

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Supplemental Breast Cancer Screening Based on Breast**  
**Density**

Literature Search Performed on: 08/19/2019

Beginning Date: January 2014

End Date: July 2019

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to August 16, 2019>

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**Search Strategy**

- 1 contrast-enhanced spectral mammography.ti. (74)
- 2 abbreviated breast MRI protocol.mp. (5)
- 3 abbreviated combined MR protocol.mp. (1)
- 4 abbreviated screening protocol for breast MRI.mp. (1)
- 5 abbreviated protocol for breast MRI.mp. (3)
- 6 interval breast cancers.ti. (58)
- 7 dense breasts.ti. (141)
- 8 screening ultrasonography.ti. (17)
- 9 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 (296)
- 10 limit 9 to (abstracts and english language and humans and yr="2014 -Current") (124)
- 11 limit 10 to "all child (0 to 18 years)" (1)
- 12 10 not 11 (123)
- 13 limit 12 to case reports (3)
- 14 12 not 13 (120)
- 15 remove duplicates from 14 (120)
- 16 contrast-enhanced spectral mammography.ti. (74)
- 17 abbreviated breast MRI protocol.mp. (5)
- 18 abbreviated combined MR protocol.mp. (1)
- 19 abbreviated screening protocol for breast MRI.mp. (1)
- 20 abbreviated protocol for breast MRI.mp. (3)
- 21 interval breast cancers.ti. (58)
- 22 dense breasts.ti. (141)
- 23 screening ultrasonography.ti. (17)
- 24 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 (296)
- 25 limit 24 to (abstracts and english language and humans and yr="2014 -Current") (124)
- 26 limit 25 to "all child (0 to 18 years)" (1)
- 27 25 not 26 (123)
- 28 limit 27 to case reports (3)
- 29 27 not 28 (120)
- 30 remove duplicates from 29 (120)

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Literature Search Performed on: 08/12/2019

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**Search Strategy**

- 1 Breast Neoplasms/ (273282)
- 2 Breast Density/ (710)
- 3 "Early Detection of Cancer"/ (21923)
- 4 exp Diagnostic Imaging/ (2548646)

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5 1 and 3 and 4 (2897)  
6 exp Technetium Tc 99m Sestamibi/ (5384)  
7 1 and 3 and 6 (7)  
8 Biopsy/ and Breast/ (2114)  
9 Mass Screening/mt [Methods] (30065)  
10 Breast/ (37929)  
11 Carcinoma, Intraductal, Noninfiltrating/ (9278)  
12 1 and 9 (2333)  
13 12 and (4 or 6) (1705)  
14 9 and 10 and (4 or 6) (162)  
15 2 or 5 or 7 or 8 or 13 or 14 (6808)  
16 limit 15 to (abstracts and english language and humans and yr="2014 -Current") (2278)  
17 limit 16 to female (2248)  
18 limit 17 to "all child (0 to 18 years)" (104)  
19 limit 17 to case reports (45)  
20 17 not (18 or 19) (2103)

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**Summary**

| Source                | #Unique Refs | #Retained Refs |
|-----------------------|--------------|----------------|
| Old bibliography      | 0            | 0              |
| Literature Search(es) | 2158         | 45             |
| Author Added          | 27           | 25             |
| Supporting Docs       | 2            | 2              |
| Total                 |              | 72             |

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.