotomy
- 2.2.4 joint salvage with first metatarsal shaft or base osteotomy
- 2.2.5 joint salvage with first metatarsocuneiform fusion
- 2.2.6 MPJ fusion
- 2.2.7 MPJ implant
- 2.2.8 MPJ arthroplasty

- Other First Ray Surgery

- 2.3.1 tendon transfer/lengthening/~~capsulotendon balancing~~ procedure
- 2.3.2 osteotomy (e.g., dorsiflexory)
- 2.3.3 metatarsocuneiform fusion (other than for hallux valgus or hallux limitus)
- 2.3.4 amputation
- 2.3.5 management of osseous tumor/neoplasm (with or without bone graft)
- 2.3.6 management of bone/joint infection (with or without bone graft)
- 2.3.7 open management of fracture or MPJ dislocation
- 2.3.8 corticotomy/callus distraction
- 2.3.9 revision/repair of surgical outcome (e.g., non-union, hallux varus)
- 2.3.10 other first ray procedure not listed above



Appendix B: Surgical Procedure Categories and Code Numbers

- **Other Soft Tissue Foot Surgery**

- 3.1 excision of ossicle/sesamoid
- 3.2 excision of neuroma
- 3.3 removal of deep foreign body (excluding hardware removal)
- 3.4 plantar fasciotomy
- 3.5 lesser MPJ capsulotendon balancing
- 3.6 tendon repair, lengthening, or transfer involving the forefoot (including digital flexor digitorum longus transfer)
- 3.7 open management of dislocation (MPJ/tarsometatarsal)
- 3.8 incision and drainage/wide debridement of soft tissue infection (includes foot, ankle or leg)
- 3.9 plantar fasciectomy/ plantar fibroma resection
- 3.10 excision of soft tissue tumor/mass (without reconstructive surgery: includes foot, ankle or leg)
- 3.11 (procedure code number no longer used)
- 3.12 plastic surgery techniques (including skin graft, skin plasty, flaps, syndactylization, desyndactylization, and debulking procedures limited to the forefoot)
- 3.13 microscopic nerve/vascular repair (forefoot only)
- 3.14 other soft tissue procedures not listed above (limited to the foot)
- 3.15 (procedure code number no longer used)
- 3.16 external neurolysis/decompression (including tarsal tunnel)
- 3.17 decompression of compartment syndrome (includes foot or leg)



Appendix B: Surgical Procedure Categories and Code Numbers

4. Other Osseous Foot Surgery

- 4.1 partial ostectomy (includes foot, ankle or leg)
- 4.2 lesser MPJ arthroplasty
- 4.3 bunionectomy of the fifth metatarsal without osteotomy
- 4.4 metatarsal head resection (single or multiple)
- 4.5 lesser MPJ implant
- 4.6 central metatarsal osteotomy
- 4.7 bunionectomy of the fifth metatarsal with osteotomy
- 4.8 open management of lesser metatarsal fracture(s)
- 4.9 harvesting of bone graft (includes foot, ankle or leg)
- 4.10 amputation (lesser ray, transmetatarsal amputation)
- 4.11 management of bone/joint infection distal to the tarsometatarsal joints (with or without bone graft)
- 4.12 management of bone tumor/neoplasm distal to the tarsometatarsal joints (with or without bone graft)
- 4.13 open management of tarsometatarsal fracture/dislocation
- 4.14 multiple osteotomy management of metatarsus adductus
- 4.15 tarsometatarsal fusion
- 4.16 corticotomy/callus distraction of lesser metatarsal
- 4.17 revision/repair of surgical outcome in the forefoot
- 4.18 detachment/reattachment of Achilles tendon with partial ostectomy
- 4.19 other osseous procedures not listed above (distal to the tarsometatarsal joint)



Appendix B: Surgical Procedure Categories and Code Numbers

5. Reconstructive Rearfoot/Ankle Surgery

- Elective - Soft Tissue

- 5.1.1 plastic surgery techniques involving the midfoot, rearfoot, or ankle

- 5.1.2 tendon transfer involving the midfoot, rearfoot, ankle, or leg

- 5.1.3 tendon lengthening involving the midfoot, rearfoot, ankle, or leg

- 5.1.4 soft tissue repair of complex congenital foot/ankle deformity (clubfoot, vertical talus)

- 5.1.5 primary or secondary ~~delayed~~ repair of ligamentous structures

- 5.1.6 ligament or tendon augmentation/supplementation/restoration

- 5.1.7 open synovectomy of the rearfoot/ankle

- 5.1.8 (procedure code number no longer used)

