

27090-27091

- 27090** Removal of hip prosthesis; (separate procedure)
- 27091** Removal of hip prosthesis; complicated, including total hip prosthesis, methylmethacrylate with or without insertion of spacer

AMA Coding Guideline

Surgical Procedures on the Pelvis and Hip Joint

Including head and neck of femur.

Please see the Surgery Guidelines section for the following guidelines:

- *Surgical Procedures on the Musculoskeletal System*

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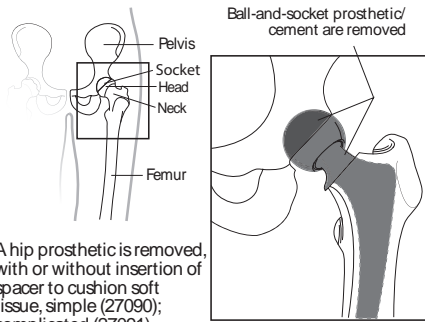
27090: Mar 20: 14

27091: Mar 20: 14

Plain English Description

The skin is incised over the old incision line along the lateral aspect of the hip and soft tissue is dissected to reach a previously implanted hip prosthesis. Extensive soft tissue release resulting from scar tissue formation may be required, including partial release of the psoas tendon, partial release of the gluteus maximus insertion, or release of the head of the rectus femoris. The hip is dislocated and the femoral head or femoral head prosthesis is exposed. To remove the acetabular component, the entire pseudocapsule is excised and the acetabular cup is removed. To remove the femoral component, any trochanteric overhang is removed using a high speed burr. Alternatively, a trochanteric osteotomy may be performed. The proximal aspect of the femoral stem is cleared of any visible bone cement or bony overgrowth. Depending on the type of prosthesis, the femoral component may be removed easily using traction or removal may require severing of fibrous or bony ingrowth into the prosthesis using flexible osteotomes or a small burr. Once the femoral component has been sufficiently loosened, it is extracted. The surgical sites are flushed with saline and/or antibiotic solution. Use 27090 for an uncomplicated removal of a hip prosthesis. Use 27091 for a complicated removal, which includes removal of both components of a total hip prosthesis, removal of bone cement (methylmethacrylate), and placement of a spacer when needed. A spacer is typically used when the hip joint has become infected, preventing immediate replacement of the total hip prosthesis.

Removal of total hip prosthesis



A hip prosthetic is removed, with or without insertion of spacer to cushion soft tissue, simple (27090); complicated (27091).

≈ Z96.643 Presence of artificial hip joint, bilateral

ICD-10-CM Coding Notes

For codes requiring a 7th character extension, refer to your ICD-10-CM book. Review the character descriptions and coding guidelines for proper selection. For some procedures, only certain characters will apply.

CCI Edits

Refer to Appendix A for CCI edits.

ICD-10-CM Diagnostic Codes

- ≈ M97.01 Periprosthetic fracture around internal prosthetic right hip joint
- ≈ M97.02 Periprosthetic fracture around internal prosthetic left hip joint
- ≈ T84.010 Broken internal right hip prosthesis
- ≈ T84.011 Broken internal left hip prosthesis
- ≈ T84.020 Dislocation of internal right hip prosthesis
- ≈ T84.021 Dislocation of internal left hip prosthesis
- ≈ T84.030 Mechanical loosening of internal right hip prosthetic joint
- ≈ T84.031 Mechanical loosening of internal left hip prosthetic joint
- ≈ T84.050 Periprosthetic osteolysis of internal prosthetic right hip joint
- ≈ T84.051 Periprosthetic osteolysis of internal prosthetic left hip joint
- ≈ T84.060 Wear of articular bearing surface of internal prosthetic right hip joint
- ≈ T84.061 Wear of articular bearing surface of internal prosthetic left hip joint
- ≈ T84.090 Other mechanical complication of internal right hip prosthesis
- ≈ T84.091 Other mechanical complication of internal left hip prosthesis
- ≈ T84.51 Infection and inflammatory reaction due to internal right hip prosthesis
- ≈ T84.52 Infection and inflammatory reaction due to internal left hip prosthesis
- ≈ T84.81 Embolism due to internal orthopedic prosthetic devices, implants and grafts
- ≈ T84.82 Fibrosis due to internal orthopedic prosthetic devices, implants and grafts
- ≈ T84.83 Hemorrhage due to internal orthopedic prosthetic devices, implants and grafts
- ≈ T84.84 Pain due to internal orthopedic prosthetic devices, implants and grafts
- ≈ T84.85 Stenosis due to internal orthopedic prosthetic devices, implants and grafts
- ≈ T84.86 Thrombosis due to internal orthopedic prosthetic devices, implants and grafts
- ≈ T84.89 Other specified complication of internal orthopedic prosthetic devices, implants and grafts
- ≈ Z96.641 Presence of right artificial hip joint
- ≈ Z96.642 Presence of left artificial hip joint

Facility RVUs

| Code | Work | PE Facility | MP | Total Facility |
|-------|-------|-------------|------|----------------|
| 27090 | 11.69 | 10.42 | 2.45 | 24.56 |
| 27091 | 24.35 | 17.51 | 5.13 | 46.99 |

Non-facility RVUs

| Code | Work | PE Non-Facility | MP | Total Non-Facility |
|-------|-------|-----------------|------|--------------------|
| 27090 | 11.69 | 10.42 | 2.45 | 24.56 |
| 27091 | 24.35 | 17.51 | 5.13 | 46.99 |

