

### 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

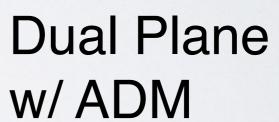
Subcutaneous



Total Submuscular



Sub-pectoral/ Dual Plane Pre-pectoral w/ ADM





### 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

