

ICD-10

for

Orthopedic Surgery

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First Edition

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This **Table of Contents** for this book is probably far more extensive and detailed than you would normally expect in any book. I have done this on purpose so that by using the **Table of Contents**, hopefully it will expedite the process of getting to the right part of the book to find your diagnosis codes.

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Osteoarthritis (M15-M19)

This **Excludes** osteoarthritis of the spine (M47._), but if arthritis of the spine and other joints coexist, then both can be coded and reported.

M15: Polyosteoarthritis (5 or more joints required)

This **Includes** arthritis at multiple sites

This **Excludes** bilateral involvement of a single joint (M16-M19)

Only 4 characters required

M15.0: **Primary generalized osteoarthritis**

M15.1: **Heberden's** nodes with arthropathy (interphalangeal distal osteoarthritis)

M15.2: **Bouchard's** nodes with arthropathy (juxta-phalangeal distal osteoarthritis)

M15.3: **Secondary multiple** arthritis (post-traumatic polyosteoarthritis)

M13.4: **Erosive** osteoarthritis

M16: Osteoarthritis of the hip (*5th Character*: 1: Right, 2: Left)

M16.0: **Bilateral primary** osteoarthritis of the hip

M16.1 _: **Unilateral primary** osteoarthritis of the hip

M16.2: **Bilateral** osteoarthritis resulting from **hip dysplasia**

M16.3 _: **Unilateral** osteoarthritis resulting from **hip dysplasia** (Dysplastic osteoarthritis of the hip NOS)

M16.4: **Bilateral post-traumatic** osteoarthritis of the hip

M16.5 _: **Unilateral post-traumatic** osteoarthritis of the hip (post-traumatic osteoarthritis of the hip NOS)

M16.6: **Other Bilateral Secondary** arthritis of the hips

M16.7 _: **Other Unilateral Secondary** arthritis of the hip

M17: Osteoarthritis of the knee (*5th Character*: 1: Right, 2: Left)

M17.0: **Bilateral primary** osteoarthritis of the knee

M17.1 _: **Unilateral primary** osteoarthritis of the knee

M17.2: **Bilateral post-traumatic** osteoarthritis of the knee

M17.3 _: **Unilateral post-traumatic** osteoarthritis of the knee

M17.4: **Other bilateral secondary** osteoarthritis of the knee

M17.5 _: **Other unilateral secondary** osteoarthritis of the knee

M18: Osteoarthritis of the first carpometacarpal joint (*5th Character*: 1: Right, 2: Left)

M18.0: **Bilateral primary** osteoarthritis of the first carpometacarpal joints

M18.1 _: **Unilateral primary** osteoarthritis of the first carpometacarpal joint

M18.2: **Bilateral post-traumatic** osteoarthritis of the first carpometacarpal joints

M18.3 _: **Unilateral post-traumatic** osteoarthritis of the first carpometacarpal joint

M18.4: **Other bilateral secondary** osteoarthritis of the first carpometacarpal joints

M18.5 _: **Other unilateral secondary** osteoarthritis of the first carpometacarpal joint

M19: Osteoarthritis of other joints

This **Excludes** polyarthritis (M15)

This **Excludes** arthrosis of the spine (M47._), hallux rigidus (M20.2), and osteoarthritis of the spine (M47._), but if these problems coexist with other arthritis of the joints, then both can be coded and reported

5th Characters: 1: Shoulder, 2: Elbow, 3: Wrist, 4: Hand, and 7: Ankle and Foot, **only**

6th Character: 1: Right, 2: Left

M19.0 __: **Primary** osteoarthritis of other joints

M19.1 __: **Post-traumatic** osteoarthritis of other joints

M19.2 __: **Secondary** osteoarthritis of other joints

S68.622 _ : Right middle finger
S68.623 _ : Left middle finger
S68.624 _ : Right ring finger
S68.625 _ : Left ring finger
S68.626 _ : Right little finger
S68.627 _ : Left little finger

