

Literature Search
ACR Appropriateness Criteria®

Imaging of Deep Inferior Epigastric Arteries for Surgical Planning (Breast Reconstruction Surgery)

Literature Search Performed on: September 30, 2015

Beginning Date: January 2004

End Date: September 2015

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily, Ovid MEDLINE(R) and Ovid OLDMEDLINE(R) <1946 to Present>

Search Strategy:

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- 1 Mammoplasty/ (10175)
 - 2 Epigastric Arteries/ (966)
 - 3 deep inferior epigastric artery.mp. (444)
 - 4 Perforator Flap/ (421)
 - 5 Free Tissue Flaps/ (1737)
 - 6 exp Diagnostic Imaging/ (1816732)
 - 7 1 and (2 or 3 or 4 or 5) (670)
 - 8 6 and 7 (183)
 - 9 Epigastric Arteries/ra, ri, tr, us [Radiography, Radionuclide Imaging, Transplantation, Ultrasonography] (377)
 - 10 8 or 9 (481)
 - 11 limit 10 to "all child (0 to 18 years)" (14)
 - 12 10 not 11 (467)
 - 13 limit 12 to (abstracts and english language and humans and yr="2004 -Current") (243)
 - 14 limit 13 to case reports (52)
 - 15 13 not 14 (191)
 - 16 remove duplicates from 15 (156)
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Literature Search Performed on: June 6, 2017

Beginning Date: January 2014

End Date: May 2017

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

Search Strategy:

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- 1 Mammoplasty/ (9607)
 - 2 Epigastric Arteries/ (1003)
 - 3 deep inferior epigastric artery.mp. (455)
 - 4 Perforator Flap/ (925)
 - 5 Free Tissue Flaps/ (2589)
 - 6 exp Diagnostic Imaging/ (2408565)
 - 7 1 and (2 or 3 or 4 or 5) (759)
 - 8 6 and 7 (209)
 - 9 Epigastric Arteries/ra, ri, tr, us [Radiography, Radionuclide Imaging, Transplantation, Ultrasonography] (231)
 - 10 8 or 9 (413)
 - 11 limit 10 to "all child (0 to 18 years)" (12)
 - 12 10 not 11 (401)
 - 13 limit 12 to (abstracts and English language and humans and yr="2014 -Current") (73)
 - 14 limit 13 to case reports (7)
 - 15 13 not 14 (66)
 - 16 remove duplicates from 15 (62)

Literature Search Summary

A literature search was conducted in September 2015 and updated in June 2017 to identify evidence for the *ACR Appropriateness Criteria® Imaging of Deep Inferior Epigastric Arteries for Surgical Planning (Breast Reconstruction Surgery)* topic. Using the search strategy described above, 218 articles were found. Thirty-seven articles were used in the topic. Nine articles were not used as they were duplicates captured in more than one literature search. The remaining articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, or the results were unclear or biased.

Two citations are supporting documents that were added by staff.