Modifiers (PAR)

| Code | Mod 50 | Mod 51 | Mod 62 | Mod 66 | Mod 80 |
|-------|--------|--------|--------|--------|--------|
| 27090 | 1 | 2 | 1 | 0 | 2 |
| 27091 | 1 | 2 | 1 | 0 | 2 |

Global Period

| Code | Days |
|-------|------|
| 27090 | 090 |
| 27091 | 090 |

27093-27095

27093 Injection procedure for hip arthrography; without anesthesia

(For radiological supervision and interpretation, use 73525. Do not report 77002 in conjunction with 73525)

27095 Injection procedure for hip arthrography; with anesthesia

(For radiological supervision and interpretation, use 73525. Do not report 77002 in conjunction with 73525)

AMA Coding Guideline

Surgical Procedures on the Pelvis and Hip Joint

Including head and neck of femur.

Please see the Surgery Guidelines section for the following guidelines:

- *Surgical Procedures on the Musculoskeletal System*

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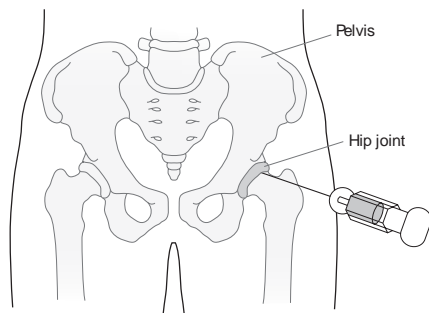
27093: Jun 12: 14, Aug 15: 6

27095: Jun 12: 14, Aug 15: 6, Jan 16: 11

Plain English Description

The skin over the injection site is cleansed and a local anesthetic injected. A needle may be inserted into the joint and fluid aspirated with a syringe. The radiopaque substance is then injected into the hip joint. The joint is exercised to help distribute the radiopaque substance. Once the radiopaque substance has been distributed throughout the joint, separately reportable radiographs are obtained. Use code 27093 if the procedure is performed without anesthesia; use 27095 if anesthesia is used.

Injection procedure for hip arthrography



For 27093, a special dye is injected into the hip joint capsule to show more detail on an X-ray. Code 27095 if the patient is given anesthesia.

ICD-10-CM Diagnostic Codes

- ≅ M12.251 Villonodular synovitis (pigmented), right hip
- ≅ M12.252 Villonodular synovitis (pigmented), 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
- 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
- ≅ M24.151 Other articular cartilage disorders, right hip
- ≅ M24.152 Other articular cartilage disorders, left hip
- ≅ M24.251 Disorder of ligament, right hip
- ≅ M24.252 Disorder of ligament, left hip
- ≅ M24.351 Pathological dislocation of right hip, not elsewhere classified
- ≅ M24.352 Pathological dislocation of left hip, not elsewhere classified
- ≅ M24.451 Recurrent dislocation, right hip
- ≅ M24.452 Recurrent dislocation, left hip
- M24.7 Protrusion 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
- ≅ M25.151 Fistula, right hip
- ≅ M25.152 Fistula, left hip
- ≅ 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
- M85.68 Other cyst of bone, other site
- ≅ M89.751 Major osseous defect, right pelvic region and thigh
- ≅ M89.752 Major osseous defect, left pelvic region and thigh
- M91.0 Juvenile osteochondrosis of pelvis
- ≅ S73.111 Iliofemoral ligament sprain of right hip
- ≅ S73.112 Iliofemoral ligament sprain of left hip
- ≅ S73.121 Ischiocapsular ligament sprain of right hip
- ≅ S73.122 Ischiocapsular ligament sprain of left hip
- ≅ S73.191 Other sprain of right hip
- ≅ S73.192 Other sprain of left hip

- ≅ T84.030 Mechanical loosening of internal right hip prosthetic joint
- ≅ T84.031 Mechanical loosening of internal left hip prosthetic joint
- ≅ T84.51 Infection and inflammatory reaction due to internal right hip prosthesis
- ≅ T84.52 Infection and inflammatory reaction due to internal left hip prosthesis
- ≅ T84.84 Pain due to internal orthopedic prosthetic devices, implants and grafts
- ≅ Z96.641 Presence of right artificial hip joint
- ≅ Z96.642 Presence of left artificial hip joint

ICD-10-CM Coding Notes

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CCI Edits

Refer to Appendix A for CCI edits.

Facility RVUs □

| Code | Work | PE Facility | MP | Total Facility |
|-------|------|-------------|------|----------------|
| 27093 | 1.30 | 0.56 | 0.13 | 1.99 |
| 27095 | 1.50 | 0.70 | 0.23 | 2.43 |

Non-facility RVUs □

| Code | Work | PE Non-Facility | MP | Total Non-Facility |
|-------|------|-----------------|------|--------------------|
| 27093 | 1.30 | 5.75 | 0.13 | 7.18 |
| 27095 | 1.50 | 8.00 | 0.23 | 9.73 |

Modifiers (PAR) □

| Code | Mod 50 | Mod 51 | Mod 62 | Mod 66 | Mod 80 |
|-------|--------|--------|--------|--------|--------|
| 27093 | 1 | 2 | 0 | 0 | 1 |
| 27095 | 1 | 2 | 0 | 0 | 1 |

Global Period

| Code | Days |
|-------|------|
| 27093 | 000 |
| 27095 | 000 |