

NAVIGATING OPTIONS IN BREAST RECONSTRUCTION

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TOPICS

- Decisions when you have a new breast cancer diagnosis
- Decisions and timing when you have a genetic risk diagnosis
- Potential treatments
- Types of Reconstruction
- Benefits and Drawbacks
- Recovery
- Who is a candidate

POTENTIAL TREATMENTS

- What stage is your cancer? Receptor status?
- Chemotherapy – Before or after Surgery?
- Oncotype DX – stratifies the risk of recurrence and potential benefit of chemotherapy
- Radiation Therapy
- Surgery – What type is best for you?

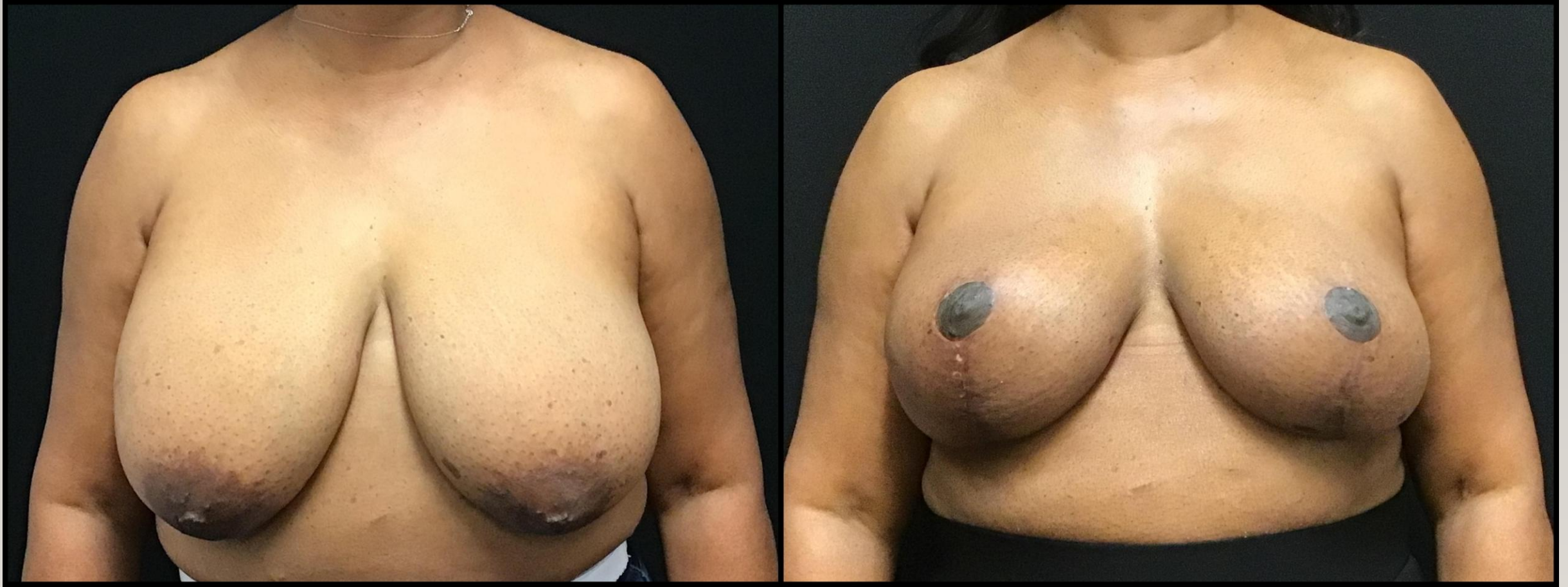
LUMPECTOMY – PARTIAL MASTECTOMY

- Single-incision with removal of the tumor and small volume of normal breast tissue
- Oncoplastic technique – with a symmetry procedure
- Outpatient procedures
- Radiation Therapy
- For many patients – THIS IS THE SIMPLEST ROUTE!

56 YO LEFT LUMPECTOMY FOR DCIS ~3Y PRIOR + XRT
FAT GRAFTING TO HER BREASTS TO REPLACE VOLUME



61YO R BREAST IDC. XRT, NO CHEMO
RIGHT ONCOPLASTIC WITH LEFT REDUCTION



57 YO R IDC. XRT NO CHEMO
RIGHT ONCOPLASTIC + XRT, LEFT REDUCTION



NO RECONSTRUCTION

- Delayed reconstruction
- One breast or both breasts?
- "Going Flat"
- Do I have options for reconstruction later?

