







Reconstructive Surgery with Free Flaps Following Mastectomy

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Objectives

1

Define and categorize Flaps

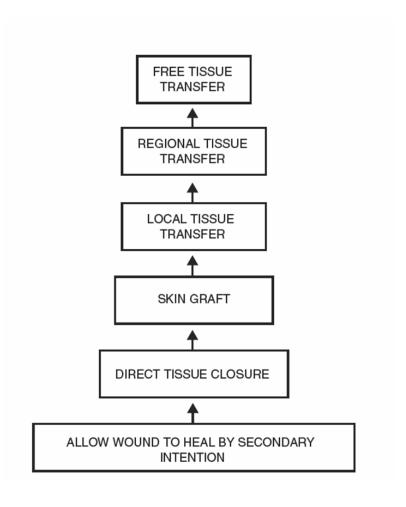
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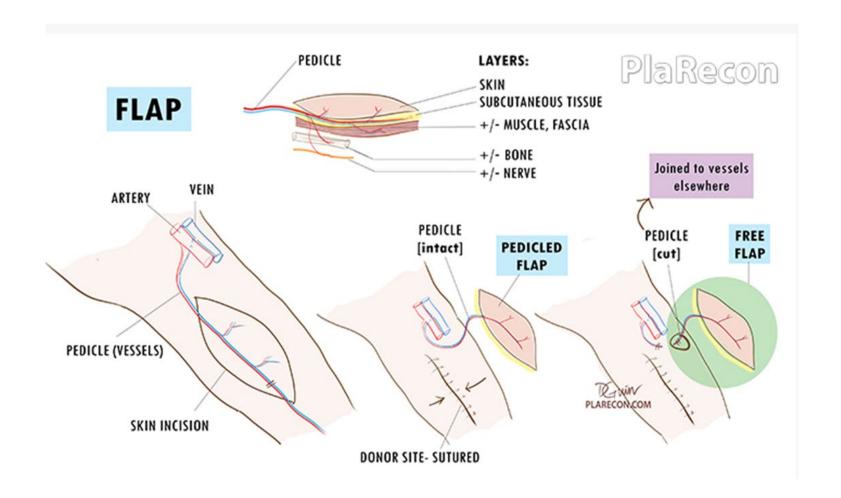
Understand the role of Flaps in autologous oncologic reconstruction

