Literature Search Performed on: 04/13/2021
Beginning Date: January 2017
End Date: March 2021
Database: Ovid MEDLINE(R) ALL <1946 to April 12, 2021>

Search Strategy
1  (Spect ct and (blood pool or shoulder or arthroplasty or Osteomyelitis)).tw. (181)
2  limit 1 to (abstracts and english language and yr="2017 -Current") (79)

Literature Search Performed on: 08/25/2020
Beginning Date: January 2017
End Date: July 2020
Database: Ovid MEDLINE(R) ALL <1946 to August 24, 2020>

Search Strategy
1  *Arthroplasty, Replacement, Shoulder/ (984)
2  *Body Mass Index/ (21134)
3  1 and 2 (4)
4  *Arthroplasty, Replacement, Shoulder/td (15)
5  Hemiarthroplasty/td (26)
6  4 and 5 (4)
7  (bone marrow edema and CT and occult fractures).tw. (6)
8  3 or 6 or 7 (14)
9  limit 8 to (abstracts and english language and yr="2017 -Current") (11)

Literature Search Performed on: 11/18/2019
Beginning Date: January 2015
End Date: October 2019
Database: Ovid MEDLINE(R) ALL <1946 to November 15, 2019>

Search Strategy
1  Shoulder joint/ and (Arthroplasty, Replacement/ or Joint Prosthesis/ or Joint Instability/ or Joint Prosthesis/ or Prosthesis-Related Infections/ or Prosthesis Failure/ or Postoperative Complications/ or Osteolysis/ or Pain, Postoperative/) (5685)
2  Rotator Cuff Injuries/ and (Arthroplasty, Replacement/ or Arthroplasty, Replacement/ or Prosthesis Failure/ or Prosthesis-Related Infections/ or Joint Instability/ or Pain, Postoperative/) (665)
3  Postoperative Complications/ and (Shoulder joint/ or Shoulder Prosthesis/ or Shoulder Impingement Syndrome/ or Arthroplasty, Replacement/ or Shoulder Pain/) (1596)
4  Arthroplasty, Replacement, Shoulder/ (874)
5  1 or 2 or 3 or 4 (7180)
6  exp Diagnostic Imaging/ (2575539)
7  5 and 6 (2157)
8  limit 7 to (abstracts and english language and yr="2015 -Current") (499)
9  (shoulder arthroplasty and imaging).tw. (146)
10  (prosthetic or prosthesis or shoulder arthroplasty).tw. (100818)
11  (radionuclide or nuclear medicine or Spect).tw. (62269)
12  10 and 11 (253)
13  9 or 12 (396)
14  limit 13 to (abstracts and english language and yr="2018 -Current") (72)
15  8 or 14 (562)
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.

### 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.