Literature Search

ACR Appropriateness Criteria®

Breast Imaging During Pregnancy

Literature Search Performed on: 10/30/2023

Beginning Date: January 2015

End Date: September 2023

Database: Ovid MEDLINE(R) ALL <1946 to October 24, 2023>

Search Strategy

1 Pregnancy/ or pregnan*.tw. (1132586)

2 Breast Diseases/ or Breast Neoplasms/ (340720)

3 "Early Detection of Cancer"/ or Mass Screening/ or (screening adj3 breast).tw. (150436)

4 Risk/ or Risk Factors/ or high risk.tw. or high-risk.tw. (1366898)

5 Genes, Neoplasm/ or BRCA1.tw. or BRCA2.tw. or ATM.tw. or PALB2.tw. or TP53.tw. or CHEK2.tw. or PTEN.tw. or CDH1.tw. or STK11.tw. or family history.tw. or personal history.tw. or (history adj2 breast cancer).tw. (157658)

6 Mastodynia/ or mastalgia.tw. or breast pain.tw. or Palpation/ or palpable.tw. or palpable lump.tw. (29124)

7 "Exudates and Transudates"/ or Nipples/ or nipple discharge.tw. (17492)

8 Neoplasm Staging/ (193634)

9 Infections/ or Abscess/ (69932)

10 (palpable mass or breast mass or benign or suspicious or malignancy or BI-RADS).tw. (439597)

11 1 and (2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10) (129132)

12 exp Diagnostic Imaging/ (2930338)

13 11 and 12 (11186)

14 (pregnan* and breast and (screening or imaging)).tw. (830)

15 13 and 14 (177)

16 limit 15 to (abstracts and english language and humans and yr="2015 -Current") (73)

17 limit 16 to case reports (8)

18 16 not 17 (65)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	59	12
Literature Search(es)	64	7
Author Added	15	5
Supporting Docs	14	10
Total		34

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.