39 YO GENETIC RISK, PROPHYLACTIC MASTECTOMIES FLAT CLOSURE



IMPLANT-BASED RECONSTRUCTION

- Tissue Expander
- Fill with Saline
- Exchange for permanent implant
- Pre-pec vs Subpec
- Role of Radiation



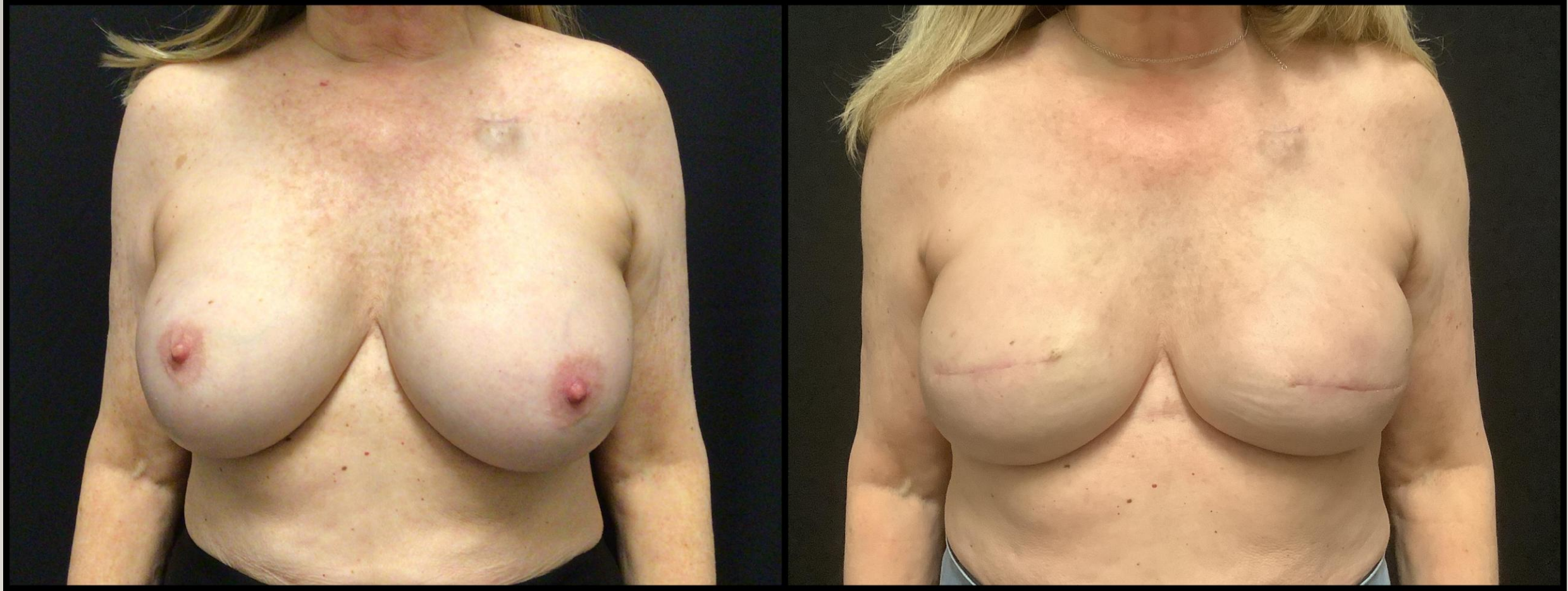
67 YO LEFT IDC, NEOADJ CHEMO.
TE RECON FILLED TO 650CC



67 YO AFTER IMPLANT EXCHANGE 480 CC IMPLANTS



