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.

**Search Strategy**

1. breast cancer.mp. or *Breast Neoplasms*/ (341785)
2. (palpable breast mass or palpable breast masses).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (344)
3. breast mass*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (3284)
4. *Biopsy, Fine-Needle/ (3866)
5. exp Diagnostic Imaging/ (2637764)
6. Palpation/ or PALPABLE.mp. (24875)
7. 1 or 2 or 3 (342750)
8. 6 and 7 (4765)
9. 4 or 5 (2639922)
10. 8 and 9 (2614)
11. limit 10 to "all child (0 to 18 years)" (174)
12. 10 not 11 (2440)
13. limit 12 to (abstracts and english language and humans and yr="2016 -Current") (169)
14. limit 13 to case reports (21)
15. 13 not 14 (148)
16. remove duplicates from 15 (148)

**Summary**

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