

Centers for Medicare & Medicaid Services

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Back to Local Coverage Determinations (LCDs) for Noridian Healthcare Solutions, LLC (Noridian Healthcare Solutions, LLC (01112, A and B MAC, J - E))

Local Coverage Determination (LCD): Total Hip Arthroplasty (L34163)

- Contractor Information

| CONTRACTOR NAME | CONTRACT TYPE | CONTRACT NUMBER | JURISDICTION | STATE(S) |
|------------------------------------|---------------|-----------------|--------------|---|
| Noridian Healthcare Solutions, LLC | A and B MAC | 01111 - MAC A | J - E | California - Entire State |
| Noridian Healthcare Solutions, LLC | A and B MAC | 01112 - MAC B | J - E | California - Northern |
| Noridian Healthcare Solutions, LLC | A and B MAC | 01182 - MAC B | J - E | California - Southern |
| Noridian Healthcare Solutions, LLC | A and B MAC | 01211 - MAC A | J - E | American Samoa Guam Hawaii Northern Mariana Islands |
| Noridian Healthcare Solutions, LLC | A and B MAC | 01212 - MAC B | J - E | American Samoa Guam Hawaii Northern Mariana Islands |
| Noridian Healthcare Solutions, LLC | A and B MAC | 01311 - MAC A | J - E | Nevada |
| Noridian Healthcare Solutions, LLC | A and B MAC | 01312 - MAC B | J - E | Nevada |
| Noridian Healthcare Solutions, LLC | A and B MAC | 01911 - MAC A | J - E | American Samoa California - Entire State Guam Hawaii Nevada Northern Mariana Islands |

- LCD Information

Document Information

LCD ID
L34163

LCD Title
Total Hip Arthroplasty

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CMS National Coverage Policy

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Title XVIII of the Social Security Act, §1862 (a)(1)(A) allows coverage and payment for only those services that are considered to be reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member.

Title XVIII of the Social Security Act, §1833(e) prohibits Medicare payment for any claim which lacks the necessary information to process the claim.

Title 21, Code of Federal Regulations, Chapter 1, Subchapter H, Part 888 orthopedic devices, arthroscope

Title 42, Code of Federal Regulations, §482.24

CMS Manual System, Pub 100-08, *Medicare Program Integrity Manual*, Chapter 6, §6.5.2

CMS Manual System, Pub 100-08, *Medicare Program Integrity Manual*, Chapter 3, §3.4.1.3

Coverage Guidance

Coverage Indications, Limitations, and/or Medical Necessity

Joint replacement surgery has been performed on millions of people over the past several decades and has proved to be an important medical advancement in the field of orthopedic surgery. The hip and knee are the two most commonly replaced joints. The hip is a large weight bearing joint made up of two components: a ball (femoral head) and socket (acetabulum). These components are covered with articular cartilage and are bathed in synovial fluid produced by a synovial membrane.

Arthritis causes a severe limitation in the activities of daily living (ADLs), including difficulty with walking, squatting, and climbing stairs. Pain is typically most severe with activity and patients often have difficulty getting mobilized when seated for a long time.

Total hip replacement surgery is most often performed due to severe pain caused by osteoarthritis (degenerative arthritis) of the hip joint. Rheumatoid arthritis, traumatic arthritis, malignancy involving the hip joint and osteonecrosis of the femoral head are also possible causes for hip replacement surgery. The use of THR in patients with malignancy must be weighed against considerations of life expectancy and possible alternative procedures to relieve pain. The pain from the damaged joint usually limits activities of daily living, such as walking, bathing and cooking. The pain can also cause disruption of sleep due to the inability to lie on the hip while in bed. Pain relief not achieved by taking non-steroidal anti-inflammatory medications and failure to achieve symptom improvement with other conservative therapies such as physical therapy, activity modification and (in some patients) assistive device use are reasons for proceeding with a total hip replacement. The goal of total hip replacement surgery is to relieve pain and improve or increase patient function. Occasionally, there may be a need to perform a reoperation on a previous total hip. This is often referred to as a revision total hip. Circumstances that lead to the need for a revision total hip are continued disabling pain, continued decline in function which can be attributed to failure of the primary joint replacement. Failure can be due to infection involving the joint, substantial bone loss in the structures supporting the prosthesis, fracture, aseptic loosening of the components and wear of the prosthetic components.

Total Hip Arthroplasty (THA)

Noridian will consider total hip replacement surgery medically necessary in the following circumstances:

Advanced joint disease demonstrated by:

- Radiographic supported evidence or when conventional radiography is not adequate, magnetic resonance imaging (MRI) and/or computed tomography (CT) (in situations when MRI is non-diagnostic or not able to be performed) supported evidence (subchondral cysts, subchondral sclerosis, periarticular osteophytes, joint subluxation, severe joint space narrowing, avascular necrosis); **AND**

- Pain that cannot be adequately controlled despite optimal conservative treatment or functional disability from injury due to trauma or arthritis of the joint; **AND**

- If appropriate, history of unsuccessful conservative therapy (non-surgical medical management) that is clearly addressed in the pre-procedure medical record. (If conservative therapy is not appropriate, the medical record must clearly document the rationale for why such approach is not reasonable). Non-surgical medical management is usually but not always implemented prior to scheduling total joint surgery. Non-surgical treatment as clinically appropriate for the patient's current episode of care typically includes one or more of the following:

- anti-inflammatory medications or analgesics, or
- flexibility and muscle strengthening exercises, or
- supervised physical therapy [Activities of daily living (ADLs) diminished despite completing a plan of care], or
- assistive device use, or
- weight reduction as appropriate, or
- therapeutic injections into the hip as appropriate.

In some circumstances, for example, if the patient has bone on bone articulation, severe deformity, pain or significant disabling interference with activities of daily living, the surgeon may determine that nonsurgical medical management would be ineffective or counterproductive and that the best treatment option, after explaining the risks, is surgical. If medical management is deemed appropriate, the medical record should indicate the rationale for and the circumstances under which this is the case.

- Malignancy of the joint involving the bones or soft tissues of the pelvis or proximal femur; **or**
- Avascular necrosis (osteonecrosis of femoral head); **or**
- Fracture of the femoral neck; **or**
- Acetabular fracture; **or**
- Non-union or failure of previous hip fracture surgery; **or**
- Mal-union of acetabular or proximal femur fracture

*See Associated Information - Documentation Requirements for additional information.

Indications for Replacement/Revision of Total Hip Arthroplasty

- Loosening of one or both components; **or**
- Fracture or mechanical failure of the implant; **or**
- Recurrent or irreducible dislocation; **or**
- Infection; **or**
- Treatment of a displaced periprosthetic fracture; **or**
- Clinically significant leg length inequality not amenable to conservative management; **or**
- Progressive or substantial bone loss; **or**
- Bearing surface wear leading to symptomatic synovitis or local bone or soft tissue reaction; **or**
- Clinically significant audible noise; **or**
- Adverse local tissue reaction

Limitations

Noridian will not consider a total hip replacement medically necessary when the following contraindications are present:

- Active infection of the hip joint or active systemic bacteremia

- Active urinary tract or dental infection
- Active skin infection (exception recurrent cutaneous staph infections) or open wound within the planned surgical site of the hip.
- Rapidly progressive neurological disease except in the clinical situation of a concomitant displaced femoral neck fracture

The following conditions are relative contraindications to total hip replacement and if such surgery is performed in the presence of these conditions, it is expected that the rationale for proceeding with the surgery under such circumstances is clearly documented in the medical record:

- Absence or relative insufficiency of abductor musculature
- Any process that is rapidly destroying bone
- Neurotrophic arthritis

This local coverage determination (LCD) is only addressing medical necessity criteria for performing total hip replacement surgery.

- Coding Information

Bill Type Codes:

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy should be assumed to apply equally to all claims.

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| 999x | Not Applicable |
|------|----------------|

Revenue Codes:

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the policy, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the policy should be assumed to apply equally to all Revenue Codes.

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| 99999 | Not Applicable |
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CPT/HCPCS Codes

Group 1 Paragraph: Total Hip Arthroplasty

Group 1 Codes:

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| 27130 | ARTHROPLASTY, ACETABULAR AND PROXIMAL FEMORAL PROSTHETIC REPLACEMENT (TOTAL HIP ARTHROPLASTY), WITH OR WITHOUT AUTOGRAFT OR ALLOGRAFT |
| 27132 | CONVERSION OF PREVIOUS HIP SURGERY TO TOTAL HIP ARTHROPLASTY, WITH OR WITHOUT AUTOGRAFT OR ALLOGRAFT |
| 27134 | REVISION OF TOTAL HIP ARTHROPLASTY; BOTH COMPONENTS, WITH OR WITHOUT AUTOGRAFT OR ALLOGRAFT |
| 27137 | REVISION OF TOTAL HIP ARTHROPLASTY; ACETABULAR COMPONENT ONLY, WITH OR WITHOUT AUTOGRAFT OR ALLOGRAFT |
| 27138 | REVISION OF TOTAL HIP ARTHROPLASTY; FEMORAL COMPONENT ONLY, WITH OR WITHOUT ALLOGRAFT |

ICD-10 Codes that Support Medical Necessity

Group 1 Paragraph:

