Literature Search
ACR Appropriateness Criteria®
Imaging After Shoulder Arthroplasty

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.

<table>
<thead>
<tr>
<th>Source</th>
<th>#Unique Refs</th>
<th>#Retained Refs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old bibliography</td>
<td>66</td>
<td>38</td>
</tr>
<tr>
<td>Literature Search(es)</td>
<td>539</td>
<td>19</td>
</tr>
<tr>
<td>Author Added</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>Supporting Docs</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>65</td>
</tr>
</tbody>
</table>

16 remove duplicates from 15 (560)