S68.7: Traumatic transmetacarpal amputation of the hand

6th Character: 1: Right, 2: Left

S68.71 _ _ : **Complete** amputation

S68.72 _ _ : **Partial** amputation

S69: Other injuries of the wrist, hand, and fingers

7th Character: A, D, or S

S69.8X _ _ : **Other specified injuries** of the wrist, hand, and fingers

6th Character: 1: Right, 2: Left

Injuries to the hip and thigh (S70-S79)

This **Excludes** burns and corrosion (T20-T32), frostbite (T33-T34), snake bite (T63.0_), and venomous insect bite or sting (T63.4_), but if these coexist with these injuries, both may be coded and reported

S70: Superficial injury of the hip and thigh

7th Character: A, D, or S

S70.0 _X _ : **Contusion** of the **hip** (*5th Character:* 1: Right, 2: Left)

S70.1 _X _ : **Contusion** of the **thigh** (*5th Character:* 1: Right, 2: Left)

S70.2: **Other superficial injuries** of the **hip**

6th Character: 1: Right, 2: Left

S70.21 _ _ : Abrasion of the hip

S70.22 _ _ : Non-thermal blister of the hip

S70.24 _ _ : External constriction of the hip

S70.25 _ _ : Superficial foreign body of the hip (splinter)

S70.26 _ _ : Nonvenomous insect bite of the hip

S70.27 _ _ : Other superficial bite of the hip

This **Excludes** open bite of the hip (S71.05_)

S70.3: **Other superficial injuries** of the **thigh**

6th Character: 1: Right, 2: Left

S70.31 _ _ : Abrasion of the thigh

S70.32 _ _ : Non-thermal blister of the thigh

S70.34 _ _ : External constriction of the thigh

S70.35 _ _ : Superficial foreign body of the thigh (splinter)

S70.36 _ _ : Nonvenomous insect bite of the thigh

S70.37 _ _ : Other superficial bite of the thigh

This **Excludes** open bite of the thigh (S71.15)

S71: Open wound of the hip and/or thigh

Code also any associated wound infection

This **Excludes** open fracture of the hip and thigh (S70.2._), and traumatic amputation of the hip and thigh (S78._)

This **Excludes** bite of a venomous animal (T60.3._), open wound of the ankle, foot, or toes (S91._), and open wound of the knee and lower leg (S81._), but if both of these coexist, both can be coded and reported

6th Character: 1: Right, 2: Left

7th Character: A, D, or S

S71.0: **Open wound** of the **hip**

S71.01 _ _ : Laceration of the hip without foreign body

- S71.02 __: Laceration of the hip with foreign body
- S71.03 __: Puncture wound of hip without foreign body
- S71.04 __: Puncture wound of the hip with foreign body
- S71.05 __: Open bite of the hip

This **Excludes** superficial bite he hip (S70.26, S70.27)

S71.1: Open wound of the thigh

- S71.11 __: Laceration of the thigh without foreign body
- S71.12 __: Laceration of the thigh with foreign body
- S71.13 __: Puncture wound of the thigh without foreign body
- S71.14 __: Puncture wound of the thigh with foreign body
- S71.15 __: Open bite of the thigh

This **Excludes** superficial bite of the thigh (S70.37_)

S72: Fracture of the femur

Note: A fracture not indicated as displaced or non-displaced should be coded as displaced. The open fracture designations are based on the Gustilo open fracture classification. A fracture not indicated as open or closed should be coded as closed.

This **Excludes** traumatic amputation of the hip and thigh (S78._)

This **Excludes** fracture of the lower leg and ankle (S82._), fracture of the foot (S92._), and periprosthetic fracture of a prosthetic implant of the hip (T84.040, T84.041), but if these coexist, both may be coded and reported

7th Character for all codes for category S72 (unless otherwise indicated) are:

- A: Initial encounter for closed fracture
- B: Initial encounter for open fracture type I or II
- C: Initial encounter for open fracture types IIIA, IIIB, or IIIC
- D: Subsequent encounter for closed fracture with routine healing
- E: Subsequent encounter for open fracture type I or II with routine healing
- F: Subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing
- G: Subsequent encounter for closed fracture with delayed healing
- H: Subsequent encounter for open fracture type I or II with delayed healing
- J: Subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
- K: Subsequent encounter for closed fracture with nonunion
- M: Subsequent encounter for open fracture type I or II with nonunion
- N: Subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
- P: Subsequent encounter for closed fracture with malunion
- Q: Subsequent encounter for open fracture type I or II with malunion
- R: Subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
- S: Sequela