N/A

Group 1 Codes:

| ICD-10 CODES | DESCRIPTION |
|--------------|--|
| C40.21 | Malignant neoplasm of long bones of right lower limb |
| C40.22 | Malignant neoplasm of long bones of left lower limb |
| C47.21 | Malignant neoplasm of peripheral nerves of right lower limb, including hip |
| C47.22 | Malignant neoplasm of peripheral nerves of left lower limb, including hip |
| C49.21 | Malignant neoplasm of connective and soft tissue of right lower limb, including hip |
| C49.22 | Malignant neoplasm of connective and soft tissue of left lower limb, including hip |
| D16.21 | Benign neoplasm of long bones of right lower limb |
| D16.22 | Benign neoplasm of long bones of left lower limb |
| D21.21 | Benign neoplasm of connective and other soft tissue of right lower limb, including hip |
| D21.22 | Benign neoplasm of connective and other soft tissue of left lower limb, including hip |
| L40.50 | Arthropathic psoriasis, unspecified |
| L40.52 | Psoriatic arthritis mutilans |
| L40.53 | Psoriatic spondylitis |
| L40.54 | Psoriatic juvenile arthropathy |
| L40.59 | Other psoriatic arthropathy |
| M05.051 | Felty's syndrome, right hip |
| M05.052 | Felty's syndrome, left hip |
| M05.09 | Felty's syndrome, multiple sites |
| M05.451 | Rheumatoid myopathy with rheumatoid arthritis of right hip |
| M05.452 | Rheumatoid myopathy with rheumatoid arthritis of left hip |
| M05.49 | Rheumatoid myopathy with rheumatoid arthritis of multiple sites |
| M05.551 | Rheumatoid polyneuropathy with rheumatoid arthritis of right hip |
| M05.552 | Rheumatoid polyneuropathy with rheumatoid arthritis of left hip |
| M05.59 | Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites |
| M05.751 | Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement |
| M05.752 | Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement |
| M05.79 | Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement |
| M05.851 | Other rheumatoid arthritis with rheumatoid factor of right hip |
| M05.852 | Other rheumatoid arthritis with rheumatoid factor of left hip |
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| M05.89 | Other rheumatoid arthritis with rheumatoid factor of multiple sites |
| M06.051 | Rheumatoid arthritis without rheumatoid factor, right hip |
| M06.052 | Rheumatoid arthritis without rheumatoid factor, left hip |
| M06.09 | Rheumatoid arthritis without rheumatoid factor, multiple sites |
| M06.851 | Other specified rheumatoid arthritis, right hip |
| M06.852 | Other specified rheumatoid arthritis, left hip |
| M06.89 | Other specified rheumatoid arthritis, multiple sites |
| M07.651 | Enteropathic arthropathies, right hip |
| M07.652 | Enteropathic arthropathies, left hip |
| M08.051 | Unspecified juvenile rheumatoid arthritis, right hip |
| M08.052 | Unspecified juvenile rheumatoid arthritis, left hip |
| M08.09 | Unspecified juvenile rheumatoid arthritis, multiple sites |
| M08.251 | Juvenile rheumatoid arthritis with systemic onset, right hip |
| M08.252 | Juvenile rheumatoid arthritis with systemic onset, left hip |
| M08.29 | Juvenile rheumatoid arthritis with systemic onset, multiple sites |
| M08.3 | Juvenile rheumatoid polyarthritis (seronegative) |
| M08.451 | Pauciarticular juvenile rheumatoid arthritis, right hip |
| M08.452 | Pauciarticular juvenile rheumatoid arthritis, left hip |
| M08.851 | Other juvenile arthritis, right hip |
| M08.852 | Other juvenile arthritis, left hip |
| M08.89 | Other juvenile arthritis, multiple sites |
| M08.951 | Juvenile arthritis, unspecified, right hip |
| M08.952 | Juvenile arthritis, unspecified, left hip |
| M08.99 | Juvenile arthritis, unspecified, multiple sites |
| M12.051 | Chronic postrheumatic arthropathy [Jaccoud], right hip |
| M12.052 | Chronic postrheumatic arthropathy [Jaccoud], left hip |
| M12.09 | Chronic postrheumatic arthropathy [Jaccoud], multiple sites |
| M12.451 | Intermittent hydrarthrosis, right hip |
| M12.452 | Intermittent hydrarthrosis, left hip |
| M12.551 | Traumatic arthropathy, right hip |
| M12.552 | Traumatic arthropathy, left hip |
| M12.851 | Other specific arthropathies, not elsewhere classified, right hip |
| M12.852 | Other specific arthropathies, not elsewhere classified, left hip |
| M13.0 | Polyarthritis, unspecified |
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| M13.151 | Monoarthritis, not elsewhere classified, right hip |
| M13.152 | Monoarthritis, not elsewhere classified, left hip |
| M16.0 | Bilateral primary osteoarthritis of hip |
| M16.11 | Unilateral primary osteoarthritis, right hip |
| M16.12 | Unilateral primary osteoarthritis, left hip |
| M16.2 | Bilateral osteoarthritis resulting from hip dysplasia |
| M16.31 | Unilateral osteoarthritis resulting from hip dysplasia, right hip |
| M16.32 | Unilateral osteoarthritis resulting from hip dysplasia, left hip |
| M16.4 | Bilateral post-traumatic osteoarthritis of hip |
| M16.51 | Unilateral post-traumatic osteoarthritis, right hip |
| M16.52 | Unilateral post-traumatic osteoarthritis, left hip |
| M16.6 | Other bilateral secondary osteoarthritis of hip |
| M16.7 | Other unilateral secondary osteoarthritis of hip |
| M24.651 | Ankylosis, right hip |
| M24.652 | Ankylosis, left hip |
| M24.7 | Protrusio acetabuli |
| M24.851 | Other specific joint derangements of right hip, not elsewhere classified |
| M24.852 | Other specific joint derangements of left hip, not elsewhere classified |
| M25.251 | Flail joint, right hip |
| M25.252 | Flail joint, left hip |
| M25.351 | Other instability, right hip |
| M25.352 | Other instability, left hip |
| M25.551 | Pain in right hip |
| M25.552 | Pain in left hip |
| M80.051A | Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture |
| M80.051D | Age-related osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with routine healing |
| M80.051G | Age-related osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with delayed healing |
| M80.051K | Age-related osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with nonunion |
| M80.051P | Age-related osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with malunion |
| M80.051S | Age-related osteoporosis with current pathological fracture, right femur, sequela |
| M80.052A | Age-related osteoporosis with current pathological fracture, left femur, initial encounter for fracture |
| | Age-related osteoporosis with current pathological fracture, left femur, subsequent |

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| M80.052D | encounter for fracture with routine healing |
| M80.052G | Age-related osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with delayed healing |
| M80.052K | Age-related osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with nonunion |
| M80.052P | Age-related osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with malunion |
| M80.052S | Age-related osteoporosis with current pathological fracture, left femur, sequela |
| M80.851A | Other osteoporosis with current pathological fracture, right femur, initial encounter for fracture |
| M80.851D | Other osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with routine healing |
| M80.851G | Other osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with delayed healing |
| M80.851K | Other osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with nonunion |
| M80.851P | Other osteoporosis with current pathological fracture, right femur, subsequent encounter for fracture with malunion |
| M80.851S | Other osteoporosis with current pathological fracture, right femur, sequela |
| M80.852A | Other osteoporosis with current pathological fracture, left femur, initial encounter for fracture |
| M80.852D | Other osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with routine healing |
| M80.852G | Other osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with delayed healing |
| M80.852K | Other osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with nonunion |
| M80.852P | Other osteoporosis with current pathological fracture, left femur, subsequent encounter for fracture with malunion |
| M80.852S | Other osteoporosis with current pathological fracture, left femur, sequela |
| M84.350A | Stress fracture, pelvis, initial encounter for fracture |
| M84.350D | Stress fracture, pelvis, subsequent encounter for fracture with routine healing |
| M84.350G | Stress fracture, pelvis, subsequent encounter for fracture with delayed healing |
| M84.350K | Stress fracture, pelvis, subsequent encounter for fracture with nonunion |
| M84.350P | Stress fracture, pelvis, subsequent encounter for fracture with malunion |
| M84.350S | Stress fracture, pelvis, sequela |
| M84.351A | Stress fracture, right femur, initial encounter for fracture |
| M84.351D | Stress fracture, right femur, subsequent encounter for fracture with routine healing |
| M84.351G | Stress fracture, right femur, subsequent encounter for fracture with delayed healing |
| M84.351K | Stress fracture, right femur, subsequent encounter for fracture with nonunion |
| M84.351P | Stress fracture, right femur, subsequent encounter for fracture with malunion |