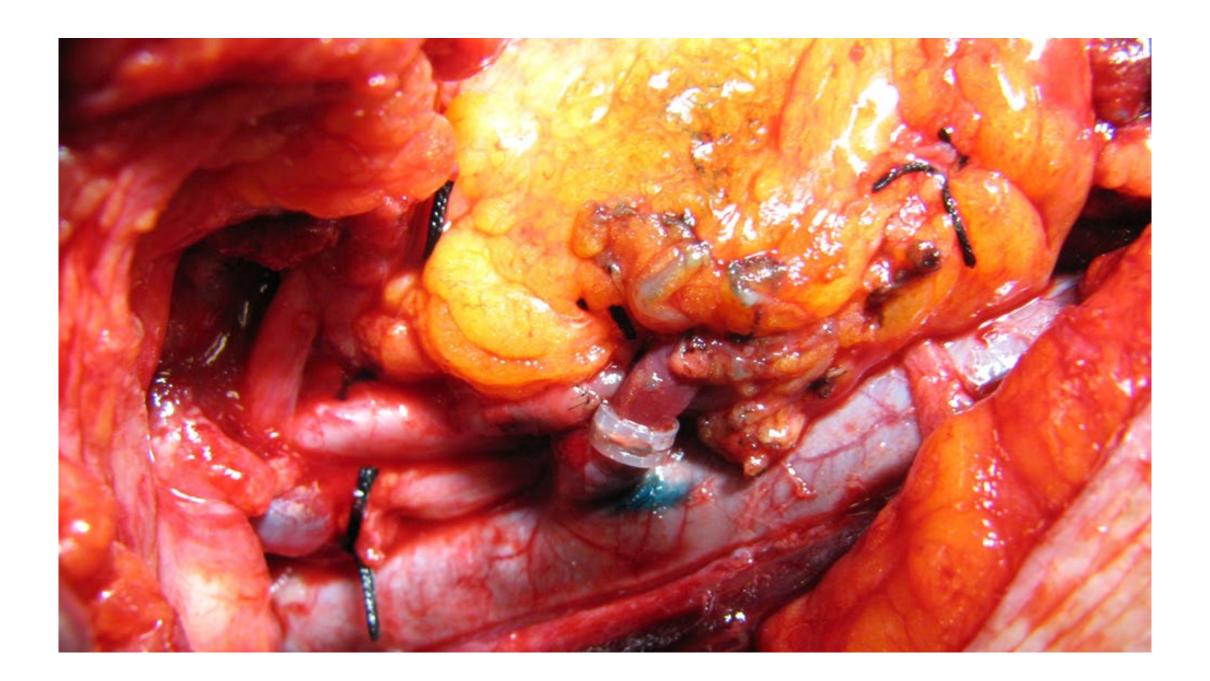
3

Discuss commonly used Free Flaps in Breast Reconstruction

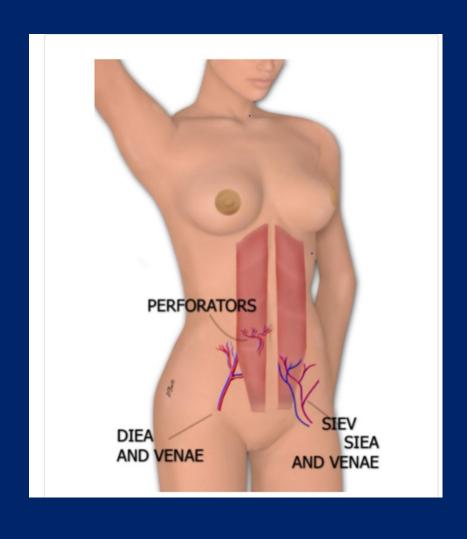
The Reconstructive Ladder

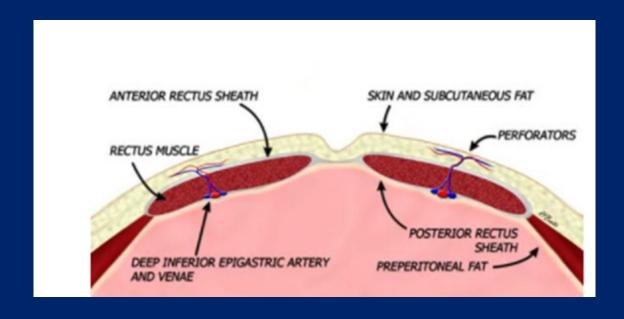




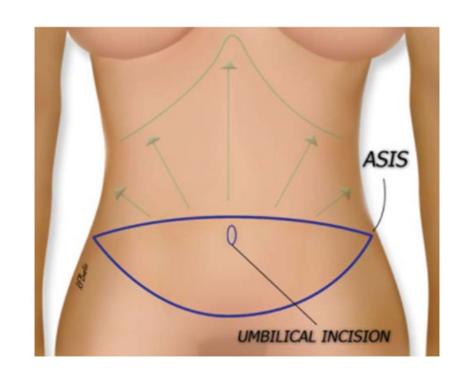


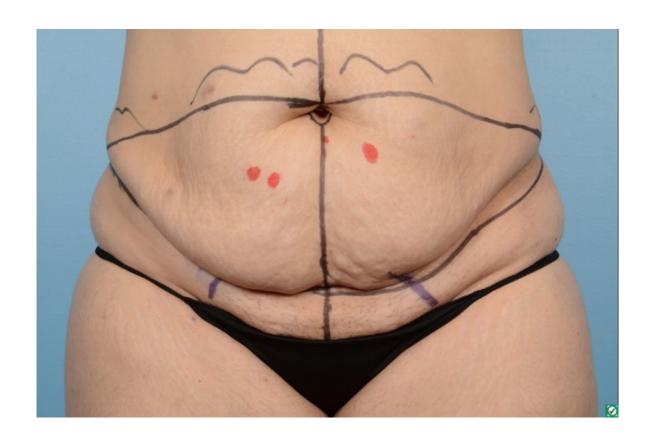
Deep Inferior Epigastric Perforator (DIEP) Flap