- 5.1.9 other elective rearfoot reconstructive/ankle soft tissue surgery not listed above



Appendix B: Surgical Procedure Categories and Code Numbers

5. Reconstructive Rearfoot/Ankle Surgery

Elective - Osseous

5.2.1 operative arthroscopy

5.2.2 (procedure code number no longer used)

5.2.3 subtalar arthroeresis

5.2.4 midfoot, rearfoot, or ankle fusion

5.2.5 midfoot, rearfoot, or tibial osteotomy

5.2.6 coalition resection

5.2.7 open management of talar dome lesion (with or without osteotomy)

5.2.8 ankle arthrotomy with removal of loose body or other osteochondral debridement

5.2.9 ankle implant

5.2.10 corticotomy or osteotomy with callus distraction/correction of complex deformity of the midfoot, rearfoot, ankle, or tibia

5.2.11 other elective reconstructive rearfoot/ankle osseous surgery not listed above



Appendix B: Surgical Procedure Categories and Code Numbers

5. Reconstructive Rearfoot/Ankle Surgery

Non-Elective - Soft Tissue

- 5.3.1 repair of acute tendon injury
- 5.3.2 repair of acute ligament injury
- 5.3.3 microscopic nerve/vascular repair of the midfoot, rearfoot, or ankle
- 5.3.4 excision of soft tissue tumor/mass of the foot, ankle or leg (with reconstructive surgery)
- 5.3.5 (procedure code number no longer used)
- 5.3.6 open repair of dislocation (proximal to tarsometatarsal joints)
- 5.3.7 other non-elective rearfoot reconstructive/ankle soft tissue surgery not listed above
- (5.3.8 procedure code number no longer used) ~~excision of soft tissue tumor/mass of the ankle~~

Non-Elective - Osseous

- 5.4.1 open repair of adult midfoot fracture
- 5.4.2 open repair of adult rearfoot fracture
- 5.4.3 open repair of adult ankle fracture
- 5.4.4 open repair of pediatric rearfoot/ankle fractures or dislocations
- 5.4.5 management of bone tumor/neoplasm (with or without bone graft)
- 5.4.6 management of bone/joint infection (with or without bone graft)
- 5.4.7 amputation proximal to the tarsometatarsal joints
- 5.4.8 other non-elective rearfoot reconstructive/ankle osseous surgery not listed above
- 5.4.9 application of multiplanar external fixation midfoot, rearfoot, ankle (does not include mini or mono rails)



Logging Guidelines Changes

- For the procedure codes listed below, the program director must review each entry to determine proper usage. The following surgical codes may only be used if a more appropriate procedure does not exist. A full documentation in the “Procedure Note” is required to justify use.
-
- 1.13 other osseous digital procedure not listed above
- 2.3.10 other first ray procedure not listed above
- 3.14 other soft tissue procedures not listed above (limited to the foot)
- 4.198 other osseous procedures not listed (distal to the tarsometatarsal joint)
- 5.1.9 other elective reconstructive rearfoot/ankle soft-tissue surgery not listed above
- 5.2.11 other elective reconstructive rearfoot/ankle osseous surgery not listed above
- 5.3.7 other non-elective reconstructive rearfoot/ankle soft tissue surgery not listed above
- 5.4.8 other non-elective reconstructive rearfoot/ankle osseous surgery not listed above



Logging Guidelines Changes

In cases where a subchondroplasty procedure is performed as part of another procedure, only the index procedure must be logged. For example, a talar dome or distal tibial subchondroplasty may only be logged as:

- 5.2.1 operative arthroscopy
- 5.2.7 open management of talar dome lesion (with or without osteotomy) or
- 5.2.8 ankle arthrotomy with removal of loose body or other osteochondral debridement.

If subchondroplasty is performed in isolation, the appropriate logging mandates use of the following subcategories:

- 1.13 other osseous digital procedure not listed above
- 2.3.10 other first ray procedure not listed above
- 4.18 other osseous procedures not list (distal to the tarsometatarsal joint)
- 5.2.11 other elective reconstructive rearfoot/ankle osseous surgery not listed above



Logging Guidelines Changes

- 3) Laterality (left or right) must be selected for all surgical procedures in categories 1 through 5.
- 4) The “Procedure Notes” must always reflect additional procedures that were performed but not logged individually.3)
- 5) Procedures may not be fragmented or unbundled into individual component parts to allow more than one resident to claim first assist.