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| M84.351S | Stress fracture, right femur, sequela |
| M84.352A | Stress fracture, left femur, initial encounter for fracture |
| M84.352D | Stress fracture, left femur, subsequent encounter for fracture with routine healing |
| M84.352G | Stress fracture, left femur, subsequent encounter for fracture with delayed healing |
| M84.352K | Stress fracture, left femur, subsequent encounter for fracture with nonunion |
| M84.352P | Stress fracture, left femur, subsequent encounter for fracture with malunion |
| M84.352S | Stress fracture, left femur, sequela |
| M84.451A | Pathological fracture, right femur, initial encounter for fracture |
| M84.451D | Pathological fracture, right femur, subsequent encounter for fracture with routine healing |
| M84.451G | Pathological fracture, right femur, subsequent encounter for fracture with delayed healing |
| M84.451K | Pathological fracture, right femur, subsequent encounter for fracture with nonunion |
| M84.451P | Pathological fracture, right femur, subsequent encounter for fracture with malunion |
| M84.451S | Pathological fracture, right femur, sequela |
| M84.452A | Pathological fracture, left femur, initial encounter for fracture |
| M84.452D | Pathological fracture, left femur, subsequent encounter for fracture with routine healing |
| M84.452G | Pathological fracture, left femur, subsequent encounter for fracture with delayed healing |
| M84.452K | Pathological fracture, left femur, subsequent encounter for fracture with nonunion |
| M84.452P | Pathological fracture, left femur, subsequent encounter for fracture with malunion |
| M84.452S | Pathological fracture, left femur, sequela |
| M84.454A | Pathological fracture, pelvis, initial encounter for fracture |
| M84.454D | Pathological fracture, pelvis, subsequent encounter for fracture with routine healing |
| M84.454G | Pathological fracture, pelvis, subsequent encounter for fracture with delayed healing |
| M84.454K | Pathological fracture, pelvis, subsequent encounter for fracture with nonunion |
| M84.454P | Pathological fracture, pelvis, subsequent encounter for fracture with malunion |
| M84.454S | Pathological fracture, pelvis, sequela |
| M84.550A | Pathological fracture in neoplastic disease, pelvis, initial encounter for fracture |
| M84.550D | Pathological fracture in neoplastic disease, pelvis, subsequent encounter for fracture with routine healing |
| M84.550G | Pathological fracture in neoplastic disease, pelvis, subsequent encounter for fracture with delayed healing |
| M84.550K | Pathological fracture in neoplastic disease, pelvis, subsequent encounter for fracture with nonunion |
| M84.550P | Pathological fracture in neoplastic disease, pelvis, subsequent encounter for fracture with malunion |

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| M84.550S | Pathological fracture in neoplastic disease, pelvis, sequela |
| M84.551A | Pathological fracture in neoplastic disease, right femur, initial encounter for fracture |
| M84.551D | Pathological fracture in neoplastic disease, right femur, subsequent encounter for fracture with routine healing |
| M84.551G | Pathological fracture in neoplastic disease, right femur, subsequent encounter for fracture with delayed healing |
| M84.551K | Pathological fracture in neoplastic disease, right femur, subsequent encounter for fracture with nonunion |
| M84.551P | Pathological fracture in neoplastic disease, right femur, subsequent encounter for fracture with malunion |
| M84.551S | Pathological fracture in neoplastic disease, right femur, sequela |
| M84.552A | Pathological fracture in neoplastic disease, left femur, initial encounter for fracture |
| M84.552D | Pathological fracture in neoplastic disease, left femur, subsequent encounter for fracture with routine healing |
| M84.552G | Pathological fracture in neoplastic disease, left femur, subsequent encounter for fracture with delayed healing |
| M84.552K | Pathological fracture in neoplastic disease, left femur, subsequent encounter for fracture with nonunion |
| M84.552P | Pathological fracture in neoplastic disease, left femur, subsequent encounter for fracture with malunion |
| M84.552S | Pathological fracture in neoplastic disease, left femur, sequela |
| M84.650A | Pathological fracture in other disease, pelvis, initial encounter for fracture |
| M84.650D | Pathological fracture in other disease, pelvis, subsequent encounter for fracture with routine healing |
| M84.650G | Pathological fracture in other disease, pelvis, subsequent encounter for fracture with delayed healing |
| M84.650K | Pathological fracture in other disease, pelvis, subsequent encounter for fracture with nonunion |
| M84.650P | Pathological fracture in other disease, pelvis, subsequent encounter for fracture with malunion |
| M84.650S | Pathological fracture in other disease, pelvis, sequela |
| M84.651A | Pathological fracture in other disease, right femur, initial encounter for fracture |
| M84.651D | Pathological fracture in other disease, right femur, subsequent encounter for fracture with routine healing |
| M84.651G | Pathological fracture in other disease, right femur, subsequent encounter for fracture with delayed healing |
| M84.651K | Pathological fracture in other disease, right femur, subsequent encounter for fracture with nonunion |
| M84.651P | Pathological fracture in other disease, right femur, subsequent encounter for fracture with malunion |
| M84.651S | Pathological fracture in other disease, right femur, sequela |
| M84.652A | Pathological fracture in other disease, left femur, initial encounter for fracture |
| M84.652D | Pathological fracture in other disease, left femur, subsequent encounter for fracture with routine healing |

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| M84.652G | Pathological fracture in other disease, left femur, subsequent encounter for fracture with delayed healing |
| M84.652K | Pathological fracture in other disease, left femur, subsequent encounter for fracture with nonunion |
| M84.652P | Pathological fracture in other disease, left femur, subsequent encounter for fracture with malunion |
| M84.652S | Pathological fracture in other disease, left femur, sequela |
| M87.050 | Idiopathic aseptic necrosis of pelvis |
| M87.051 | Idiopathic aseptic necrosis of right femur |
| M87.052 | Idiopathic aseptic necrosis of left femur |
| M87.150 | Osteonecrosis due to drugs, pelvis |
| M87.151 | Osteonecrosis due to drugs, right femur |
| M87.152 | Osteonecrosis due to drugs, left femur |
| M87.250 | Osteonecrosis due to previous trauma, pelvis |
| M87.251 | Osteonecrosis due to previous trauma, right femur |
| M87.252 | Osteonecrosis due to previous trauma, left femur |
| M87.350 | Other secondary osteonecrosis, pelvis |
| M87.351 | Other secondary osteonecrosis, right femur |
| M87.352 | Other secondary osteonecrosis, left femur |
| M87.850 | Other osteonecrosis, pelvis |
| M87.851 | Other osteonecrosis, right femur |
| M87.852 | Other osteonecrosis, left femur |
| M88.851 | Osteitis deformans of right thigh |
| M88.852 | Osteitis deformans of left thigh |
| M88.89 | Osteitis deformans of multiple sites |
| M90.551 | Osteonecrosis in diseases classified elsewhere, right thigh |
| M90.552 | Osteonecrosis in diseases classified elsewhere, left thigh |
| M97.01XA | Periprosthetic fracture around internal prosthetic right hip joint, initial encounter |
| M97.01XD | Periprosthetic fracture around internal prosthetic right hip joint, subsequent encounter |
| M97.01XS | Periprosthetic fracture around internal prosthetic right hip joint, sequela |
| M97.02XA | Periprosthetic fracture around internal prosthetic left hip joint, initial encounter |
| M97.02XD | Periprosthetic fracture around internal prosthetic left hip joint, subsequent encounter |
| M97.02XS | Periprosthetic fracture around internal prosthetic left hip joint, sequela |
| Q65.01 | Congenital dislocation of right hip, unilateral |
| Q65.02 | Congenital dislocation of left hip, unilateral |

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| Q65.89 | Other specified congenital deformities of hip |
| Q65.9 | Congenital deformity of hip, unspecified |
| S32.301A | Unspecified fracture of right ilium, initial encounter for closed fracture |
| S32.301B | Unspecified fracture of right ilium, initial encounter for open fracture |
| S32.301D | Unspecified fracture of right ilium, subsequent encounter for fracture with routine healing |
| S32.301G | Unspecified fracture of right ilium, subsequent encounter for fracture with delayed healing |
| S32.301K | Unspecified fracture of right ilium, subsequent encounter for fracture with nonunion |
| S32.301S | Unspecified fracture of right ilium, sequela |
| S32.302A | Unspecified fracture of left ilium, initial encounter for closed fracture |
| S32.302B | Unspecified fracture of left ilium, initial encounter for open fracture |
| S32.302D | Unspecified fracture of left ilium, subsequent encounter for fracture with routine healing |
| S32.302G | Unspecified fracture of left ilium, subsequent encounter for fracture with delayed healing |
| S32.302K | Unspecified fracture of left ilium, subsequent encounter for fracture with nonunion |
| S32.302S | Unspecified fracture of left ilium, sequela |
| S32.311A | Displaced avulsion fracture of right ilium, initial encounter for closed fracture |
| S32.311B | Displaced avulsion fracture of right ilium, initial encounter for open fracture |
| S32.311D | Displaced avulsion fracture of right ilium, subsequent encounter for fracture with routine healing |
| S32.311G | Displaced avulsion fracture of right ilium, subsequent encounter for fracture with delayed healing |
| S32.311K | Displaced avulsion fracture of right ilium, subsequent encounter for fracture with nonunion |
| S32.311S | Displaced avulsion fracture of right ilium, sequela |
| S32.312A | Displaced avulsion fracture of left ilium, initial encounter for closed fracture |
| S32.312B | Displaced avulsion fracture of left ilium, initial encounter for open fracture |
| S32.312D | Displaced avulsion fracture of left ilium, subsequent encounter for fracture with routine healing |
| S32.312G | Displaced avulsion fracture of left ilium, subsequent encounter for fracture with delayed healing |
| S32.312K | Displaced avulsion fracture of left ilium, subsequent encounter for fracture with nonunion |
| S32.312S | Displaced avulsion fracture of left ilium, sequela |
| S32.314A | Nondisplaced avulsion fracture of right ilium, initial encounter for closed fracture |
| S32.314B | Nondisplaced avulsion fracture of right ilium, initial encounter for open fracture |
| S32.314D | Nondisplaced avulsion fracture of right ilium, subsequent encounter for fracture with routine healing |
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| S32.314G | Nondisplaced avulsion fracture of right ilium, subsequent encounter for fracture with delayed healing |
| S32.314K | Nondisplaced avulsion fracture of right ilium, subsequent encounter for fracture with nonunion |
| S32.314S | Nondisplaced avulsion fracture of right ilium, sequela |
| S32.315A | Nondisplaced avulsion fracture of left ilium, initial encounter for closed fracture |
| S32.315B | Nondisplaced avulsion fracture of left ilium, initial encounter for open fracture |
| S32.315D | Nondisplaced avulsion fracture of left ilium, subsequent encounter for fracture with routine healing |
| S32.315G | Nondisplaced avulsion fracture of left ilium, subsequent encounter for fracture with delayed healing |
| S32.315K | Nondisplaced avulsion fracture of left ilium, subsequent encounter for fracture with nonunion |
| S32.315S | Nondisplaced avulsion fracture of left ilium, sequela |
| S32.391A | Other fracture of right ilium, initial encounter for closed fracture |
| S32.391B | Other fracture of right ilium, initial encounter for open fracture |
| S32.391D | Other fracture of right ilium, subsequent encounter for fracture with routine healing |
| S32.391G | Other fracture of right ilium, subsequent encounter for fracture with delayed healing |
| S32.391K | Other fracture of right ilium, subsequent encounter for fracture with nonunion |
| S32.391S | Other fracture of right ilium, sequela |
| S32.392A | Other fracture of left ilium, initial encounter for closed fracture |
| S32.392B | Other fracture of left ilium, initial encounter for open fracture |
| S32.392D | Other fracture of left ilium, subsequent encounter for fracture with routine healing |
| S32.392G | Other fracture of left ilium, subsequent encounter for fracture with delayed healing |
| S32.392K | Other fracture of left ilium, subsequent encounter for fracture with nonunion |
| S32.392S | Other fracture of left ilium, sequela |
| S32.401A | Unspecified fracture of right acetabulum, initial encounter for closed fracture |
| S32.401B | Unspecified fracture of right acetabulum, initial encounter for open fracture |
| S32.401D | Unspecified fracture of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.401G | Unspecified fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.401K | Unspecified fracture of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.401S | Unspecified fracture of right acetabulum, sequela |
| S32.402A | Unspecified fracture of left acetabulum, initial encounter for closed fracture |
| S32.402B | Unspecified fracture of left acetabulum, initial encounter for open fracture |
| S32.402D | Unspecified fracture of left acetabulum, subsequent encounter for fracture with routine healing |

