

Surgical Management of Breast Cancer

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Why Is Oncoplastics So Important?



Safe oncological
management of
Breast Cancer

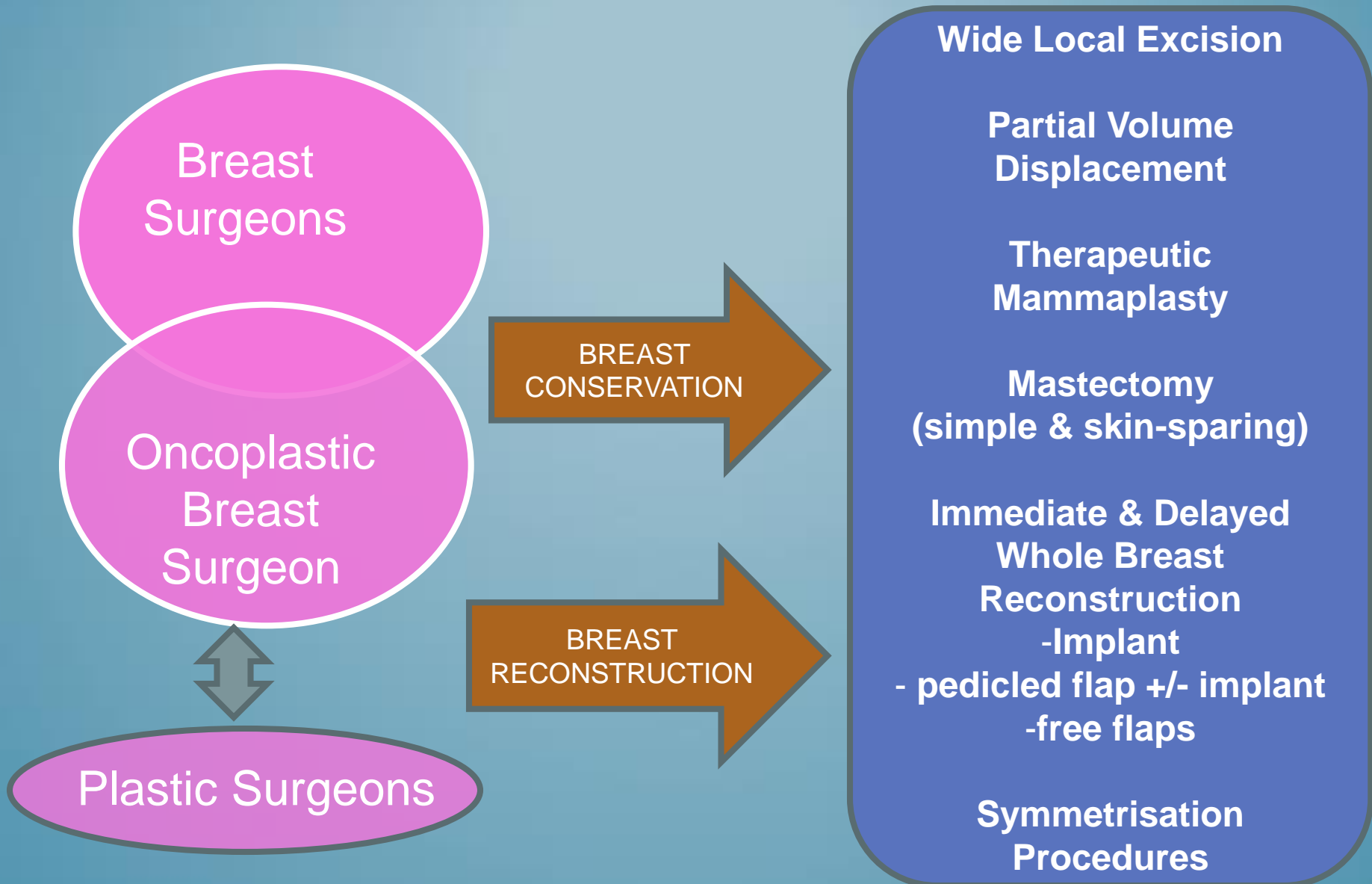


Aesthetic
Considerations

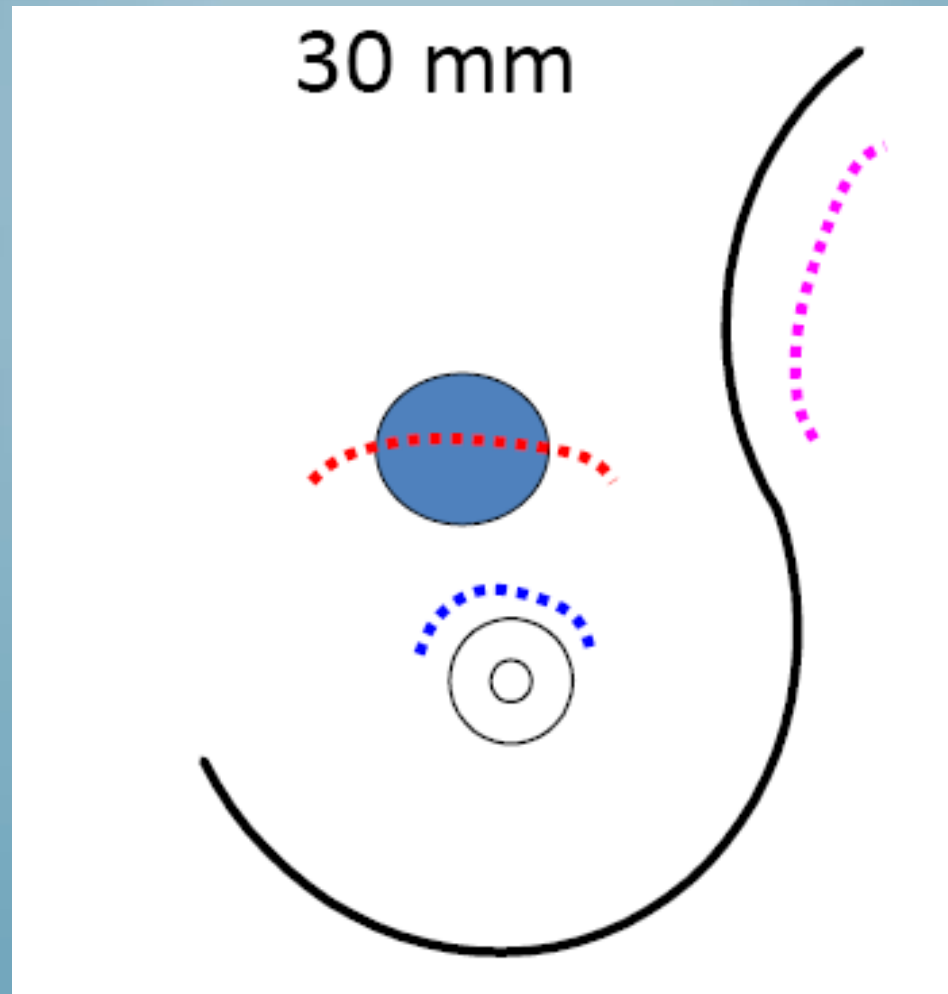


Oncoplastic
Breast
Surgery

Full Range Of Procedures Offered For All Patients



Incision Placement In Breast Conservation



Indications For Mastectomy:

- ***Patient choice!***
- **Multi-focal disease**
- **Contra-indication to radiotherapy**
- **‘Failed’ conservation surgery**
- **Risk Reduction**
- **Large tumour volume: breast volume**

RISK REDUCING MASTECTOMY:

- Test positive for a mutation in the BRCA 1/2 genes
- Strong family history of breast cancer without a positive genetic test
- Women undergoing mastectomy for cancer and wish to reduce their risk in the opposite breast

THERAPEUTIC MAMMOPLASTY

Breast reduction specimen includes the tumour



Other parts of the gland normally excised in the breast reduction can be used to replace large tumour defect