S72.0: Fracture of the head and neck of the femur

This **Excludes** epiphyseal fracture of the upper end of the femur (S79.0_), but if both coexist, both can be coded and reported

S72.01 __: **Intracapsular fracture of the femoral neck (subcapital fracture)**

6th Character: 1: Right, 2: Left

S72.02: **Epiphyseal fracture or separation of the femoral neck (trans-epiphyseal fracture of the femoral neck)**

This **Excludes** capital femoral epiphyseal fracture/pediatric of the femur (S79.01_), and Salter-Harris Type I epiphyseal fracture of the upper end of the femur (S79.01_)

- S72.021 __: Displaced fracture right proximal femoral epiphysis
- S72.022 __: Displaced fracture of the left proximal femoral epiphysis
- S72.024 __: Non-displaced fracture of the right proximal femoral epiphysis
- S72.025 __: Non-displaced fracture of the left proximal femoral epiphysis

S72.03: **Mid-cervical fracture of the femoral neck (trans-cervical fracture)**

- S72.031 __: Displaced fracture right
- S72.032 __: Displaced fracture left

- S72.034 _: Non-displaced fracture right
- S72.035 _: Non-displaced fracture left
- S72.04: Fracture of the **base of the neck** of the femur (**cervicotrochanteric fracture**)
 - S72.041 _: Displaced fracture right
 - S72.042 _: Displaced fracture left
 - S72.044 _: Non-displaced fracture right
 - S72.045 _: Non-displaced fracture left
- S72.06: **Articular** fracture of the **femoral head**
 - S72.061 _: Displaced right
 - S72.062 _: Displaced left
 - S72.064 _: Non-displaced right
 - S72.065 _: Non-displaced left
- S72.09 __: **Other fracture** of the **head and/or neck** of the femur
6th Character. 1: Right, 2: Left
- S72.1: **Petrochanteric** fracture of the femur
 - S72.11: Fracture of the **greater trochanter** of the femur
 - S72.111 _: Displaced right
 - S72.112 _: Displaced left
 - S72.114 _: Non-displaced right
 - S72.115 _: Non-displaced left
 - S72.12: Fracture of the **lesser trochanter** of the femur
 - S72.121 _: Displaced right
 - S72.122 _: Displaced left
 - S72.124 _: Non-displaced right
 - S72.125 _: Non-displaced left
 - S72.13: **Apophyseal fracture** of the femur (Greater or Lesser Trochanters)
 This **Excludes** chronic non-traumatic slipped upper femoral epiphysis (M93.0_)
 - S72.131 _: Displaced right
 - S72.132 _: Displaced left
 - S72.134 _: Non-displaced right
 - S72.135 _: Non-displaced left
 - S72.14: **Intertrochanteric** fracture of the femur
 - S72.141 _: Displaced right
 - S72.142 _: Displaced left
 - S72.144 _: Non-displaced right
 - S72.145 _: Non-displaced left
- S72.2: **Subtrochanteric** fracture of the femur
 - S72.21X _: Displaced right
 - S72.22X _: Displaced left
 - S72.24X _: Non-displaced right
 - S72.25X _: Non-displaced left
- S72.3: Fracture of the **femoral shaft**
 - S72.32: **Transverse fracture** of the femoral shaft
 - S72.321 _: Displaced right
 - S72.322 _: Displaced left
 - S72.324 _: Non-displaced right
 - S72.325 _: Non-displaced left
 - S72.33: **Oblique fracture** of the femoral shaft
 - S72.331 _: Displaced right
 - S72.332 _: Displaced left
 - S72.334 _: Non-displaced right
 - S72.335 _: Non-displaced left
 - S72.34: **Spiral fracture** of the femoral shaft
 - S72.341 _: Displaced right