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| S32.402G | Unspecified fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.402K | Unspecified fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.402S | Unspecified fracture of left acetabulum, sequela |
| S32.411A | Displaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture |
| S32.411B | Displaced fracture of anterior wall of right acetabulum, initial encounter for open fracture |
| S32.411D | Displaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.411G | Displaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.411K | Displaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.411S | Displaced fracture of anterior wall of right acetabulum, sequela |
| S32.412A | Displaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture |
| S32.412B | Displaced fracture of anterior wall of left acetabulum, initial encounter for open fracture |
| S32.412D | Displaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.412G | Displaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.412K | Displaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.412S | Displaced fracture of anterior wall of left acetabulum, sequela |
| S32.414A | Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture |
| S32.414B | Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for open fracture |
| S32.414D | Nondisplaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.414G | Nondisplaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.414K | Nondisplaced fracture of anterior wall of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.414S | Nondisplaced fracture of anterior wall of right acetabulum, sequela |
| S32.415A | Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture |
| S32.415B | Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for open fracture |
| S32.415D | Nondisplaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.415G | Nondisplaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with delayed healing |

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| S32.415K | Nondisplaced fracture of anterior wall of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.415S | Nondisplaced fracture of anterior wall of left acetabulum, sequela |
| S32.421A | Displaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture |
| S32.421B | Displaced fracture of posterior wall of right acetabulum, initial encounter for open fracture |
| S32.421D | Displaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.421G | Displaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.421K | Displaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.421S | Displaced fracture of posterior wall of right acetabulum, sequela |
| S32.422A | Displaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture |
| S32.422B | Displaced fracture of posterior wall of left acetabulum, initial encounter for open fracture |
| S32.422D | Displaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.422G | Displaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.422K | Displaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.422S | Displaced fracture of posterior wall of left acetabulum, sequela |
| S32.424A | Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture |
| S32.424B | Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for open fracture |
| S32.424D | Nondisplaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.424G | Nondisplaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.424K | Nondisplaced fracture of posterior wall of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.424S | Nondisplaced fracture of posterior wall of right acetabulum, sequela |
| S32.425A | Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture |
| S32.425B | Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for open fracture |
| S32.425D | Nondisplaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.425G | Nondisplaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.425K | Nondisplaced fracture of posterior wall of left acetabulum, subsequent encounter for fracture with nonunion |

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| S32.425S | Nondisplaced fracture of posterior wall of left acetabulum, sequela |
| S32.431A | Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture |
| S32.431B | Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture |
| S32.431D | Displaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.431G | Displaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.431K | Displaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.431S | Displaced fracture of anterior column [iliopubic] of right acetabulum, sequela |
| S32.432A | Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture |
| S32.432B | Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture |
| S32.432D | Displaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.432G | Displaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.432K | Displaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.432S | Displaced fracture of anterior column [iliopubic] of left acetabulum, sequela |
| S32.434A | Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture |
| S32.434B | Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture |
| S32.434D | Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.434G | Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.434K | Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.434S | Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, sequela |
| S32.435A | Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture |
| S32.435B | Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture |
| S32.435D | Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.435G | Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.435K | Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.435S | Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, sequela |

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| S32.441A | Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture |
| S32.441B | Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture |
| S32.441D | Displaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.441G | Displaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.441K | Displaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.441S | Displaced fracture of posterior column [ilioischial] of right acetabulum, sequela |
| S32.442A | Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture |
| S32.442B | Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture |
| S32.442D | Displaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.442G | Displaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.442K | Displaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.442S | Displaced fracture of posterior column [ilioischial] of left acetabulum, sequela |
| S32.444A | Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture |
| S32.444B | Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture |
| S32.444D | Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.444G | Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.444K | Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.444S | Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, sequela |
| S32.445A | Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture |
| S32.445B | Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture |
| S32.445D | Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.445G | Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.445K | Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.445S | Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, sequela |
| S32.451A | Displaced transverse fracture of right acetabulum, initial encounter for closed fracture |

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| S32.451B | Displaced transverse fracture of right acetabulum, initial encounter for open fracture |
| S32.451D | Displaced transverse fracture of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.451G | Displaced transverse fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.451K | Displaced transverse fracture of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.451S | Displaced transverse fracture of right acetabulum, sequela |
| S32.452A | Displaced transverse fracture of left acetabulum, initial encounter for closed fracture |
| S32.452B | Displaced transverse fracture of left acetabulum, initial encounter for open fracture |
| S32.452D | Displaced transverse fracture of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.452G | Displaced transverse fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.452K | Displaced transverse fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.452S | Displaced transverse fracture of left acetabulum, sequela |
| S32.454A | Nondisplaced transverse fracture of right acetabulum, initial encounter for closed fracture |
| S32.454B | Nondisplaced transverse fracture of right acetabulum, initial encounter for open fracture |
| S32.454D | Nondisplaced transverse fracture of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.454G | Nondisplaced transverse fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.454K | Nondisplaced transverse fracture of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.454S | Nondisplaced transverse fracture of right acetabulum, sequela |
| S32.455A | Nondisplaced transverse fracture of left acetabulum, initial encounter for closed fracture |
| S32.455B | Nondisplaced transverse fracture of left acetabulum, initial encounter for open fracture |
| S32.455D | Nondisplaced transverse fracture of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.455G | Nondisplaced transverse fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.455K | Nondisplaced transverse fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.455S | Nondisplaced transverse fracture of left acetabulum, sequela |
| S32.461A | Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture |
| S32.461B | Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture |
| | Displaced associated transverse-posterior fracture of right acetabulum, subsequent |

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| S32.461D | encounter for fracture with routine healing |
| S32.461G | Displaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.461K | Displaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.461S | Displaced associated transverse-posterior fracture of right acetabulum, sequela |
| S32.462A | Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture |
| S32.462B | Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture |
| S32.462D | Displaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.462G | Displaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.462K | Displaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.462S | Displaced associated transverse-posterior fracture of left acetabulum, sequela |
| S32.464A | Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture |
| S32.464B | Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture |
| S32.464D | Nondisplaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.464G | Nondisplaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.464K | Nondisplaced associated transverse-posterior fracture of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.464S | Nondisplaced associated transverse-posterior fracture of right acetabulum, sequela |
| S32.465A | Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture |
| S32.465B | Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture |
| S32.465D | Nondisplaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.465G | Nondisplaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.465K | Nondisplaced associated transverse-posterior fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.465S | Nondisplaced associated transverse-posterior fracture of left acetabulum, sequela |
| S32.471A | Displaced fracture of medial wall of right acetabulum, initial encounter for closed fracture |
| S32.471B | Displaced fracture of medial wall of right acetabulum, initial encounter for open fracture |
| S32.471D | Displaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with routine healing |

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| S32.471G | Displaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.471K | Displaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.471S | Displaced fracture of medial wall of right acetabulum, sequela |
| S32.472A | Displaced fracture of medial wall of left acetabulum, initial encounter for closed fracture |
| S32.472B | Displaced fracture of medial wall of left acetabulum, initial encounter for open fracture |
| S32.472D | Displaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.472G | Displaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.472K | Displaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.472S | Displaced fracture of medial wall of left acetabulum, sequela |
| S32.474A | Nondisplaced fracture of medial wall of right acetabulum, initial encounter for closed fracture |
| S32.474B | Nondisplaced fracture of medial wall of right acetabulum, initial encounter for open fracture |
| S32.474D | Nondisplaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.474G | Nondisplaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.474K | Nondisplaced fracture of medial wall of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.474S | Nondisplaced fracture of medial wall of right acetabulum, sequela |
| S32.475A | Nondisplaced fracture of medial wall of left acetabulum, initial encounter for closed fracture |
| S32.475B | Nondisplaced fracture of medial wall of left acetabulum, initial encounter for open fracture |
| S32.475D | Nondisplaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.475G | Nondisplaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.475K | Nondisplaced fracture of medial wall of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.475S | Nondisplaced fracture of medial wall of left acetabulum, sequela |
| S32.481A | Displaced dome fracture of right acetabulum, initial encounter for closed fracture |
| S32.481B | Displaced dome fracture of right acetabulum, initial encounter for open fracture |
| S32.481D | Displaced dome fracture of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.481G | Displaced dome fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| | Displaced dome fracture of right acetabulum, subsequent encounter for fracture |