62 YO RIGHT IDC, NEOADJUVANT CHEMO
TE THEN EXCHANGE TO 455CC IMPLANTS

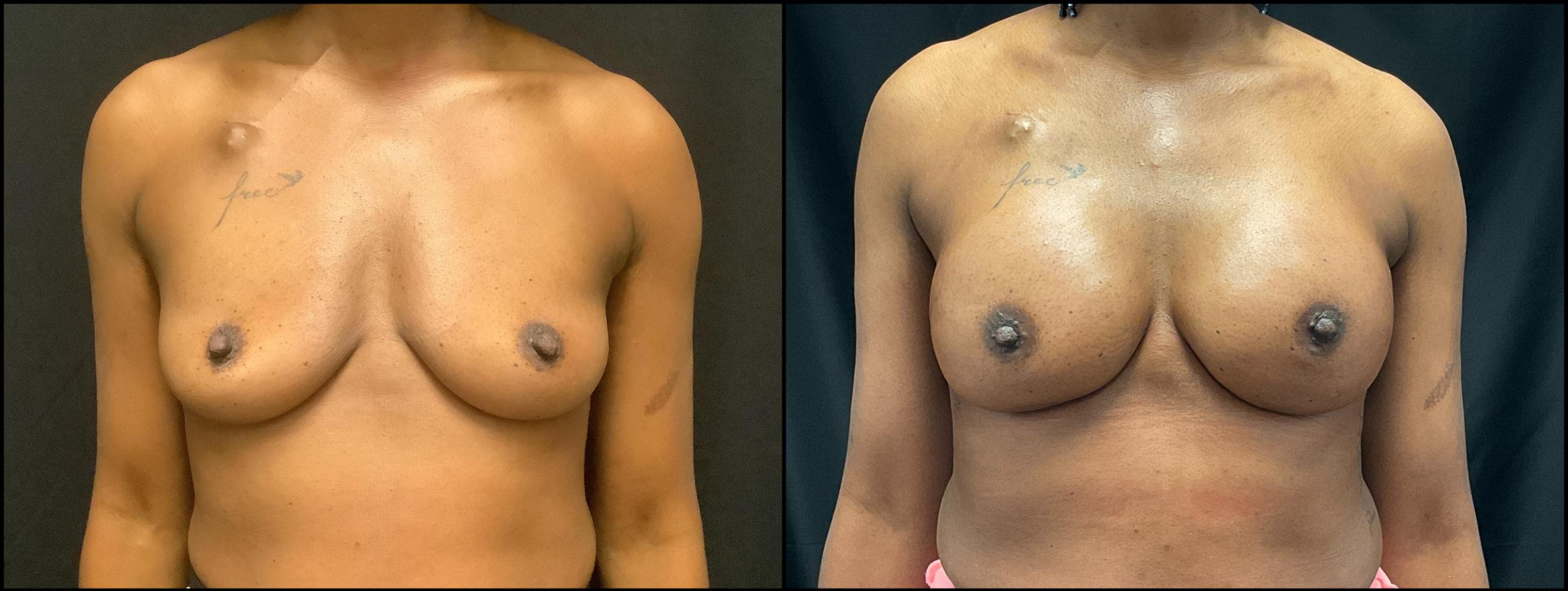


DIRECT TO IMPLANT RECONSTRUCTION

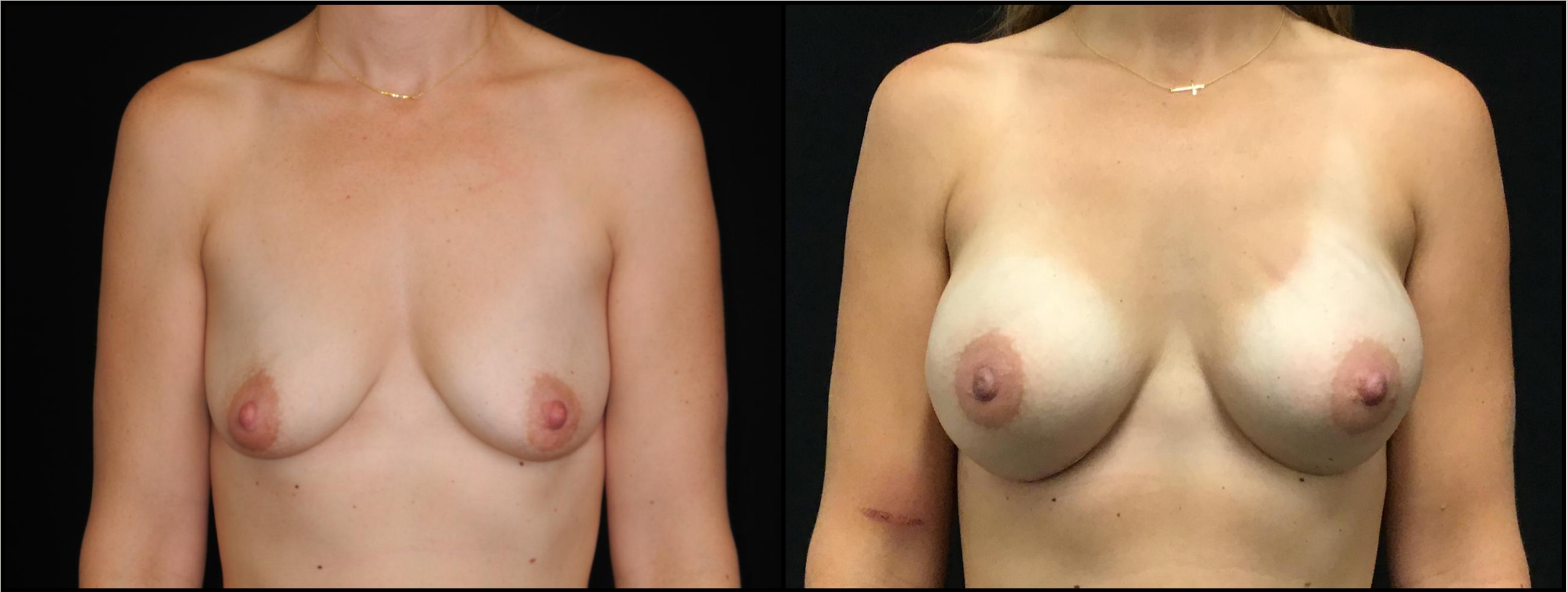
- Silicone implant
- About Implants
- How do we support the implant?
- Acellular Dermal Matrix wrap
 - Alloderm – human derived
 - Bovine derived
 - Porcine derived
 - Ovine derived