- S72.342 _: Displaced left
- S72.344 _: Non-displaced right
- S72.345 _: Non-displaced left
- S72.35: **Comminuted fracture** of the femoral shaft
 - S72.351 _: Displaced right
 - S72.352 _: Displaced left
 - S72.354 _: Non-displaced right
 - S72.355 _: Non-displaced left
- S72.36: **Segmental fracture** of the femoral shaft
 - S72.361 _: Displaced right
 - S72.362 _: Displaced left
 - S72.364 _: Non-displaced right
 - S72.365 _: Non-displaced left
- S72.39 __: **Other fracture** of the femoral shaft (*6th Character*: 1: Right, 2: Left)
- S72.4: Fracture of the **lower end of the femur (distal femur)**

This **Excludes** fracture of the femoral shaft (S72.3_), and epiphyseal fracture of the lower end of the femur (S79.1_), but if both coexist, both can be coded and reported
- S72.42: Fracture of the **lateral femoral condyle**
 - S72.421 _: Displaced right
 - S72.422 _: Displaced left
 - S72.424 _: Non-displaced right
 - S72.425 _: Non-displaced left
- S72.43: Fracture of the **medial femoral condyle**
 - S72.431 _: Displaced right
 - S72.432 _: Displaced left
 - S72.434 _: Non-displaced right
 - S72.435 _: Non-displaced left
- S72.44: Fracture of the **lower femoral epiphysis** (always considered closed)

This **Excludes** Salter-Harris Type I epiphyseal fracture of the lower end of the femur (S79.11_)

 - S72.441 _: Displaced right
 - S72.442 _: Displaced left
 - S72.444 _: Non-displaced right
 - S72.445 _: Non-displaced left
- S72.45: **Supracondylar fracture without intercondylar extension** of the distal femur

This **Excludes** supracondylar fracture with intracondylar extension of the distal femur (S72.46_)

 - S72.451 _: Displaced right
 - S72.452 _: Displaced left
 - S72.454 _: Non-displaced right
 - S72.455 _: Non-displaced left
- S72.46: **Supracondylar fracture with intercondylar extension** of the lower end of the femur

This **Excludes** supracondylar fracture without intercondylar extension of the distal femur (S72.45_)

 - S72.461 _: Displaced right
 - S72.462 _: Displaced left
 - S72.464 _: Non-displaced right
 - S72.465 _: Non-displaced left
- S72.47: **Torus fracture** of the lower end of the femur (always designated closed)

6th Character: 1: Right, 2: Left
7th Characters for subcategory S72.47: A, D, G, K, P, S
- S72.49: Other fracture of the lower end of the femur (*6th Character*: 1: Right, 2: Left)
- S72.8 __: **Other fracture** of the **femur** (*6th Character*: 1: Right, 2: Left)

S73: Dislocations and sprains of the joints and ligaments of the hip

This **Includes** avulsion of ligament, laceration of cartilage or ligament, sprain of the joint, traumatic hemarthrosis of the joint, traumatic rupture of the ligaments, traumatic subluxation of the joint, and traumatic tear of ligaments of the hip joint

Code also any associated open wound

This **Excludes** strain of the muscle, fascia, and/or tendons of the hip and thigh (S76._), but if both coexist, both can be coded and reported

7th Character for category S73: A, D, or S

S73.0: Subluxation and dislocation of the hip joint

This **Excludes** dislocation and subluxation of the hip prosthesis (T84.020, T84.021), but if both coexist, both can be coded and reported

S73.01: Posterior subluxation and/or dislocation of the hip

S73.011 _ : Subluxation of right hip

S73.012 _ : Subluxation of left hip

S73.014 _ : Dislocation of right hip

S73.015 _ : Dislocation of left hip

S73.02: Obturator subluxation and dislocation of the hip

S73.021 _ : Subluxation of right hip

S73.022 _ : Subluxation of left hip

S73.024 _ : Dislocation of right hip

S73.025 _ : Dislocation of left hip

S73.03: Other anterior subluxation and dislocation of the hip

S73.031 _ : Subluxation of right hip

S73.032 _ : Subluxation of left hip

S73.034 _ : Dislocation of right hip

S73.035 _ : Dislocation of left hip

S73.04: Central subluxation and dislocation of the hip

S73.041 _ : Subluxation of right hip

S73.042 _ : Subluxation of left hip

S73.044 _ : Dislocation of right hip

S73.045 _ : Dislocation of left hip

S73.1: Sprain of the hip (*6th Character*: 1: Right, 2: Left)