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| S32.481K | with nonunion |
| S32.481S | Displaced dome fracture of right acetabulum, sequela |
| S32.482A | Displaced dome fracture of left acetabulum, initial encounter for closed fracture |
| S32.482B | Displaced dome fracture of left acetabulum, initial encounter for open fracture |
| S32.482D | Displaced dome fracture of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.482G | Displaced dome fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.482K | Displaced dome fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.482S | Displaced dome fracture of left acetabulum, sequela |
| S32.484A | Nondisplaced dome fracture of right acetabulum, initial encounter for closed fracture |
| S32.484B | Nondisplaced dome fracture of right acetabulum, initial encounter for open fracture |
| S32.484D | Nondisplaced dome fracture of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.484G | Nondisplaced dome fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.484K | Nondisplaced dome fracture of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.484S | Nondisplaced dome fracture of right acetabulum, sequela |
| S32.485A | Nondisplaced dome fracture of left acetabulum, initial encounter for closed fracture |
| S32.485B | Nondisplaced dome fracture of left acetabulum, initial encounter for open fracture |
| S32.485D | Nondisplaced dome fracture of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.485G | Nondisplaced dome fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.485K | Nondisplaced dome fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.485S | Nondisplaced dome fracture of left acetabulum, sequela |
| S32.491A | Other specified fracture of right acetabulum, initial encounter for closed fracture |
| S32.491B | Other specified fracture of right acetabulum, initial encounter for open fracture |
| S32.491D | Other specified fracture of right acetabulum, subsequent encounter for fracture with routine healing |
| S32.491G | Other specified fracture of right acetabulum, subsequent encounter for fracture with delayed healing |
| S32.491K | Other specified fracture of right acetabulum, subsequent encounter for fracture with nonunion |
| S32.491S | Other specified fracture of right acetabulum, sequela |
| S32.492A | Other specified fracture of left acetabulum, initial encounter for closed fracture |
| S32.492B | Other specified fracture of left acetabulum, initial encounter for open fracture |

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| S32.492D | Other specified fracture of left acetabulum, subsequent encounter for fracture with routine healing |
| S32.492G | Other specified fracture of left acetabulum, subsequent encounter for fracture with delayed healing |
| S32.492K | Other specified fracture of left acetabulum, subsequent encounter for fracture with nonunion |
| S32.492S | Other specified fracture of left acetabulum, sequela |
| S72.001A | Fracture of unspecified part of neck of right femur, initial encounter for closed fracture |
| S72.001B | Fracture of unspecified part of neck of right femur, initial encounter for open fracture type I or II |
| S72.001C | Fracture of unspecified part of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.001D | Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with routine healing |
| S72.001E | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.001F | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.001G | Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.001H | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.001J | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.001K | Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with nonunion |
| S72.001M | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.001N | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.001P | Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with malunion |
| S72.001Q | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.001R | Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.001S | Fracture of unspecified part of neck of right femur, sequela |
| S72.002A | Fracture of unspecified part of neck of left femur, initial encounter for closed fracture |
| S72.002B | Fracture of unspecified part of neck of left femur, initial encounter for open fracture type I or II |
| S72.002C | Fracture of unspecified part of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.002D | Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with routine healing |
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| S72.002E | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.002F | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.002G | Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.002H | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.002J | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.002K | Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with nonunion |
| S72.002M | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.002N | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.002P | Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with malunion |
| S72.002Q | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.002R | Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.002S | Fracture of unspecified part of neck of left femur, sequela |
| S72.011A | Unspecified intracapsular fracture of right femur, initial encounter for closed fracture |
| S72.011B | Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II |
| S72.011C | Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.011D | Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with routine healing |
| S72.011E | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.011F | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.011G | Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.011H | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.011J | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.011K | Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with nonunion |
| S72.011M | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.011N | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
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| S72.011P | Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with malunion |
| S72.011Q | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.011R | Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.011S | Unspecified intracapsular fracture of right femur, sequela |
| S72.012A | Unspecified intracapsular fracture of left femur, initial encounter for closed fracture |
| S72.012B | Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II |
| S72.012C | Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.012D | Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with routine healing |
| S72.012E | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.012F | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.012G | Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.012H | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.012J | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.012K | Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with nonunion |
| S72.012M | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.012N | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.012P | Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with malunion |
| S72.012Q | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.012R | Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.012S | Unspecified intracapsular fracture of left femur, sequela |
| S72.021A | Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture |
| S72.021B | Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II |
| S72.021C | Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.021D | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with routine healing |
| S72.021E | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent |

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| | encounter for open fracture type I or II with routine healing |
| S72.021F | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.021G | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.021H | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.021J | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.021K | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion |
| S72.021M | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.021N | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.021P | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with malunion |
| S72.021Q | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.021R | Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.021S | Displaced fracture of epiphysis (separation) (upper) of right femur, sequela |
| S72.022A | Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture |
| S72.022B | Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II |
| S72.022C | Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.022D | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with routine healing |
| S72.022E | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.022F | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.022G | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.022H | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.022J | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.022K | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion |
| S72.022M | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.022N | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
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| S72.022P | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with malunion |
| S72.022Q | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.022R | Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.022S | Displaced fracture of epiphysis (separation) (upper) of left femur, sequela |
| S72.024A | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture |
| S72.024B | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II |
| S72.024C | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.024D | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with routine healing |
| S72.024E | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.024F | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.024G | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.024H | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.024J | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.024K | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion |
| S72.024M | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.024N | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.024P | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with malunion |
| S72.024Q | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.024R | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.024S | Nondisplaced fracture of epiphysis (separation) (upper) of right femur, sequela |
| S72.025A | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture |
| S72.025B | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II |
| S72.025C | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.025D | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with routine healing |
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| S72.025E | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.025F | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.025G | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.025H | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.025J | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.025K | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion |
| S72.025M | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.025N | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.025P | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with malunion |
| S72.025Q | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.025R | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.025S | Nondisplaced fracture of epiphysis (separation) (upper) of left femur, sequela |
| S72.031A | Displaced midcervical fracture of right femur, initial encounter for closed fracture |
| S72.031B | Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II |
| S72.031C | Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.031D | Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with routine healing |
| S72.031E | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.031F | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.031G | Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.031H | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.031J | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.031K | Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with nonunion |
| S72.031M | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.031N | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
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| S72.031P | Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with malunion |
| S72.031Q | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.031R | Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.031S | Displaced midcervical fracture of right femur, sequela |
| S72.032A | Displaced midcervical fracture of left femur, initial encounter for closed fracture |
| S72.032B | Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II |
| S72.032C | Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.032D | Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with routine healing |
| S72.032E | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.032F | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.032G | Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.032H | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.032J | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.032K | Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion |
| S72.032M | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.032N | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.032P | Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with malunion |
| S72.032Q | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.032R | Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.032S | Displaced midcervical fracture of left femur, sequela |
| S72.034A | Nondisplaced midcervical fracture of right femur, initial encounter for closed fracture |
| S72.034B | Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II |
| S72.034C | Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.034D | Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with routine healing |
| S72.034E | Nondisplaced midcervical fracture of right femur, subsequent encounter for open |

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| | fracture type I or II with routine healing |
| S72.034F | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.034G | Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.034H | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.034J | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.034K | Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with nonunion |
| S72.034M | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.034N | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.034P | Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with malunion |
| S72.034Q | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.034R | Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.034S | Nondisplaced midcervical fracture of right femur, sequela |
| S72.035A | Nondisplaced midcervical fracture of left femur, initial encounter for closed fracture |
| S72.035B | Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II |
| S72.035C | Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.035D | Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with routine healing |
| S72.035E | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.035F | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.035G | Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.035H | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.035J | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.035K | Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion |
| S72.035M | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.035N | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.035P | Nondisplaced midcervical fracture of left femur, subsequent encounter for closed |

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| | fracture with malunion |
| S72.035Q | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.035R | Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.035S | Nondisplaced midcervical fracture of left femur, sequela |
| S72.041A | Displaced fracture of base of neck of right femur, initial encounter for closed fracture |
| S72.041B | Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II |
| S72.041C | Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.041D | Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with routine healing |
| S72.041E | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.041F | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.041G | Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.041H | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.041J | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.041K | Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion |
| S72.041M | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.041N | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.041P | Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with malunion |
| S72.041Q | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.041R | Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.041S | Displaced fracture of base of neck of right femur, sequela |
| S72.042A | Displaced fracture of base of neck of left femur, initial encounter for closed fracture |
| S72.042B | Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II |
| S72.042C | Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.042D | Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with routine healing |
| S72.042E | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with routine healing |

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| S72.042F | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.042G | Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.042H | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.042J | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.042K | Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion |
| S72.042M | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.042N | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.042P | Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with malunion |
| S72.042Q | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.042R | Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.042S | Displaced fracture of base of neck of left femur, sequela |
| S72.044A | Nondisplaced fracture of base of neck of right femur, initial encounter for closed fracture |
| S72.044B | Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II |
| S72.044C | Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.044D | Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with routine healing |
| S72.044E | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.044F | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.044G | Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.044H | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.044J | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.044K | Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion |
| S72.044M | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.044N | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.044P | Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with malunion |