Leaving a **NORMAL SHAPED** but **SMALLER** breast

THERAPEUTIC MAMMOPLASTY



Additional Factors To Consider

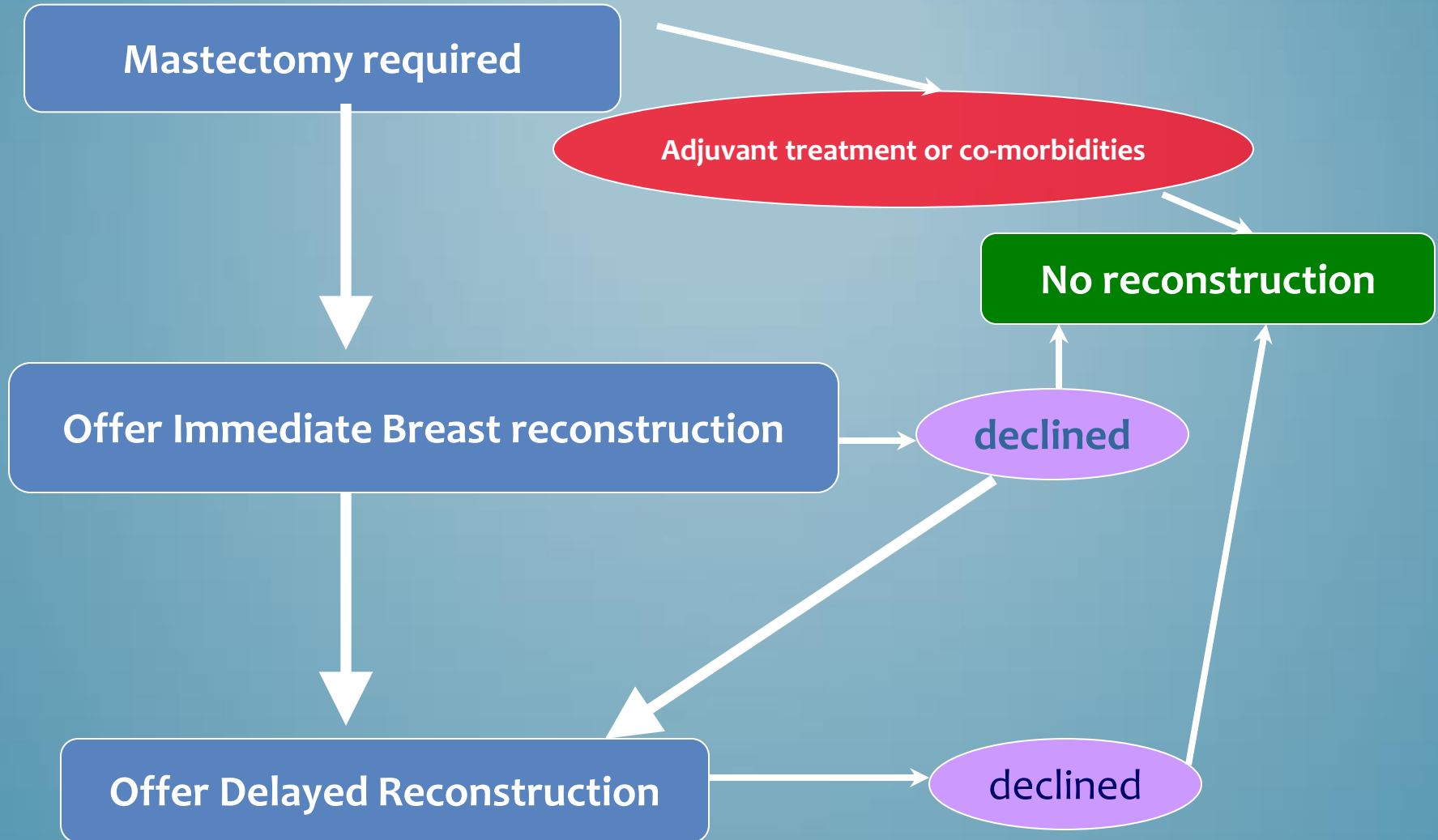
- **Longer operations**
- **Risks & Complications**
- **Implications for Follow Up**
- **Surgery to non-affected breast**
- **Patient's psychosocial factors**

.... But ALWAYS the Patient's own choice!