S73.11 __ : **Iliofemoral ligament** sprain of the hip

S73.12 __ : **Ischiocapsular ligament** sprain of the hip

S73.19 __ : **Other sprain** of the hip

S74: Injury of the nerves at the hip and thigh level

Code also any associated open wound (S71._)

This **Excludes** injuries of the nerves at the ankle and foot level (S94._), and lower leg level (S84._), but if both injuries coexist, both can be coded and reported

5th Character: 1: Right, 2: Left

7th Character for S74: A, D, or S

S74.0 _X _ : Injury to the **sciatic nerve** at the hip and thigh level

S74.1 _X _ : Injury of the **femoral nerve** at the hip and thigh level

S74.2 _X _ : Injury of **cutaneous sensory nerve** at the hip and thigh level

S74.8 _X _ : Injury of **other nerve/s** at the hip and thigh level

S75: Injury to blood vessels at the hip and thigh level

Code also any associated open wound (S71.5_)

This **Excludes** injury of the blood vessels of the lower leg (S85._), popliteal artery (S85.0), but if both coexist, both can be coded and reported

6th Character: 1: Right, 2: Left

7th Character for category S75: A, D, or S

S75.0: Injury of the femoral artery

S75.01 __ : Minor laceration of the femoral artery (incomplete transection, superficial laceration of the femoral artery)

- S75.02 __: Major laceration of the femoral artery (complete transection, traumatic rupture of femoral artery)
- S75.09 __: Other specified injury of the femoral artery
- S75.1: Injury of the **femoral vein** at the hip and thigh level
 - S75.11 __: Minor laceration of the femoral vein (incomplete transection, superficial laceration of the femoral vein)
 - S75.12 __: Major laceration of the femoral vein (complete transection, or traumatic rupture of the femoral vein)
 - S75.19 __: Other specified injury of the femoral vein at the hip and thigh level
- S75.2: Injury of the **greater saphenous vein** at the hip and thigh level
 - This **Excludes** greater saphenous vein NOS (S85.3)
 - S75.21 __: Minor laceration of the greater saphenous vein (incomplete transection, superficial laceration of greater saphenous vein)
 - S75.22 __: Major laceration of the greater saphenous vein (complete transection, traumatic rupture)
 - S75.29 __: Other specified injury of the greater saphenous vein
- S75.8: Injury of other blood vessel/s at the hip and thigh level
 - S75.81 __: Laceration of other blood vessel
 - S75.89 __: Other specified injury of other blood vessels

S76: Injury of the muscle, fascia, and/or tendons at the hip and thigh level

Code also any associated open wound (S71.)

This **Excludes** injury to the muscle, fascia, and/or tendon at the lower leg level (S86), and sprain of the hip joint (S73.1), but if both coexist, both can be coded and reported

6th Character: 1: Right, 2: Left

7th Character for category S76: A, D, or S

- S76.0: **Injury** of the muscle, fascia, and/or tendon of the **hip**
 - S76.01 __: Strain of muscle, fascia, and/or tendon
 - S76.02 __: Laceration of muscle, fascia, and/or tendon of the hip
 - S76.09 __: Other specified injury to muscle, fascia, and/or tendon of the hip
- S76.1: **Injury** of the **quadriceps** muscle, fascia, and/or tendon (**injury of the patellar tendon**)
 - S76.11 __: Strain of the quadriceps muscle, fascia, and/or tendon
 - S76.12 __: Laceration of the quadriceps muscle, fascia, and/or tendon
 - S76.19 __: Other specified injury to the quadriceps muscle, fascia, and/or tendon
- S76.2: **Injury** of the **abductor** muscle, fascia, and/or tendon of the thigh
 - S76.21 __: Strain of the abductor muscle, fascia, and/or tendon
 - S76.22 __: Laceration of the abductor muscle, fascia, and/or tendon
 - S76.29 __: Other injury to the abductor muscle, fascia, and/or tendon
- S76.3: **Injury** to the muscle, fascia, and/or tendon of the **posterior muscle group** at the thigh level
 - S76.31 __: Strain of the muscle, fascia, and/or tendons
 - S76.32 __: Laceration of the muscle, fascia, and/or tendons
 - S76.39 __: Other specified injury of the muscle, fascia, and/or tendons
- S76.8: **Injury** of **other specified muscles, fascia, and/or tendons** at the thigh level
 - S76.81 __: Strain of other specified muscles, fascia, and/or tendons
 - S76.82 __: Laceration of other specified muscles, fascia, and/or tendons
 - S76.89 __: Other injury of other specified muscles, fascia, and/or tendons at the thigh level