Any reference in this document to “midfoot” entails any osseous or soft tissue procedure that is performed **proximal to but not** including the tarsometatarsal/Lisfranc joint.



Logging Guidelines Changes

Category 1: digital surgery (lesser toe or hallux)

A procedure performed at the PIPJ and DIPJ can only be logged once. Include both procedures in the procedure notes.

- A resident **may** only log one category 1 procedure per toe (the Procedure Note may reflect additional procedures performed) and no more than one resident may claim a first assistant on a single toe.
- The digit (toe) number must be documented for all digital surgical procedures.

1.6 Phalangeal Osteotomy

May be used as an “add on” in conjunction with:

New code added. 2.1.10. bunionectomy with double correction with osteotomy and/or arthrodesis



Logging Guidelines Changes

Category 2: First Ray Surgery

General

The soft tissue component **of all First Ray Surgery** repair is inclusive and is **not** separately claimed as an additional procedure for all subcategories. The use of 2.1.1 is limited to isolated soft tissue repair/partial osteotomy of the first MPJ when no other osteotomy or fusion procedure is completed on the first ray.

Hallux Valgus Surgery

- Osteotomy (Akin) of the proximal phalanx treatment, see above in Digital Surgery
- Use of suture and button construct as the primary method to repair a bunion deformity should be logged as 2.1.1
- 2.1.10 can only be used when two separate osteotomies and/or arthrodesis are performed on the same first ray to correct the bunion deformity. **EXAMPLE:** A first tarsometatarsal arthrodesis and a head osteotomy on the same metatarsal should be logged as 2.1.10.

Other First Ray Surgery

2.3.1 Tendon Transfer/lengthening Procedure

- This procedure **shall be inclusive**. The soft tissue component of all first ray surgery repair is inclusive and is not separately claimed as an additional procedure.



Logging Guidelines Changes

Category 3: Other Soft Tissue Foot Surgery

3.1 Excision of Ossicle/sesamoid

- Can only be used if it is performed as an isolated primary procedure

3.4 Plantar Fasciotomy

- May not be used in conjunction with 3.9 plantar fasciectomy /plantar fibroma resection

3.6 Tendon Repair, Lengthening, or Transfer Involving the Forefoot (including digital flexor digitorum longus transfer)

May not be used in conjunction with:

- 3.5 lesser MPJ capsulotendon balancing
- 3.7 open Management of dislocation (MPJ/tarsometarsal)
- 4.2 lesser MPJ arthroplasty

3.7 Open Management of Dislocation (MPJ/tarsometatarsal)

- May be claimed as an additional procedure in conjunction with Digital Surgery.
- Includes plantar plate repair
- May not be used if percutaneous
- May not be used in conjunction with
 - 3.5 lesser MPJ capsulotendon balancing
 - 3.6 tendon repair, lengthening, or transfer involving the forefoot (including digital flexor digitorum longus transfer)
 - 4.2 lesser MPJ arthroplasty
- Can be used with digital procedure and lesser metatarsal osteotomy



Logging Guidelines Changes

• Category 3: Other Soft Tissue Foot Surgery

3.8 Incision and Drainage/wide debridement of Soft Tissue Infection (includes foot, ankle, or leg)

- Full documentation in the “Procedure Note” to justify use of procedure 3.8 with another procedure is required.
- If an I&D performed at a different site as an amputation, can be logged separately.

EXAMPLE: an I&D of a first interspace with a 5th digit amputation

If the I&D, amputation, and bone biopsy are all occurring at the same surgical site, only one of these procedures may be logged.

May not be used in conjunction with:

- 1.8 amputation
- 1.10 management of bone/joint infection
- 2.3.4 amputation
- 2.3.6 management of bone/joint infection (with or without bone graft)
- 3.17 decompression of compartment syndrome (includes foot or leg)
- 4.4 metatarsal head resection (single or multiple)
- 4.10 amputation (lesser ray, transmetatarsal amputation)
- 4.11 management of bone/joint infection distal to the tarsometatarsal joints (with or without bone graft)
- 5.4.6 management of bone/joint infection (with or without bone graft)
- 5.4.7 amputation proximal to the tarsometatarsal joints



Logging Guidelines Changes

Category 3: Other Soft Tissue Foot Surgery

3.9 Plantar Fasciectomy

- Includes localized lipectomy or soft tissue excisions and includes the heel spur (exostectomy) resection
- **May not** be claimed as Reconstructive Rearfoot/Ankle Surgery
- TOPAZ and PRP injection are logged as 6.14
- ~~Baxter nerve release is included~~
- **May not** be used in conjunction with 3.4 plantar fasciotomy

