

ULTIMATE

PLASTIC & RECONSTRUCTIVE SURGERY



Pre-pectoral Breast Reconstruction

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PRE-PECTORAL BREAST RECONSTRUCTION

Objectives

- Discuss St. Mary's Breast Program
- Discuss *Aesthetic Breast Reconstruction*
- Discuss Pre-pectoral Breast Reconstruction Technique

BREAST SURGERY 2018

AESTHETIC BREAST RECONSTRUCTION

- Breast Conservation Therapy (BCT)
- Oncoplastic Rearrangement
- Mastectomy
- Mastectomy and Reconstruction

IMPLANT POSITION IN BREAST RECONSTRUCTION

Subcutaneous



Total Submuscular



Sub-pectoral/
Dual Plane

Pre-pectoral
w/ ADM



Dual Plane
w/ ADM



PRE-PECTORAL POSITION

Rationale:

- Natural position of breast gland
- ADM used to mimic coverage and support of muscle
- Less morbidity from muscle elevation

PREREQUISITES FOR PRE-PECTORAL RECONSTRUCTION

- Acellular Derma Matrix (internal bra for support)
- Tissue perfusion assessment device (ensure viable skin flaps)
- Improved implant design (high cohesivity)
- Fat grafting viability (for soft tissue contour correction)

CONCLUSION

- Pre-pectoral reconstruction is next stage in evolution of implant based breast reconstruction
- Offers less pain, less morbidity, faster recovery, and no animation deformity
- Anatomically appropriate location for reconstruction