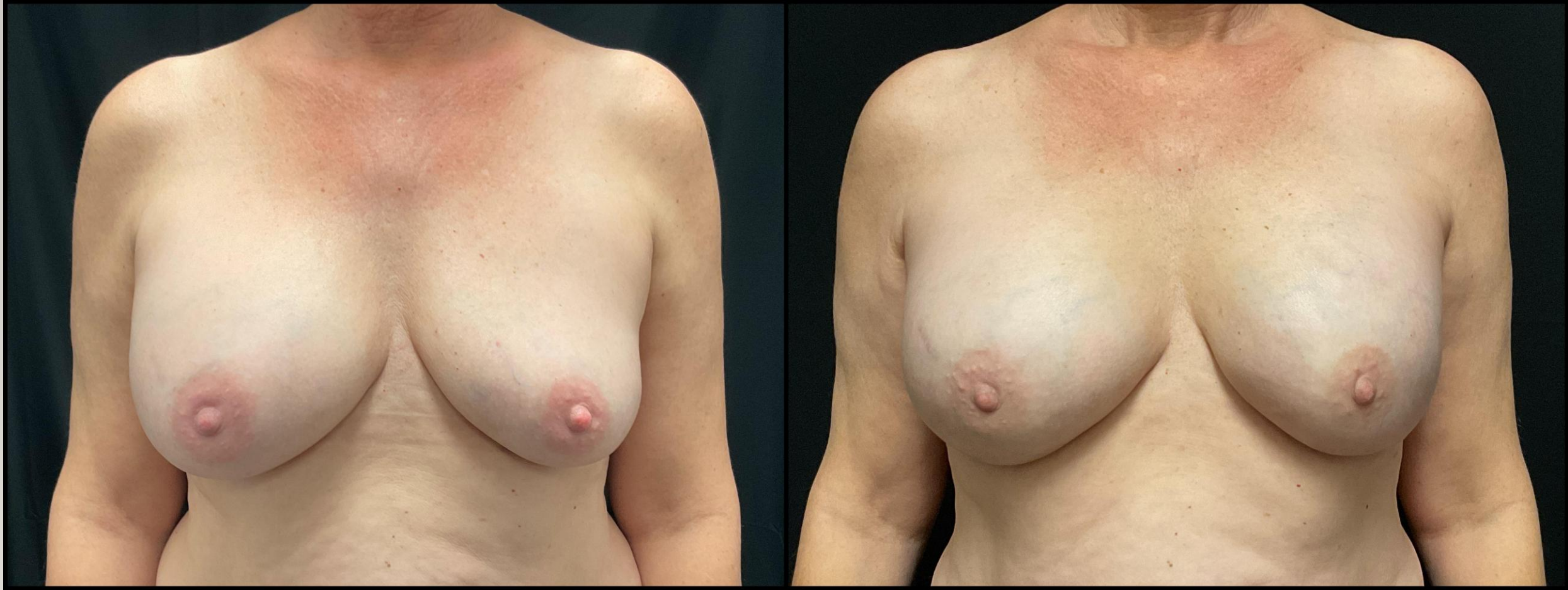
48YO LEFT IDC, NEOADJUVANT CHEMO
DTI WITH FULL BIOLOGIC WRAP



38 YO PROPHYLACTIC MASTECTOMIES DTI WITH FULL BIOLOGIC WRAP



57 YO LEFT ILC, SAL IMPL RUPTURE WITH BX
DTI FULL BIOLOGIC WRAP



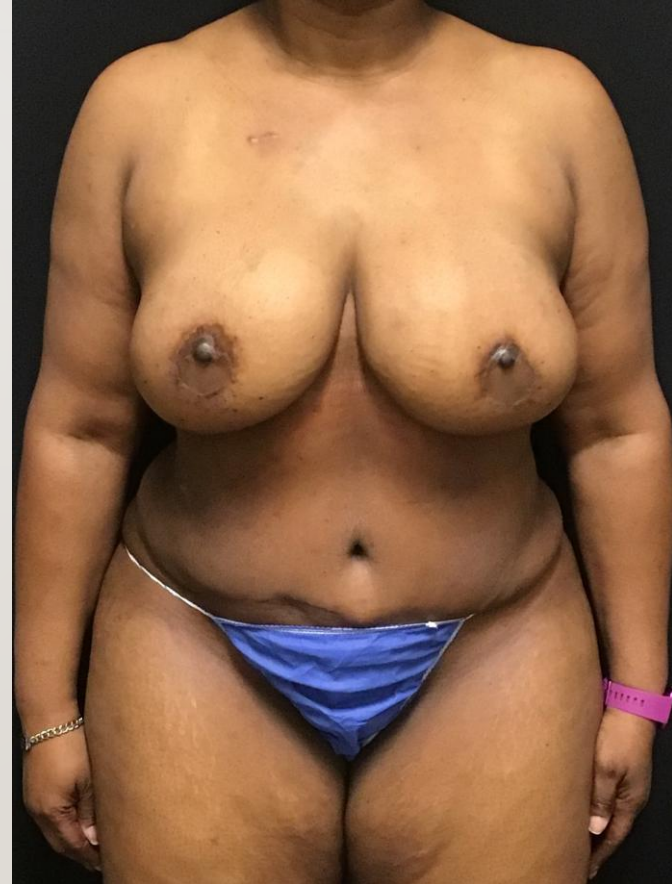
SAFETY AND LIFE EXPECTANCY OF IMPLANTS

- Implants Silicone vs Saline
- Life expectancy of a breast implant
- Do breast implants have complications?
- Breast-Implant-Associated Anaplastic Large Cell Lymphoma (BIA-ALCL)



