Literature Search

ACR Appropriateness Criteria®

Imaging After Shoulder Arthroplasty

Literature Search Performed on: 03/10/2025

Beginning Date: January 2018

End Date: February 2025

Database: Ovid MEDLINE(R) ALL <1946 to March 07, 2025>

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/) (7174)

2 Rotator Cuff Injuries/ and (Arthroplasty, Replacement/ or Arthroplasty, Replacement/ or Prosthesis Failure/ or Prosthesis-Related Infections/ or Joint Instability/ or Pain, Postoperative/) (813)

3 Postoperative Complications/ and (Shoulder joint/ or Shoulder Prosthesis/ or Shoulder Impingement Syndrome/ or Arthroplasty, Replacement/ or Shoulder Pain/ or Shoulder loosening/ or shoulder implant/) (1956)

4 Arthroplasty, Replacement, Shoulder/ (2884)

5 1 or 2 or 3 or 4 (10566)

6 exp diagnostic imaging/ (3033878)

7 Tomography, Emission-Computed, Single-Photon/ (33641)

8 Radionuclide Imaging/ (89801)

9 6 or 7 or 8 (3033878)

10 5 and 9 (2605)

11 (shoulder arthroplasty and imaging).ti. (25)

12 (shoulder prosthetic or shoulder prosthesis or shoulder arthroplasty).ti. (5208)

13 12 and 9 (742)

14 11 or 13 (753)

15 10 or 14 (2662)

16 limit 15 to (abstracts and english language and yr="2018 -Current") (631)

17 exp *adolescent/ or exp *child/ or exp *infant/ or (infant disease* or childhood disease*).ti,kf. or (adolescen* or babies or baby or boy? or boyfriend or boyhood or girlfriend or girlhood or child* or girl? or infan* or juvenil* or kid? or minors or minors* or neonat* or neo-nat* or newborn* or new-born* or paediatric* or peadiatric* or pediatric* or perinat* or preschool* or puber* or pubescen* or school* or teen* or toddler? or underage? or under-age? or youth*).ti,kf. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).jn,jw. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).in. (3453660)

18 16 not 17 (605)

19 ("case reports" or "clinical conference" or comment or congress or editorial or letter or news).pt. or ("case report*" or comment* or editorial or letter or news).ti. or ((protocol and (study or trial)) not ("therapy protocol*" or "treatment protocol*")).ti. (5025423)

20 18 not 19 (570)

21 ((animal or animals or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice or monkey or monkeys or mouse or murine or pig or piglet* or pigs or porcine or primate* or rabbit* or rat or rats or rodent* or sheep* or swine or veterinar* or (vitro not vivo)) not (human* or patient*)).ti,ab,kw. (3968579)

22 20 not 21 (560)

23 limit 22 to animals (2)

24 22 not 23 (558)

25 clinical protocols/ or Consensus/ or "Consensus Development Conference".pt. or "Consensus Development Conference, NIH".pt. or Consensus Development Conferences as Topic/ or Consensus Development Conferences, NIH as Topic/ or critical pathway/ or guidelines as topic/ or practice guidelines as topic/ or Health Planning Guidelines/ or practice guideline/ or (clinical adj3 pathway).ti,ab,kf. or (clinical adj3 pathways).ti,ab,kf. or (practice adj3 parameter).ti,ab,kf. or (practice adj3 parameters).ti,ab,kf. or algorithms/ or (care adj2 pathway).ti,ab,kf. or (care adj2 pathways).ti,ab,kf. or guidance.ti,ab. or guideline*.ti. (824367)

26 16 and 25 (22)

27 24 or 26 (559)

Summary

Literature Search

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Imaging After Shoulder Arthroplasty

Source	Excluded	Included in document	Included in Evidence Table
Old Bib	8	57	44
Lit Search 1,2,3...	542	10	9
Hand Search	NA	0	0
Author Added	NA	2	1
Guidance Documents	NA	0	0
Total	550	69	54

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.