

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Imaging of Deep Inferior Epigastric Arteries for Surgical**  
**Planning (Breast Reconstruction Surgery)**

Literature Search Performed on: 11/06/2020

Beginning Date: January 2015

End Date: October 2020

Database: Ovid MEDLINE(R) ALL <1946 to October 29, 2020>

**Search Strategy**

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- 1 Epigastric Arteries/ (1248)
- 2 Mammoplasty/ (12251)
- 3 Perforator Flap/ (1806)
- 4 Free Tissue Flaps/ (4256)
- 5 deep inferior epigastric artery.mp. (617)
- 6 deep inferior epigastric arteries.mp. (20)
- 7 DIEP flap.mp. (893)
- 8 DIEP flaps.mp. (381)
- 9 deep inferior epigastric perforator flaps.tw. (84)
- 10 exp Diagnostic Imaging/ (2660645)
- 11 1 and (2 or 3 or 4) (612)
- 12 5 or 6 or 7 or 8 or 9 (1451)
- 13 10 and (11 or 12) (318)
- 14 limit 13 to (abstracts and english language and humans and yr="2015 -Current") (77)
- 15 limit 14 to "all child (0 to 18 years)" (2)
- 16 14 not 15 (75)
- 17 limit 16 to case reports (7)
- 18 16 not 17 (68)

**Summary**

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Source	#Unique Refs	#Retained Refs
Old bibliography	39	30
Literature Search(es)	68	17
Author Added	1	1
Supporting Docs	2	0
Total		48

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.