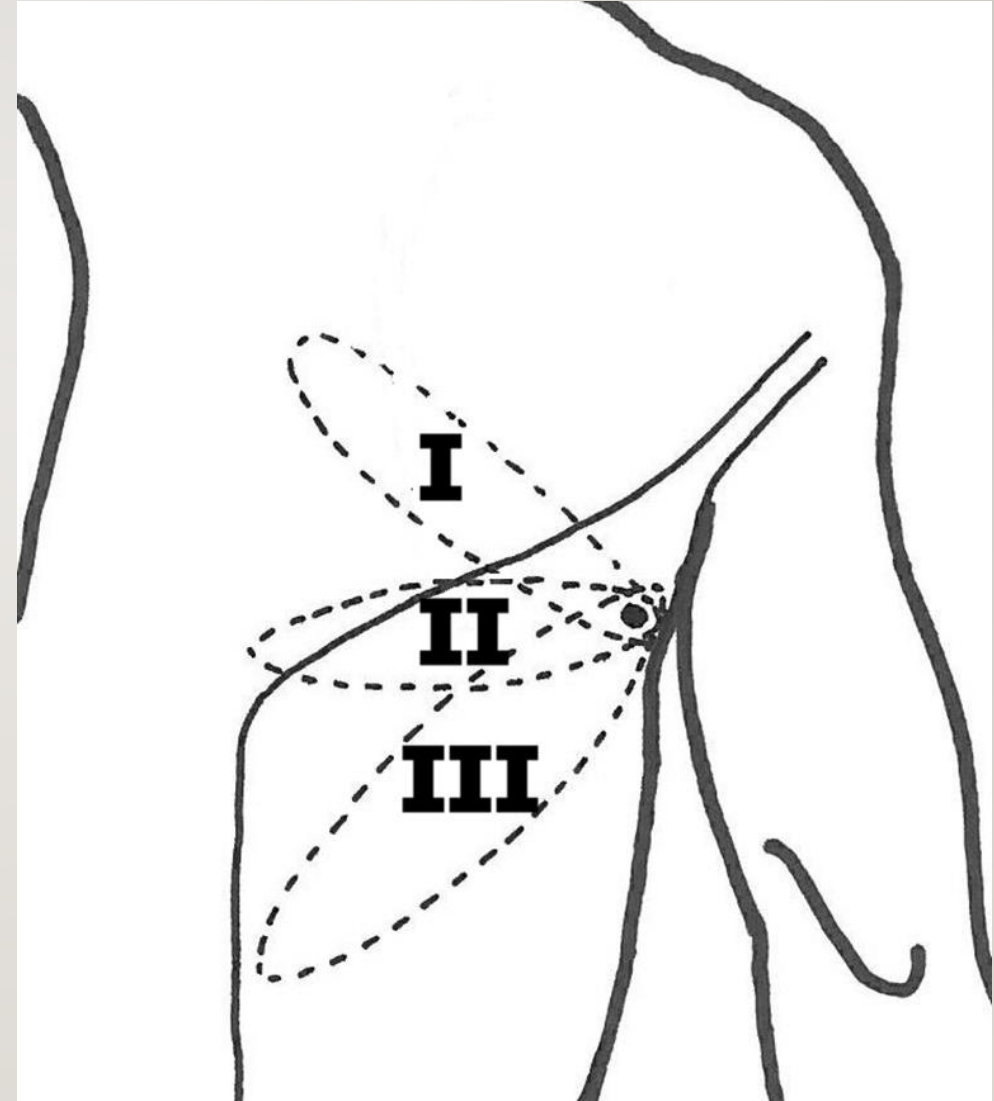
USING YOUR OWN TISSUE

- Tissue from the back
- Tissue from the belly/abdomen
- Tissue from the buttock
- Tissue from the thigh



TISSUE FROM THE BACK

- Latissimus muscle flap
- TAP Flap – muscle sparing
- With an implant vs without
- Salvage procedure