S77: Crushing injury of the hip and thigh

Use additional code(s) for all associated injuries

This **Excludes** crushing injury of the foot and ankle (S97.), and lower leg (S87.), but if both coexist, both can be coded and reported

5th Character: 1: Right, 2: Left

7th Character for category S77: A, D, or S

- S77.0 _X_: Crushing injury of the **hip**

S77.1 _X_: Crushing injury of the **thigh**
S77.2 _X_: Crushing injury of the **hip with thigh**

S78: Traumatic amputation of the hip and thigh

Note: An amputation not identified as partial or complete should be coded as complete
This **Excludes** traumatic amputation of the knee (S88.0_)

6th Character: 1, Right, 2: Left

7th Character for category S78: A, D, or S

S78.0: Traumatic amputation at the hip joint

S78.01 __: **Complete** traumatic amputation

S78.02 __: **Partial** traumatic amputation

S78.1: Traumatic amputation between the hip and the knee (thigh)

This **Excludes** traumatic amputation at the knee (S88.0_)

S78.11 __: **Complete** traumatic amputation

S78.12 __: **Partial** traumatic amputation

S79: Other injuries of the hip and thigh

S79.0: Epiphyseal fracture of the upper end of the femur

This **Excludes** apophyseal fracture of the proximal femur (S72.13_), and
non-traumatic slipped capital femoral epiphysis (M93.0_)

6th Character: 1: Right, 2: Left

7th Characters for sub-category S79.0 and S79..1: A, D, G, K, P, S (always
considered closed)

S79.01 __: **Salter-Harris type I** epiphyseal fracture of the upper end of the femur
(traumatic acute on chronic slipped capital femoral epiphysis, traumatic acute
slipped capital femoral epiphysis, capital femoral epiphyseal fracture)

This **Excludes** non-traumatic chronic slipped upper femoral epiphysis (M93.02_)

S79.09 __: **Other epiphyseal fracture** of the upper end of the femur

S79.1: Epiphyseal fracture of the lower end of the femur (always considered closed)

6th Character: 1: Right, 2: Left

S79.11 __: **Salter-Harris type I** epiphyseal fracture of the lower end of the femur

S79.12 __: **Salter-Harris type II** epiphyseal fracture of the lower end of the femur

S79.13 __: **Salter-Harris type III** epiphyseal fracture of the lower end of the femur

S79.14 __: **Salter-Harris type IV** epiphyseal fracture the lower end of the femur

S79.19 __: **Other epiphyseal fracture** of the lower end of the femur

S79.8: Other specified injuries of the hip and thigh

6th Character: 1: Right, 2: Left

7th Character for sub-category S79.8: A, D, or S

S79.81 __: Other specified injuries of the **hip**

S79.82 __: Other specified injuries of the **thigh**

Injuries to the knee and lower leg (S80-S89)

This **Excludes** burns and corrosion's (T20-T32), frostbite (T33-T34), injuries of the foot and
ankle, except fracture of the ankle and malleolus (S90-S99), and venomous insect bite or sting
(T63.4), but if these coexist with these injuries, both may be coded and reported

S80: Superficial injury of the knee and lower leg

This **Excludes** superficial injury of the ankle and foot (S90.5_), but if both coexist, both can be
coded and reported

6th Character: 1: Right, 2: Left, unless otherwise designated

7th Character for category S80: A, D, or S

S80.0 _X_: **Contusion** of the **knee** (*5th Character:* 1: Right, 2: Left)

S80.1 _X_: **Contusion** of the **lower leg** (*5th Character:* 1: Right, 2: Left)