National Mastectomy & Reconstruction Audit

- **first national audit of mastectomy and breast reconstruction surgery in the world**
- **The proportion of women having IBR (Immediate Breast reconstruction) has increased from:**
 - ~11% (April 2005 - March 2006) to 21 % (Jan 2008 - 31 Mar 2009)**
- **My practice:**
 - immediate reconstruction rate = 72%**
 - IBR offered to ALL suitable patients prior to mastectomy**

Pathway To Reconstruction

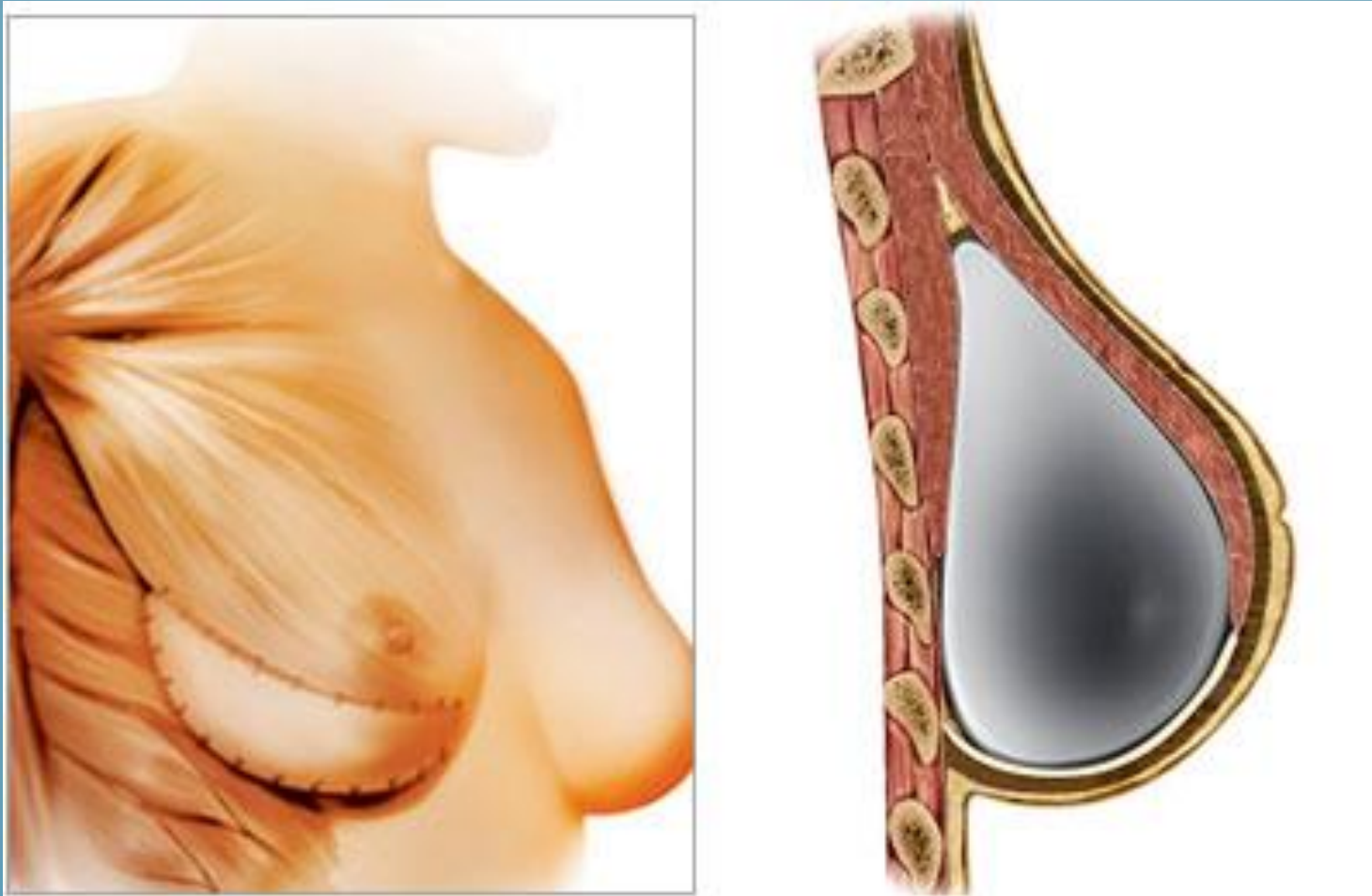


Types Of Reconstruction

Immediate – after Skin Sparing Mastectomy

- Expander implant (2 –stage)
- Silicone Implant with Acellular Dermal Matrix or mesh (1-stage)
- Latissimus Dorsi with/without implant
- DIEP flap (Deep Inferior Epigastric Artery)
 - (with ‘tummy tuck’/abdominoplasty)