80 YO LEFT IDC MAST NO RECON 1 YR PRIOR
SINGLE STAGE RECON WITH LD



DONOR SITE



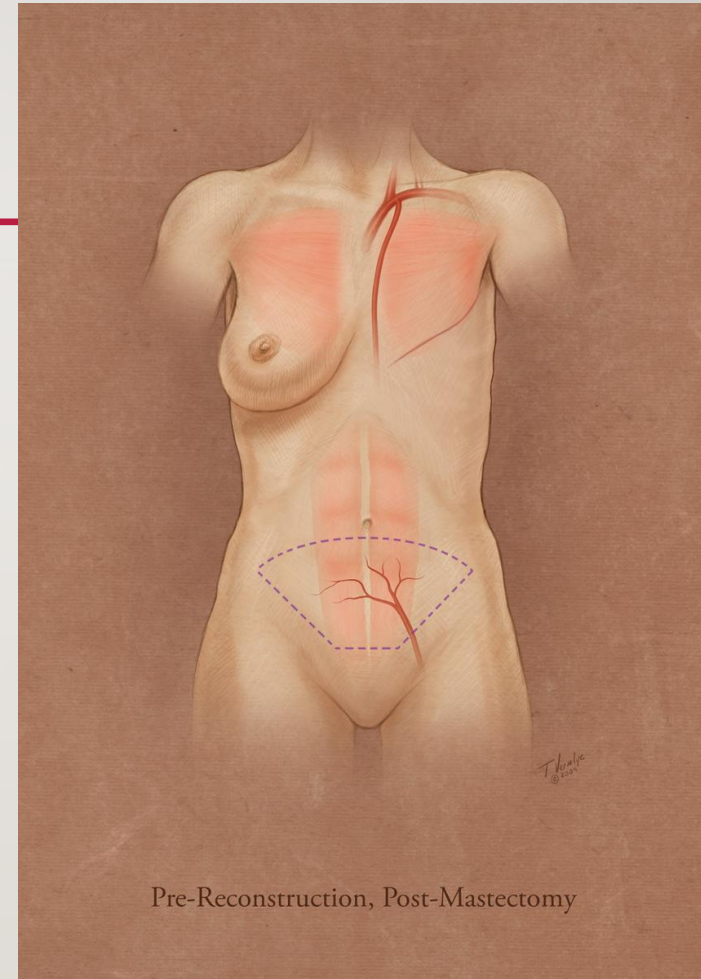
66 YO LEFT ILC, XRT, INFXN LOSS OF LEFT IMPLANT
TE TO IMPLT R 550CC L 365CC



