

**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>

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**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)

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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>

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**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)

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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>

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**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)

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16 remove duplicates from 15 (560)

**Summary**

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

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.