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| S72.044Q | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.044R | Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.044S | Nondisplaced fracture of base of neck of right femur, sequela |
| S72.045A | Nondisplaced fracture of base of neck of left femur, initial encounter for closed fracture |
| S72.045B | Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II |
| S72.045C | Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.045D | Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with routine healing |
| S72.045E | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.045F | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.045G | Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.045H | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.045J | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.045K | Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion |
| S72.045M | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.045N | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.045P | Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with malunion |
| S72.045Q | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.045R | Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.045S | Nondisplaced fracture of base of neck of left femur, sequela |
| S72.051A | Unspecified fracture of head of right femur, initial encounter for closed fracture |
| S72.051B | Unspecified fracture of head of right femur, initial encounter for open fracture type I or II |
| S72.051C | Unspecified fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.051D | Unspecified fracture of head of right femur, subsequent encounter for closed fracture with routine healing |
| S72.051E | Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with routine healing |
| | Unspecified fracture of head of right femur, subsequent encounter for open fracture |

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| S72.051F | type IIIA, IIIB, or IIIC with routine healing |
| S72.051G | Unspecified fracture of head of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.051H | Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.051J | Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.051K | Unspecified fracture of head of right femur, subsequent encounter for closed fracture with nonunion |
| S72.051M | Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.051N | Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.051P | Unspecified fracture of head of right femur, subsequent encounter for closed fracture with malunion |
| S72.051Q | Unspecified fracture of head of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.051R | Unspecified fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.051S | Unspecified fracture of head of right femur, sequela |
| S72.052A | Unspecified fracture of head of left femur, initial encounter for closed fracture |
| S72.052B | Unspecified fracture of head of left femur, initial encounter for open fracture type I or II |
| S72.052C | Unspecified fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.052D | Unspecified fracture of head of left femur, subsequent encounter for closed fracture with routine healing |
| S72.052E | Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.052F | Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.052G | Unspecified fracture of head of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.052H | Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.052J | Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.052K | Unspecified fracture of head of left femur, subsequent encounter for closed fracture with nonunion |
| S72.052M | Unspecified fracture of head of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.052N | Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.052P | Unspecified fracture of head of left femur, subsequent encounter for closed fracture with malunion |
| | Unspecified fracture of head of left femur, subsequent encounter for open fracture |

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| S72.052Q | type I or II with malunion |
| S72.052R | Unspecified fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.052S | Unspecified fracture of head of left femur, sequela |
| S72.061A | Displaced articular fracture of head of right femur, initial encounter for closed fracture |
| S72.061B | Displaced articular fracture of head of right femur, initial encounter for open fracture type I or II |
| S72.061C | Displaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.061D | Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with routine healing |
| S72.061E | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.061F | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.061G | Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.061H | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.061J | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.061K | Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with nonunion |
| S72.061M | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.061N | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.061P | Displaced articular fracture of head of right femur, subsequent encounter for closed fracture with malunion |
| S72.061Q | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.061R | Displaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.061S | Displaced articular fracture of head of right femur, sequela |
| S72.062A | Displaced articular fracture of head of left femur, initial encounter for closed fracture |
| S72.062B | Displaced articular fracture of head of left femur, initial encounter for open fracture type I or II |
| S72.062C | Displaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.062D | Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with routine healing |
| S72.062E | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.062F | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |

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| S72.062G | Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.062H | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.062J | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.062K | Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with nonunion |
| S72.062M | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.062N | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.062P | Displaced articular fracture of head of left femur, subsequent encounter for closed fracture with malunion |
| S72.062Q | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.062R | Displaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.062S | Displaced articular fracture of head of left femur, sequela |
| S72.064A | Nondisplaced articular fracture of head of right femur, initial encounter for closed fracture |
| S72.064B | Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type I or II |
| S72.064C | Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.064D | Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with routine healing |
| S72.064E | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.064F | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.064G | Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.064H | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.064J | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.064K | Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with nonunion |
| S72.064M | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.064N | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.064P | Nondisplaced articular fracture of head of right femur, subsequent encounter for closed fracture with malunion |
| S72.064Q | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type I or II with malunion |

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| S72.064R | Nondisplaced articular fracture of head of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.064S | Nondisplaced articular fracture of head of right femur, sequela |
| S72.065A | Nondisplaced articular fracture of head of left femur, initial encounter for closed fracture |
| S72.065B | Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type I or II |
| S72.065C | Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.065D | Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with routine healing |
| S72.065E | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.065F | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.065G | Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.065H | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.065J | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.065K | Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with nonunion |
| S72.065M | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.065N | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.065P | Nondisplaced articular fracture of head of left femur, subsequent encounter for closed fracture with malunion |
| S72.065Q | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.065R | Nondisplaced articular fracture of head of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.065S | Nondisplaced articular fracture of head of left femur, sequela |
| S72.091A | Other fracture of head and neck of right femur, initial encounter for closed fracture |
| S72.091B | Other fracture of head and neck of right femur, initial encounter for open fracture type I or II |
| S72.091C | Other fracture of head and neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.091D | Other fracture of head and neck of right femur, subsequent encounter for closed fracture with routine healing |
| S72.091E | Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.091F | Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |

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| S72.091G | Other fracture of head and neck of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.091H | Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.091J | Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.091K | Other fracture of head and neck of right femur, subsequent encounter for closed fracture with nonunion |
| S72.091M | Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.091N | Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.091P | Other fracture of head and neck of right femur, subsequent encounter for closed fracture with malunion |
| S72.091Q | Other fracture of head and neck of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.091R | Other fracture of head and neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.091S | Other fracture of head and neck of right femur, sequela |
| S72.092A | Other fracture of head and neck of left femur, initial encounter for closed fracture |
| S72.092B | Other fracture of head and neck of left femur, initial encounter for open fracture type I or II |
| S72.092C | Other fracture of head and neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.092D | Other fracture of head and neck of left femur, subsequent encounter for closed fracture with routine healing |
| S72.092E | Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.092F | Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.092G | Other fracture of head and neck of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.092H | Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.092J | Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.092K | Other fracture of head and neck of left femur, subsequent encounter for closed fracture with nonunion |
| S72.092M | Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.092N | Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.092P | Other fracture of head and neck of left femur, subsequent encounter for closed fracture with malunion |
| S72.092Q | Other fracture of head and neck of left femur, subsequent encounter for open fracture type I or II with malunion |
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| S72.092R | Other fracture of head and neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.092S | Other fracture of head and neck of left femur, sequela |
| S72.8X1A | Other fracture of right femur, initial encounter for closed fracture |
| S72.8X1B | Other fracture of right femur, initial encounter for open fracture type I or II |
| S72.8X1C | Other fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.8X1D | Other fracture of right femur, subsequent encounter for closed fracture with routine healing |
| S72.8X1E | Other fracture of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.8X1F | Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.8X1G | Other fracture of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.8X1H | Other fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.8X1J | Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.8X1K | Other fracture of right femur, subsequent encounter for closed fracture with nonunion |
| S72.8X1M | Other fracture of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.8X1N | Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.8X1P | Other fracture of right femur, subsequent encounter for closed fracture with malunion |
| S72.8X1Q | Other fracture of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.8X1R | Other fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.8X1S | Other fracture of right femur, sequela |
| S72.8X2A | Other fracture of left femur, initial encounter for closed fracture |
| S72.8X2B | Other fracture of left femur, initial encounter for open fracture type I or II |
| S72.8X2C | Other fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.8X2D | Other fracture of left femur, subsequent encounter for closed fracture with routine healing |
| S72.8X2E | Other fracture of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.8X2F | Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.8X2G | Other fracture of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.8X2H | Other fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing |

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| S72.8X2J | Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.8X2K | Other fracture of left femur, subsequent encounter for closed fracture with nonunion |
| S72.8X2M | Other fracture of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.8X2N | Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.8X2P | Other fracture of left femur, subsequent encounter for closed fracture with malunion |
| S72.8X2Q | Other fracture of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.8X2R | Other fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.8X2S | Other fracture of left femur, sequela |
| S72.91XA | Unspecified fracture of right femur, initial encounter for closed fracture |
| S72.91XB | Unspecified fracture of right femur, initial encounter for open fracture type I or II |
| S72.91XC | Unspecified fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.91XD | Unspecified fracture of right femur, subsequent encounter for closed fracture with routine healing |
| S72.91XE | Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.91XF | Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.91XG | Unspecified fracture of right femur, subsequent encounter for closed fracture with delayed healing |
| S72.91XH | Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.91XJ | Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.91XK | Unspecified fracture of right femur, subsequent encounter for closed fracture with nonunion |
| S72.91XM | Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.91XN | Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.91XP | Unspecified fracture of right femur, subsequent encounter for closed fracture with malunion |
| S72.91XQ | Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with malunion |
| S72.91XR | Unspecified fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.91XS | Unspecified fracture of right femur, sequela |
| S72.92XA | Unspecified fracture of left femur, initial encounter for closed fracture |
| S72.92XB | Unspecified fracture of left femur, initial encounter for open fracture type I or II |

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| S72.92XC | Unspecified fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC |
| S72.92XD | Unspecified fracture of left femur, subsequent encounter for closed fracture with routine healing |
| S72.92XE | Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with routine healing |
| S72.92XF | Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing |
| S72.92XG | Unspecified fracture of left femur, subsequent encounter for closed fracture with delayed healing |
| S72.92XH | Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing |
| S72.92XJ | Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing |
| S72.92XK | Unspecified fracture of left femur, subsequent encounter for closed fracture with nonunion |
| S72.92XM | Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with nonunion |
| S72.92XN | Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion |
| S72.92XP | Unspecified fracture of left femur, subsequent encounter for closed fracture with malunion |
| S72.92XQ | Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with malunion |
| S72.92XR | Unspecified fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion |
| S72.92XS | Unspecified fracture of left femur, sequela |
| S79.001A | Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture |
| S79.001D | Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with routine healing |
| S79.001G | Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with delayed healing |
| S79.001K | Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion |
| S79.001P | Unspecified physeal fracture of upper end of right femur, subsequent encounter for fracture with malunion |
| S79.001S | Unspecified physeal fracture of upper end of right femur, sequela |
| S79.002A | Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture |
| S79.002D | Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with routine healing |
| S79.002G | Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with delayed healing |
| S79.002K | Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion |

