Literature Search
ACR Appropriateness Criteria®
Imaging after Total Hip Arthroplasty

Literature Search Performed on: 08/26/2021
Beginning Date: January 2020
End Date: July 2021
Database: Ovid MEDLINE(R) ALL <1946 to August 25, 2021>

**Search Strategy**

1. Arthroplasty, Replacement, Hip/ or Hip Prosthesis/ or (Prosthesis Failure/ and hip.tw.) or (hip arthroplasty or hip replacement or trochanteric pain or trochanteric bursitis or abductor injury or abductor pain).tw. (52923)
2. (pain and (hip prosthe* or hip replacement or hip arthroplast*)).tw. (5827)
3. (anesthetic injection or corticosteroid injection or hip injection or steroid injection or intraarticular injection or periarticular injection or diagnostic injection or guided injection or bupivacaine).tw. (20232)
4. Anesthetics, Local/ or Injections, Intra-Articular/ or Bupivacaine/ (48472)
5. (1 or 2) and (3 or 4) (617)
6. limit 5 to (abstracts and english language and yr="2020 -Current") (62)
7. limit 6 to case reports (7)
8. 6 not 7 (55)

Literature Search Performed on: 08/25/2021
Beginning Date: January 2020
End Date: July 2021
Database: Ovid MEDLINE(R) ALL <1946 to August 24, 2021>

**Search Strategy**

1. (Asymptomatic or symptomatic or Pain or infection or trauma or injury or Trunnionosis or Bursitis or wear or loosening or osteolysis or fracture or failure or instability).tw. (3665559)
2. (hip arthroplasty or hip prosthe* or hip joint).tw. (38636)
3. (compute* tomography or ct or MRI or magnetic resonance imaging or xray or radiograph* or sodium fluoride pet or fluoride pet or ultrasound or ultrasonography or gallium or sulfur colloid or arthrogram or anesthetic injection or corticosteroid injection or hip injection).tw. (1327493)
4. (bone scan or bone scintigraphy or aspiration or white blood cell scan or labeled leukocyte scan or wbc scan or white blood cell imaging or labeled leukocyte imaging or wbc imaging).tw. (94755)
5. 3 or 4 (1393368)
6. 1 and 2 and 5 (5607)
7. Arthroplasty, Replacement, Hip/ or Hip Prosthesis/ (43392)
8. Prosthesis-Related Infections/ and (hip.tw. or Hip Joint/ or Hip Prosthesis/ or Hip/) (2735)
9. 5 and (7 or 8) (8390)
10. 6 or 9 (10489)
11. limit 10 to (abstracts and english language and humans and yr="2020 -Current") (705)
12. limit 11 to "all child (0 to 18 years)" (41)
13. 11 not 12 (664)
14. limit 13 to case reports (40)
15. 13 not 14 (624)
16. 15 not Treatment Outcome/ (458)

Literature Search Performed on: 02/24/2020
Beginning Date: January 2015
End Date: January 2020
Database: Ovid MEDLINE(R) ALL <1946 to February 21, 2020>

**Search Strategy**
References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.

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**Summary**

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References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.