IMPLANT-BASED RECONSTRUCTION WITH MESH



Implant/ Mesh Reconstruction Post Radiotherapy



Post-op Nipple Sparing Mastectomy & Implant- Based Reconstruction



Post-op Nipple Sparing Mastectomy & Implant-Based Reconstruction



Bilateral pre-pectoral implant reconstruction



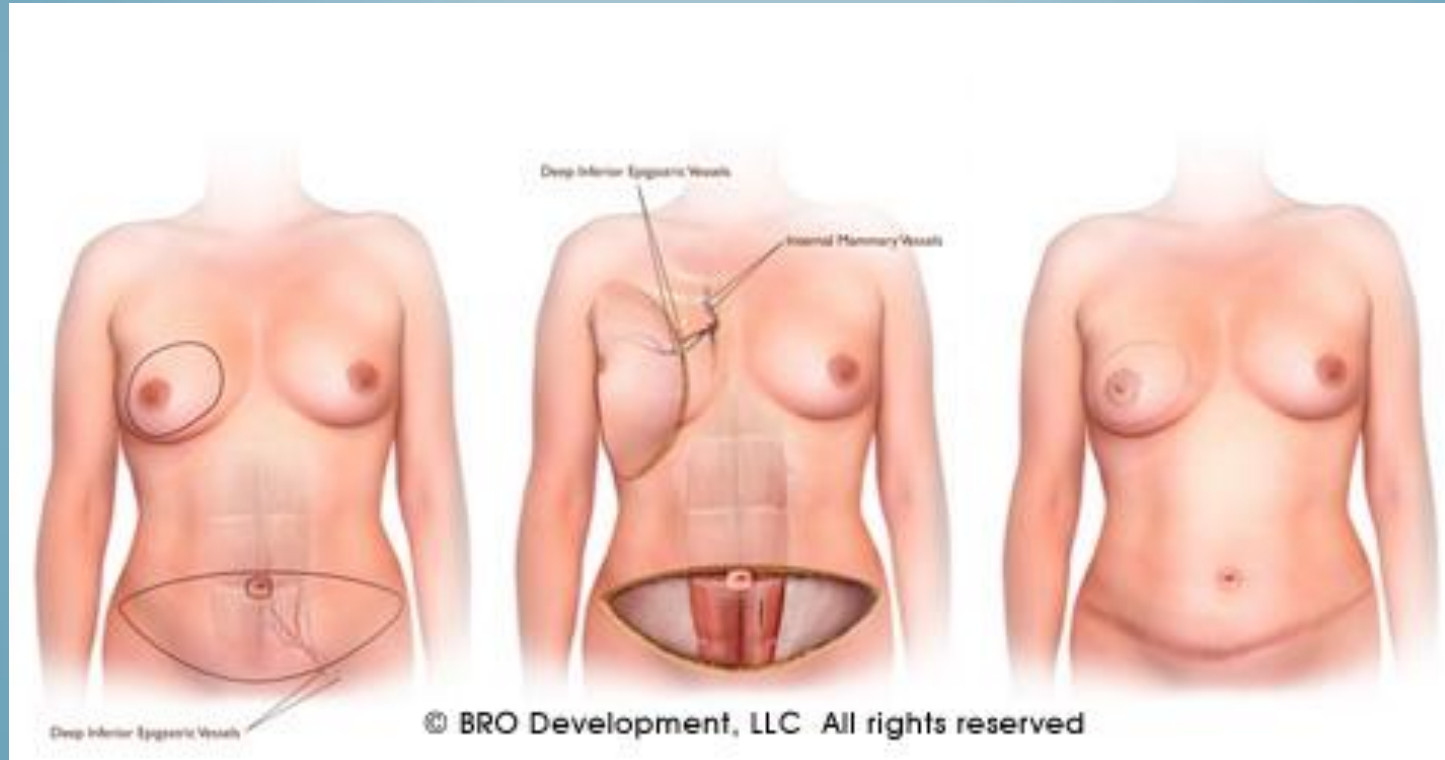
LATISSIMUS DORSI RECONSTRUCTION



PREVIOUS RIGHT SIDED LD & IMPLANT – NOW SAME FOR RISK REDUCTION



DIEP FLAP RECONSTRUCTION



Breast Reconstruction

- Immediate Breast Reconstruction should be discussed with **ALL** patients who are undergoing a mastectomy
- **Unless** significant comorbidity or the need for adjuvant therapy preclude this option