~~3.15 excision of soft tissue tumor/mass of the ankle (without reconstructive surgery)~~



Logging Guidelines Changes

Category 4: Other Osseous Foot Surgery

- **Partial Osteotomy (includes foot, ankle, or leg)**
- **May** include calcaneal osteotomies, i.e. simple Haglund's excision, retrocalcaneal exostectomy and resection of os trigonum (see 4.19 below)
- **May not** be used in conjunction with:
 - 3.4 plantar fasciotomy if associated with plantar calcaneal exostosis (see 3.4 above)
 - 3.9 plantar fasciectomy if associated with plantar calcaneal exostosis (see 3.9 above)
 - 4.2 lesser MPJ arthroplasty, if associated with the same metatarsal
 - 4.3 bunionectomy of the fifth metatarsal without osteotomy, **if associated with the same metatarsal**
 - 4.5 lesser MPJ implant, if associated with the same metatarsal
 - 4.6 central metatarsal osteotomy, if associated with the same metatarsal
 - 4.7 bunionectomy of the fifth metatarsal with osteotomy, if associated with the same metatarsal



Logging Guidelines Changes

Category 4: Other Osseous Foot Surgery

4.2 Lesser MPJ Arthroplasty

- **May not** be used in conjunction with:

3.5 lesser MPJ capsulotendon balancing

3.6 tendon repair, lengthening, or transfer involving the forefoot (including digital flexor digitorum longus transfer)

3.7 open Management of dislocation (MPJ/tarsometatarsal)

4.1 partial ostectomy (includes foot, ankle or leg)

4.3 bunionectomy of the fifth metatarsal without osteotomy

4.4 metatarsal head resection (single or multiple)

4.5 lesser MPJ implant

4.6 central metatarsal osteotomy

4.7 bunionectomy of the fifth metatarsal with osteotomy

4.4 Metatarsal Head Resection (single or multiple)

- single, multiple, or adjoining metatarsal head resections are considered as one procedure
- non-adjoining metatarsal head resections can be counted as two procedures with procedure note documentation.
- **EXAMPLE:** 1st and 5th metatarsal head resection

adjoining metatarsal head resections are considered as one procedure

4.6 Central Metatarsal Osteotomy

- May be used in conjunction with 3.7, plantar plate repair, if performed at the same location



Logging Guidelines Changes

- Category 4 Other Osseous Foot Surgery

4.10 Amputation (lesser ray, transmetatarsal amputation)

Transmetatarsal amputation is considered as one procedure

- Amputation of adjoining metatarsals or rays are considered one procedure
- Non-adjoining metatarsal ray amputations can be counted as two procedures

EXAMPLE, 1st and 5th ray amputations

4.11 Management of Bone/joint Infection Distal to the Tarsometatarsal Joints (with or without bone graft)

- Full documentation in the “Procedure Note” to justify use of procedure 4.11 with another procedure is required.

4.15 Tarsometatarsal Fusion

- Fusion of the tarsometatarsal joints (complete or partial) is **one** procedure
- This code is to be used in cases of Lisfranc joint ORIF or osteoarthritis
- This code is not to be used for bunion correction (use 2.1.6 or 2.2.6 or 2.3.3)



Logging Guidelines Changes

Category 5: Reconstructive Rearfoot/Ankle Surgery

Any reference in this document to “midfoot” entails any osseous or soft tissue procedure that is performed ***proximal to, but not*** including the tarsometatarsal/ Lisfranc joint.

5.1.2 Tendon Transfer Involving the Midfoot, Rearfoot, Ankle, or Leg

- Any tendon transfer except plantaris with an Achilles tendon repair is acceptable (logged as two procedures)
- **May not** be used in conjunction with:

5.1.4 soft tissue repair of complex congenital foot/ankle deformity (clubfoot, vertical talus)

- **Does not** include digital tendon transfers i.e., FDL, Hibbs procedure etc. (see 3.6 above)

5.2.1 Operative Arthroscopy

5.2.11 other elective reconstructive rearfoot/ankle osseous surgery not listed above i.e., subchondroplasty



Logging Guidelines Changes

Category 5: Reconstructive Rearfoot/Ankle Surgery

5.2.4 Midfoot, Rearfoot, or Ankle Fusion

- multiple procedures count as one procedure
- Midfoot entails any osseous procedure that is performed **proximal and not** including the tarsometatarsal/ Lisfranc joint
- **EXAMPLES:** double arthrodesis, triple arthrodesis, pan talar arthrodesis, talonavicular with a calcaneocuboid arthrodesis are all logged as one procedure

