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.

Literature Search

**ACR Appropriateness Criteria®**

**Inflammatory Back Pain: Known or Suspected Axial Spondyloarthropathy**

Literature Search Performed on: 02/21/2020
Beginning Date: January 2019
End Date: January 2020
Database: Ovid MEDLINE(R) ALL <1946 to February 20, 2020>

**Search Strategy**

1. exp Diagnostic Imaging/ and (Spondylitis, Ankylosing/ or Sacroiliitis/ or Spondylarthropathies/ or Spondylarthritis/)
   (4020)
2. Disease Progression/ and 1 (242)
3. limit 2 to (abstracts and english language and yr="2019 -Current") (10)
4. remove duplicates from 3 (10)

**Notes**
* = focus (limits search to those documents in which the subject heading is considered the major point of the article)

Literature Search Performed on: 11/01/2019
Beginning Date: January 2016
End Date: October 2019
Database: Ovid MEDLINE(R) ALL <1946 to October 31, 2019>

**Search Strategy**

1. Spondylitis, Ankylosing/dg or Sacroiliitis/dg or Spondylarthropathies/dg or Spondylarthritis/dg (2115)
2. back pain/ and (Spondylitis, Ankylosing/di or Spondylarthriti/di or Sacroiliitis/di or Spondylarthropathies/di or Arthritis, Rheumatoid/di or Arthritis, Psoriaticdi/ or Arthritis, Reactive/di) (222)
3. spine/ and (Spondylitis, Ankylosing/di or Spondylarthriti/di or Sacroiliitis/di or Spondylarthropathies/di or Arthritis, Rheumatoid/di or Arthritis, Psoriaticdi/ or Arthritis, Reactive/di) (241)
4. Sacroiliac Joint/ and (Spondylitis, Ankylosing/di or Spondylarthriti/di or Sacroiliitis/di or Spondylarthropathies/di or Arthritis, Rheumatoid/di or Arthritis, Psoriaticdi/ or Arthritis, Reactive/di) (426)
5. exp Diagnostic Imaging/ and (Spondylitis, Ankylosing/ or Sacroiliitis/ or Spondylarthropathies/ or Spondylarthritis/)
   (3950)
6. (spondyloarthritis and ASAS).tw. (454)
7. (spondyloarthritis and EMBARK).tw. (6)
8. (spondyloarthritis and guidelines).tw. (87)
9. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 (4672)
10. limit 9 to (abstracts and english language and yr="2016 -Current") (710)
11. limit 10 to case reports (58)
12. 10 not 11 (652)
13. remove duplicates from 12 (652)

**Summary**

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