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| S79.002P | Unspecified physeal fracture of upper end of left femur, subsequent encounter for fracture with malunion |
| S79.002S | Unspecified physeal fracture of upper end of left femur, sequela |
| S79.091A | Other physeal fracture of upper end of right femur, initial encounter for closed fracture |
| S79.091D | Other physeal fracture of upper end of right femur, subsequent encounter for fracture with routine healing |
| S79.091G | Other physeal fracture of upper end of right femur, subsequent encounter for fracture with delayed healing |
| S79.091K | Other physeal fracture of upper end of right femur, subsequent encounter for fracture with nonunion |
| S79.091P | Other physeal fracture of upper end of right femur, subsequent encounter for fracture with malunion |
| S79.091S | Other physeal fracture of upper end of right femur, sequela |
| S79.092A | Other physeal fracture of upper end of left femur, initial encounter for closed fracture |
| S79.092D | Other physeal fracture of upper end of left femur, subsequent encounter for fracture with routine healing |
| S79.092G | Other physeal fracture of upper end of left femur, subsequent encounter for fracture with delayed healing |
| S79.092K | Other physeal fracture of upper end of left femur, subsequent encounter for fracture with nonunion |
| S79.092P | Other physeal fracture of upper end of left femur, subsequent encounter for fracture with malunion |
| S79.092S | Other physeal fracture of upper end of left femur, sequela |
| T84.010A | Broken internal right hip prosthesis, initial encounter |
| T84.010D | Broken internal right hip prosthesis, subsequent encounter |
| T84.010S | Broken internal right hip prosthesis, sequela |
| T84.011A | Broken internal left hip prosthesis, initial encounter |
| T84.011D | Broken internal left hip prosthesis, subsequent encounter |
| T84.011S | Broken internal left hip prosthesis, sequela |
| T84.020A | Dislocation of internal right hip prosthesis, initial encounter |
| T84.020D | Dislocation of internal right hip prosthesis, subsequent encounter |
| T84.020S | Dislocation of internal right hip prosthesis, sequela |
| T84.021A | Dislocation of internal left hip prosthesis, initial encounter |
| T84.021D | Dislocation of internal left hip prosthesis, subsequent encounter |
| T84.021S | Dislocation of internal left hip prosthesis, sequela |
| T84.030A | Mechanical loosening of internal right hip prosthetic joint, initial encounter |
| T84.030D | Mechanical loosening of internal right hip prosthetic joint, subsequent encounter |
| T84.030S | Mechanical loosening of internal right hip prosthetic joint, sequela |
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| T84.031A | Mechanical loosening of internal left hip prosthetic joint, initial encounter |
| T84.031D | Mechanical loosening of internal left hip prosthetic joint, subsequent encounter |
| T84.031S | Mechanical loosening of internal left hip prosthetic joint, sequela |
| T84.050A | Periprosthetic osteolysis of internal prosthetic right hip joint, initial encounter |
| T84.050D | Periprosthetic osteolysis of internal prosthetic right hip joint, subsequent encounter |
| T84.050S | Periprosthetic osteolysis of internal prosthetic right hip joint, sequela |
| T84.051A | Periprosthetic osteolysis of internal prosthetic left hip joint, initial encounter |
| T84.051D | Periprosthetic osteolysis of internal prosthetic left hip joint, subsequent encounter |
| T84.051S | Periprosthetic osteolysis of internal prosthetic left hip joint, sequela |
| T84.060A | Wear of articular bearing surface of internal prosthetic right hip joint, initial encounter |
| T84.060D | Wear of articular bearing surface of internal prosthetic right hip joint, subsequent encounter |
| T84.060S | Wear of articular bearing surface of internal prosthetic right hip joint, sequela |
| T84.061A | Wear of articular bearing surface of internal prosthetic left hip joint, initial encounter |
| T84.061D | Wear of articular bearing surface of internal prosthetic left hip joint, subsequent encounter |
| T84.061S | Wear of articular bearing surface of internal prosthetic left hip joint, sequela |
| T84.090A | Other mechanical complication of internal right hip prosthesis, initial encounter |
| T84.090D | Other mechanical complication of internal right hip prosthesis, subsequent encounter |
| T84.090S | Other mechanical complication of internal right hip prosthesis, sequela |
| T84.091A | Other mechanical complication of internal left hip prosthesis, initial encounter |
| T84.091D | Other mechanical complication of internal left hip prosthesis, subsequent encounter |
| T84.091S | Other mechanical complication of internal left hip prosthesis, sequela |
| T84.51XA | Infection and inflammatory reaction due to internal right hip prosthesis, initial encounter |
| T84.51XD | Infection and inflammatory reaction due to internal right hip prosthesis, subsequent encounter |
| T84.51XS | Infection and inflammatory reaction due to internal right hip prosthesis, sequela |
| T84.52XA | Infection and inflammatory reaction due to internal left hip prosthesis, initial encounter |
| T84.52XD | Infection and inflammatory reaction due to internal left hip prosthesis, subsequent encounter |
| T84.52XS | Infection and inflammatory reaction due to internal left hip prosthesis, sequela |
| Z47.32 | Aftercare following explantation of hip joint prosthesis |
| Z89.621 | Acquired absence of right hip joint |
| Z89.622 | Acquired absence of left hip joint |

ICD-10 Codes that DO NOT Support Medical Necessity

N/A

ICD-10 Additional Information

- General Information

Associated Information

Documentation Requirements

In order to qualify for coverage of both Medicare Part A inpatient services and Part B provider services the medical record must contain documentation that fully supports the medical necessity and justification of the procedure performed and must be made available to Noridian upon request. When the documentation does not meet the criteria for the service(s) rendered or the documentation does not establish the medical necessity for the service(s), such service(s) will be denied as not reasonable and necessary.

A history and physical, discharge summary, physician progress notes and an operative report are typically in the hospital record for the procedures in this LCD. Other relevant information addressing coverage criteria related to the patient's episode of care prior to the hospitalization, should be included in the hospital record (see below). Failure to include this information in the hospital record may result in denial of coverage for Part A services and trigger a review of the Part B provider claim to determine whether the Part B service rendered was reasonable and necessary.

When the procedure is indicated for advanced joint disease, the following should be documented in the medical record:

- Arthritis of the hip supported by X-ray, MRI or CT. The X-ray, MRI or CT as medically necessary should demonstrate and the provider must document one or more of the following:

- a) subchondral cysts,
- b) subchondral sclerosis,
- c) periarticular osteophytes,
- d) joint subluxation,
- e) the degree of joint space narrowing,
- f) avascular necrosis or
- g) bone on bone articulations

- Pain or functional disability at the hip. Pain and/or functional disability should be described in context. For example, documented pain that interferes with ADLs (functional disability), or pain that is increased with initiation of activities or pain that increases with weight bearing.

- Unsuccessful conservative therapy (non-surgical medical management) if appropriate. The documentation should demonstrate a history of a reasonable attempt at conservative therapy as appropriate for the patient in his/her current episode of care. For example, documented trial of NSAIDs or contraindication to such therapy and/or documented supervised physical therapy. Documentation should support that ADLs are diminished due to pain and/or disability despite non-surgical medical management.

- For patients with significant conditions or co-morbidities, the risk/benefit of non-cardiac surgery, such as THA should be appropriately addressed in the medical record.

Medical record documentation for other THR/THA indications outlined in the LCD should include the following, when indicated:

- Supporting evidence (e.g., pathology reports and referral from an Oncologist for a malignancy of the joint or X-ray of a fracture).

- Pain at the hip when indicated as a reason for the procedure (e.g., for revision/replacement TKR/THA). For example, documented pain that interferes with ADLs (functional disability), pain that is increased with initiation of activities or pain that increases with weight bearing.

- For patients with significant conditions or co-morbidities, the risk/benefit of non-cardiac surgery, such as THR/THA should be appropriately addressed in the medical record.

- When infection is the reason for revision THR/THA surgery, laboratory and/or pathology reports must be in the medical record and all documentation regarding treatment of the infection and a physician note indicating that it is appropriate to proceed with surgery should be in the medical record as well.

In the instance that the patient is undergoing a bilateral hip replacement, all criteria listed above would apply to the bilateral surgery when indicated. The medical record should also support the medical necessity for performing a bilateral THR/THA.

The treating physician must discuss the significant benefit and risks with the patient. In order to meet Medicare's reasonable and necessary (R&N) threshold for coverage of a procedure, the physician's documentation for the case should clearly support both the diagnostic criteria for the indication (standard test results and/or clinical findings as applicable) and the medical need (the procedure does not exceed the medical need and is at least as beneficial as existing alternatives & the procedure is furnished with accepted standards of medical practice in a setting appropriate for the patient's medical needs and condition). **Lacking compelling arguments for an exception in the supporting documentation, the hospital and physician services can be denied.**

If in certain circumstances the patient does not meet all of the required criteria outlined in the local coverage determination (LCD) for a procedure, but the treating physician feels that the procedure is a covered procedure given the current standards of care, then the documentation must clearly outline the patient's episode of care that supports the major procedure and must clearly address the reason(s) for coverage. For example, if clinical findings (or lack of) for an indication are not consistent with the LCD criteria, it should be directly addressed in the pre-procedure documentation. For example, if certain conservative measures are not necessary or appropriate for a given patient, it should be directly noted in the pre-procedure documentation. The clinical judgment of the treating physician is always a consideration if clearly addressed in the pre-procedure record and if consistent with the episode of care for the patient as documented in patient records and claim history.