5.2.5 Midfoot, Rearfoot or Tibial Osteotomy

- Midfoot entails any osseous procedure that is performed **proximal and not** including the tarsometatarsal/ Lisfranc joint.
- **May not** be claimed in conjunction with the following procedures if the osteotomy was performed to access pathology:
 - 5.2.4 midfoot, rearfoot or ankle fusion
 - 5.2.7 open management of talar dome lesion (with or without osteotomy)
 - 5.2.9 ankle implant
- **NOTE:** 5.2.5 can be claimed in conjunction with 5.2.4, 5.2.7 and 5.2.9 when an osteotomy was done to correct RRA deformity.
- **May** be used if two separate osteotomies are performed to correct a deformity i.e. Evans and Cotton or Evans and medial sliding calcaneal osteotomy

5.2.6 Coalition Resection

- **Can not** be used if it is done as part of an arthrodesis or arthroeresis procedure
- **May not** be claimed in conjunction with:
 - 5.2.3 subtalar arthroeresis
 - 5.2.4 midfoot, rearfoot, or ankle fusion
 - 5.2.5 midfoot, rearfoot, or tibial osteotomy
- **May** be claimed when an osteotomy was done to correct RRA deformity



Logging Guidelines Changes

Category 5: Reconstructive Rearfoot/Ankle Surgery

5.2.7 Open Management of Talar Dome Lesions (with or without osteotomy)

- **Includes associated:**

- 5.2.1 operative arthroscopy (does not include STJ arthroscopy)

- **May not be used in conjunction with:**

- 5.2.4 midfoot, rearfoot, or ankle fusion (may be used other than with ankle fusion)

- 5.2.5 malleolar osteotomy

- 5.2.8 ankle arthrotomy

- 5.2.11 other elective reconstructive rearfoot/ankle osseous surgery not listed above (i.e. subchondroplasty)

5.2.8 Ankle Arthrotomy with Removal of Loose Body or Other Osteochondral Debridement

- **Includes associated:**

- 5.2.1 operative arthroscopy (does not include STJ arthroscopy)

- **May not be used in conjunction with:**

- 5.2.4 midfoot, rearfoot, or ankle fusion (may be used other than with ankle fusion)

- 5.2.5 malleolar osteotomy

- 5.2.11 other elective reconstructive rearfoot/ankle osseous surgery not listed above i.e. subchondroplasty



Logging Guidelines Changes

Category 5: Reconstructive Rearfoot/Ankle Surgery

Non-elective - Soft Tissue

5.3.2 Repair of Acute Ligament Injury

May not be used in conjunction with fracture repair

5.3.6 open repair of dislocation (proximal to tarsometatarsal joints)

5.4.1 open repair of adult midfoot fracture

5.4.2 open repair of adult rearfoot fracture

5.4.3 open repair of adult ankle fracture

5.4.4 open repair of pediatric rearfoot/ankle fractures or dislocations

- **Claim only one** procedure per foot/ankle

5.3.4 Excision of Soft Tissue Tumor/mass of the Foot, Ankle or Leg (with reconstructive surgery)

- The harvesting and application of related skin graft/flap count as **one** procedure



Logging Guidelines Changes

Category 5: Reconstructive Rearfoot/Ankle Surgery

5.3.6 Open Repair of Dislocation (proximal to the tarsometatarsal joints)

- **May not** be used in conjunction with fracture repair
 - 5.4.1 open repair of adult midfoot fracture
 - 5.4.2 open repair of adult rearfoot fracture
 - 5.4.3 open repair of adult ankle fracture
 - 5.4.4 open repair of pediatric rearfoot/ankle fractures or dislocations
- **May not** be used in conjunction with
 - 5.3.2 repair of acute ligament injury
- **Claim** only **one** procedure per foot/ankle



Logging Guidelines Changes

Category 5: Reconstructive Rearfoot/Ankle Surgery

- **5.4.3 Open Repair of adult Ankle Fracture**

Repair of ligaments included in the repair

Repair of syndesmosis is included in the repair

Uni/Bi/Tri malleolar fracture repairs are considered one procedure

Claim only **one** procedure per ankle

- **5.4.9 Application of Multiplanar External Fixation Midfoot, Rearfoot, and Ankle**

- Does not include application of a monorail or mini-rail

- To be used for cases requiring deformity correction

- **May not** be used with 4.8, 4.13, 5.4.1, 5.4.2, 5.4.3, and 5.4.4





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