Literature Search Performed on: 01/07/2020
Beginning Date: January 2010
End Date: December 2019
Database: Ovid MEDLINE(R) ALL <1946 to January 06, 2020>

**Search Strategy**

1. exp Diagnostic Imaging/ (2589499)
2. Osteomyelitis/ (20168)
3. Arthritis, Infectious/ (10613)
4. septic arthritis.mp. (5519)
5. septic arthrosis.mp. (4)
6. aspiration.mp. (82394)
7. hardware.mp. (21298)
8. 2 or 3 or 4 or 5 (31537)
9. 6 or 7 (103647)
10. 8 and 9 (730)
11. 1 and (8 or 10) (7669)
12. limit 11 to (guideline or meta analysis or practice guideline) (14)
13. limit 11 to "all child (0 to 18 years)" (3015)
14. 12 or 13 (3026)
15. limit 14 to (abstracts and english language and humans and yr="2010 -Current") (430)
16. limit 15 to case reports (217)
17. 15 not 16 (213)
18. remove duplicates from 17 (212)

**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.