Review of the medical record must indicate that inpatient hospital care was medically necessary, reasonable, and appropriate for the diagnosis and condition of the beneficiary at any time during the stay. The beneficiary must demonstrate signs and/or symptoms severe enough to warrant the need for medical care and must receive services of such intensity that they can be furnished safely and effectively only on an inpatient basis.

Utilization Guidelines

It is expected that these services would be performed as indicated by current medical literature and/or standards of practice. When services are performed in excess of established parameters they may be subject to review for medical necessity.

The devices/implants utilized for total hip replacement surgeries are regulated by the FDA as medical devices. The devices used should be class II or class III devices that meet the requirements outlined in CFR 21, Chapter 1, subchapter H, Part 888.

Sources of Information and Basis for Decision

1. Ackerman IN, Bennell KL, Osborne RH. Decline in health-related quality of life reported by more than half of those waiting for joint replacement surgery: a prospective cohort study. *BMC Musculoskeletal Disorders*.2011;12:108.
2. InterQual® 2011 Procedures Adult Criteria, Total Joint Replacement, Knee and Hip & Removal and Replacement , Total Joint Replacement Knee and Hip. McKesson Corporation.
3. Milliman Care Guidelines® 2011. Inpatient and Surgical Care 15th Edition. Knee Arthroplasty and Hip Arthroplasty. Milliman Care Guidelines LLC.
4. National Guideline Clearinghouse. Osteoarthritis. The care and management of osteoarthritis in adults. Retrieved from <http://www.guideline.gov/content.aspx?id=14322&search=osteoarthritis.+the+care+and+management+of+osteoarthritis+in+adults>.
5. U.S. National Library of Medicine, National Institute of Health. Hip joint replacement. Retrieved from <http://www.nlm.nih.gov/medlineplus/ency/article/002975.htm>

- Revision History Information

| REVISION HISTORY DATE | REVISION HISTORY NUMBER | REVISION HISTORY EXPLANATION | REASON(S) FOR CHANGE |
|-----------------------|-------------------------|--|---|
| 10/01/2016 | R5 | Effective 09/07/2016 LCD revised to remove the following 7th character information from Paragraph 1 and added each appropriate 7th character to each of the appropriate diagnosis codes. The appropriate 7th character is to be added to each code from category M80 as well as to each code from subcategories M84.3, M84.4, M84.5 and M84.6 from the following list: | <ul style="list-style-type: none"> • Revisions Due To ICD-10-CM Code Changes |

- o A: initial encounter for fracture
- o D: subsequent encounter for fracture with routine healing
- o G: subsequent encounter for fracture with delayed healing
- o K: subsequent encounter for fracture with nonunion
- o P: subsequent encounter for fracture with malunion
- o S: sequela

The appropriate 7th character is to be added to each code from category **S32** from the following list:

- o A: initial encounter for closed fracture
- o B: initial encounter for open fracture
- o D: subsequent encounter for fracture with routine healing
- o G: subsequent encounter for fracture with delayed healing
- o K: subsequent encounter for fracture with nonunion
- o S: sequela

The appropriate 7th character is to be added to all of the codes from category **S72** from the following list:

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

The appropriate 7th character is to be added to each code from

subcategory **S79.0** from the following list:
o A: initial encounter for closed fracture
o D: subsequent encounter for fracture with routine healing
o G: subsequent encounter for fracture with delayed healing
o K: subsequent encounter for fracture with nonunion
o P: subsequent encounter for fracture with malunion
o S: sequela

The appropriate 7th character is to be added to each code from category **T84** from the following list:
o A: initial encounter
o D: subsequent encounter
o S: sequela

Effective 10/01/2016 ICD-10-CM codes were deleted The appropriate 7th character is to be added to each code from category **M80 as well as to each code from subcategories M84.3, M84.4, M84.5 and M84.6** from the following list:
o A: initial encounter for fracture
o D: subsequent encounter for fracture with routine healing
o G: subsequent encounter for fracture with delayed healing
o K: subsequent encounter for fracture with nonunion
o P: subsequent encounter for fracture with malunion
o S: sequela

The appropriate 7th character is to be added to each code from category **S32** from the following list:
o A: initial encounter for closed fracture
o B: initial encounter for open fracture
o D: subsequent encounter for fracture with routine healing
o G: subsequent encounter for fracture with delayed healing
o K: subsequent encounter for fracture with nonunion
o S: sequela

The appropriate 7th character is to be added to all of the codes from category **S72** from the following list:
o A: initial encounter for closed fracture
o B: initial encounter for open fracture type I or II initial encounter for open fracture NOS
o C: initial encounter for open fracture type IIIA, IIIB, or IIIC
o D: subsequent encounter for closed fracture with routine healing
o E: subsequent encounter for open fracture type I or II with routine healing
o F: subsequent encounter for open fracture type IIIA, IIIB, or

| | | | |
|------------|----|---|--|
| | | <p>IIIC with routine healing</p> <ul style="list-style-type: none"> o G: subsequent encounter for closed fracture with delayed healing o H: subsequent encounter for open fracture type I or II with delayed healing o J: subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing o K: subsequent encounter for closed fracture with nonunion o M: subsequent encounter for open fracture type I or II with nonunion o N: subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion o P: subsequent encounter for closed fracture with malunion o Q: subsequent encounter for open fracture type I or II with malunion o R: subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion o S: sequela <p>The appropriate 7th character is to be added to each code from subcategory S79.0 from the following list:</p> <ul style="list-style-type: none"> o A: initial encounter for closed fracture o D: subsequent encounter for fracture with routine healing o G: subsequent encounter for fracture with delayed healing o K: subsequent encounter for fracture with nonunion o P: subsequent encounter for fracture with malunion o S: sequela <p>The appropriate 7th character is to be added to each code from category T84 from the following list:</p> <ul style="list-style-type: none"> o A: initial encounter o D: subsequent encounter o S: sequela <p>Effective 10/01/2016 LCD revised to add ICD-10-CM codes M97.01XA, M97.01XD M9.01XS. M97.02XA, M97.02XD and M97.02XS.</p> <p>Effective 10/01/2016 deleted ICD-10 CM codes T84.040A, T84.040D, T84.040S, T87.041A, T84.041D & T84.041S</p> | |
| 09/07/2016 | R4 | R4 Update the Coverage Indications, Limitations & Medical Necessity and Associated Information sections and added ICD-10-CM codes Z47.32, Z89.621 and Z89.622 to the Group 1 diagnosis codes. | <ul style="list-style-type: none"> • Creation of Uniform LCDs With Other MAC Jurisdiction |
| 10/01/2015 | R3 | R3 LCD revised to add ICD-10-CM codes Z47.32, Z89.621 & Z89.622 to Group 1 & Z47.33, Z89.521 & Z89.522 to Group 2 in | <ul style="list-style-type: none"> • Reconsideration Request |

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|------------|----|--|--|
| | | the ICD-10-CM Codes that support Medical Necessity section of the policy. | |
| 10/01/2015 | R2 | This LCD revision is notice that M16.9 (Osteoarthritis of hip, unspecified) and M17.9 (Osteoarthritis of knee, unspecified) have been removed from the policy and replaced with other osteoarthritis of the hip and/or knee codes which specify laterality. Additionally, M88.861 (Osteitis deformans of right lower leg) and M88.862 (Osteitis deformans of left lower leg) have been removed as codes that support medical necessity for Total Hip Arthroplasty but have been added as codes that support medical necessity for Total Knee Arthroplasty. | <ul style="list-style-type: none"> Other (Removal of unspecified codes M16.9 and M17.9 and reassignment of M88.861 and M88.862 from Group 1 (Total Hip Arthroplasty) ICD-10 codes that support medical necessity to Group 2 (Total Knee Arthroplasty) codes.) |
| 10/01/2015 | R1 | The LCD was revised to add 261 covered ICD-10-CM codes and to provide code 7th character descriptors in the ICD-10 Codes that Support Medical Necessity Group Paragraph portions of the policy. Information in the Coverage Indications, Limitations and/or Medical Necessity and in the Documentation Requirements portions of the LCD was not changed. | <ul style="list-style-type: none"> Other (Addition of covered ICD-10-CM codes and code 7th character descriptors) |

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- Associated Documents

Attachments

N/A

Related Local Coverage Documents

Article(s)

A55072 - Response to Comments: Total Hip Arthroplasty

LCD(s)

DL34163 - (MCD Archive Site)

Related National Coverage Documents

N/A

Public Version(s)

Updated on 09/22/2016 with effective dates 10/01/2016 - N/A

Updated on 07/08/2016 with effective dates 09/07/2016 - 09/30/2016

Updated on 05/18/2016 with effective dates 10/01/2015 - 09/06/2016

Updated on 10/27/2015 with effective dates 10/01/2015 - N/A

Updated on 09/24/2015 with effective dates 10/01/2015 - N/A

Updated on 03/31/2014 with effective dates 10/01/2015 - N/A

- Keywords

- Total
- arthroplasty
- Hip
- 27130
- 27132
- 27134
- 27137
- 27138