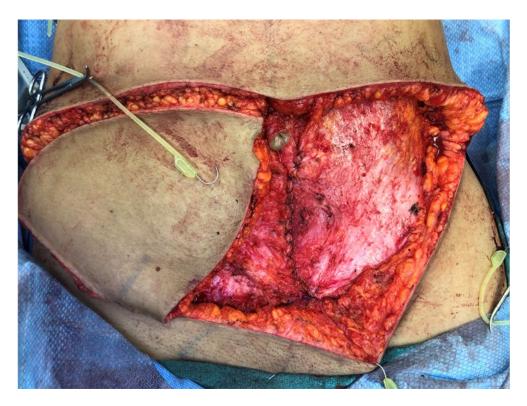


Pre-operative Markings





DIEP Flap



Diep Flap attached to abdominal donor site



Internal mammary recipient vessels

Post Operative results









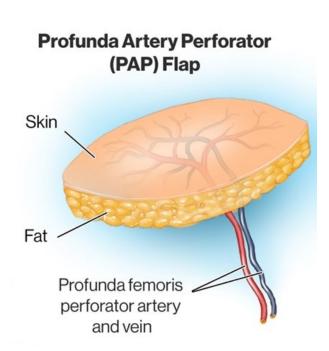
Thigh-Based Flaps

PAP Flap

Creating the PAP Flap

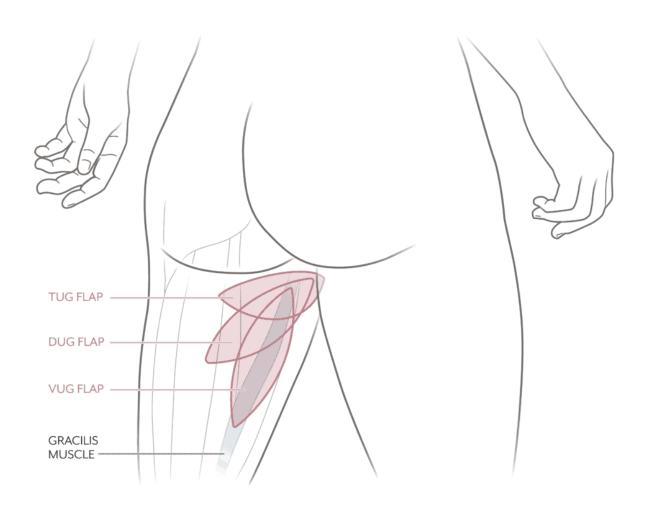
Skin, fat, and the perforator of the profunda femoris artery and veins

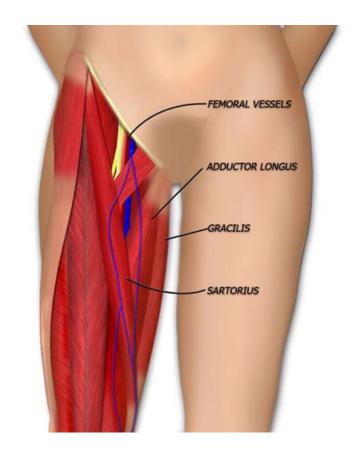






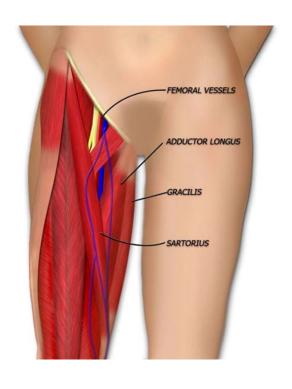
TUG/DUG/VUG Flaps





DUG Flap





Questions?

Citations

- 1. The Diagonal Upper Gracilis (DUG) Flap: A Safe and Improved Alternative to the TUG Flap Dayan, Erez MD; Smith, Mark L. MD; Sultan, Mark MD; Samson, William MD; Dayan, Joseph H. MD, Plastic and Reconstructive Surgery: October 2013 Volume 132 Issue 4S-1 p 33–34
- 2. Lau, Catherine K.. http://www.microsurgeon.org. Annals of Plastic Surgery: June 2009 Volume 62 Issue 6 p 600-601 doi: 10.1097/SAP.0b013e3181a6cbe9
- 3. Buntic R. Online atlas of microsurgery. The transverse upper gracilis (TUG) flap. https://www.microsurgeon.org/tugreconstruction. Accessed November 5, 2022.
- 4. Buntic R. Online atlas of microsurgery. The Deep Inferior Epigastric Perforator(DIEP) flap. https://www.microsurgeon.org/tugreconstruction. Accessed November 5, 2022.
- 5. Buntic R. Online atlas of microsurgery. The Profunda Artery Perforator(PAP) flap. https://www.microsurgeon.org/tugreconstruction. Accessed November 5, 2022.



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