BACK SCAR

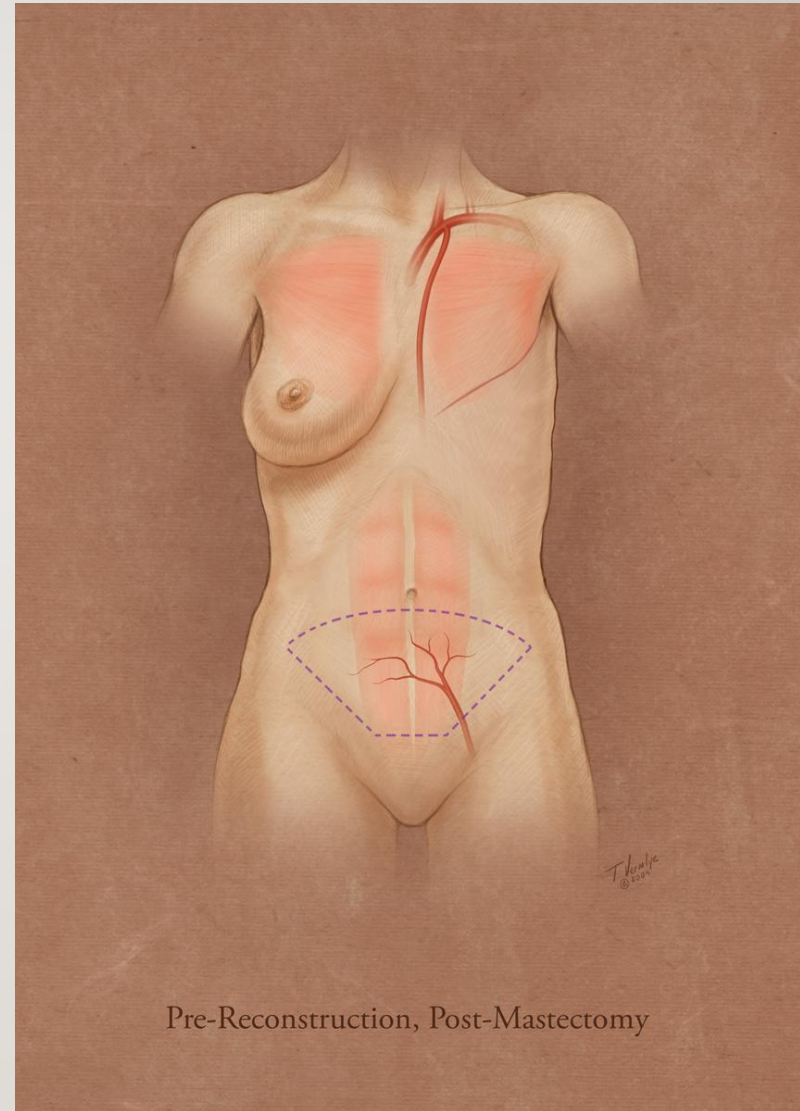


BREAST RECONSTRUCTION USING SKIN AND FAT FROM THE ABDOMEN

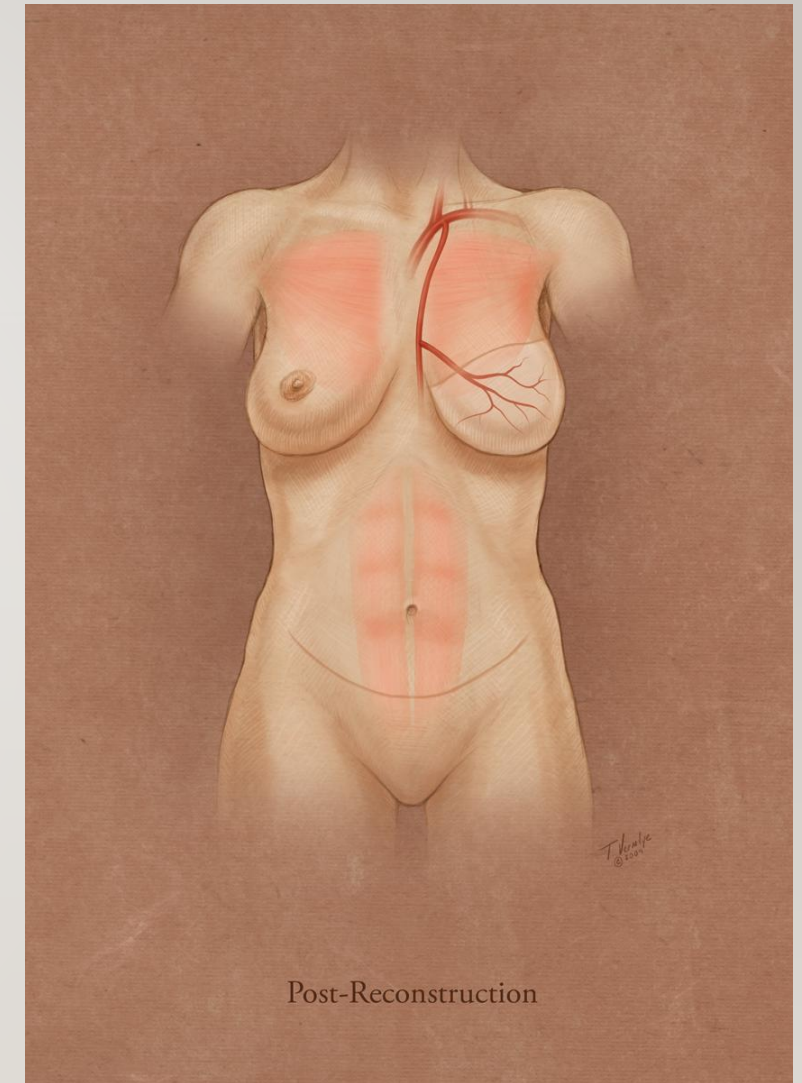
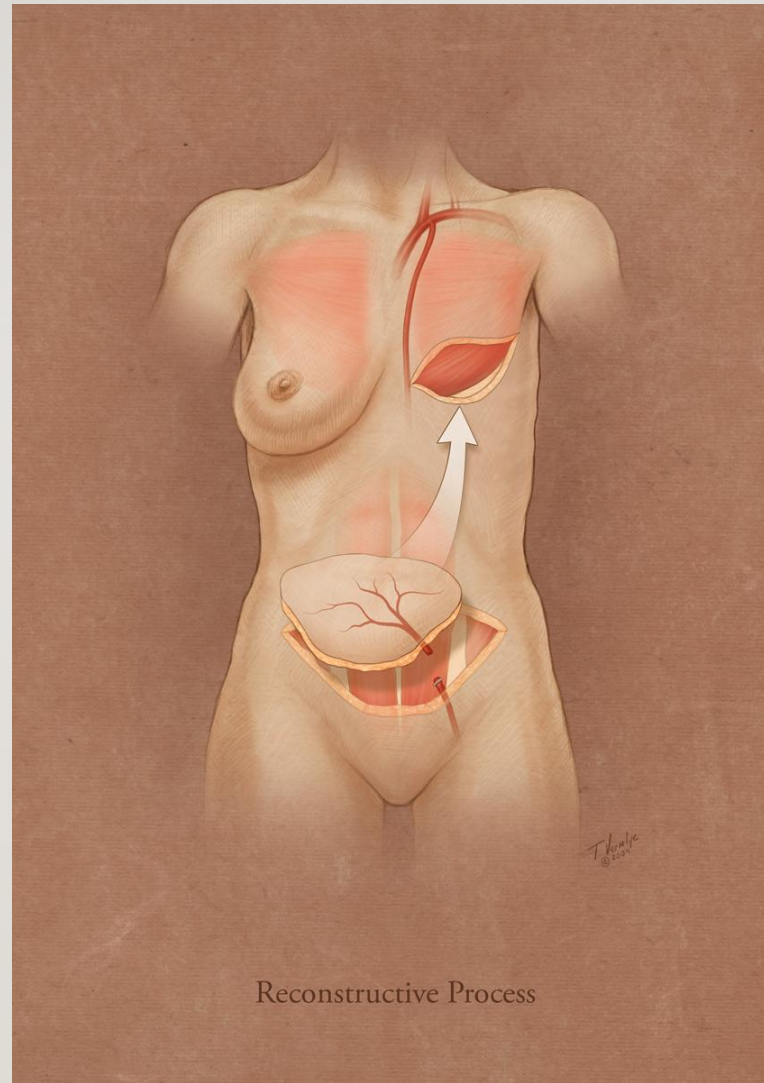


TISSUE FROM THE ABDOMEN

- DIEP Flap
- SIEA Flap
- Skin and fat – No muscle
- Vs TRAM or Free TRAM
- Blood vessels and reconnect them to ones in the chest



BREAST RECONSTRUCTION USING SKIN AND FAT FROM THE ABDOMEN



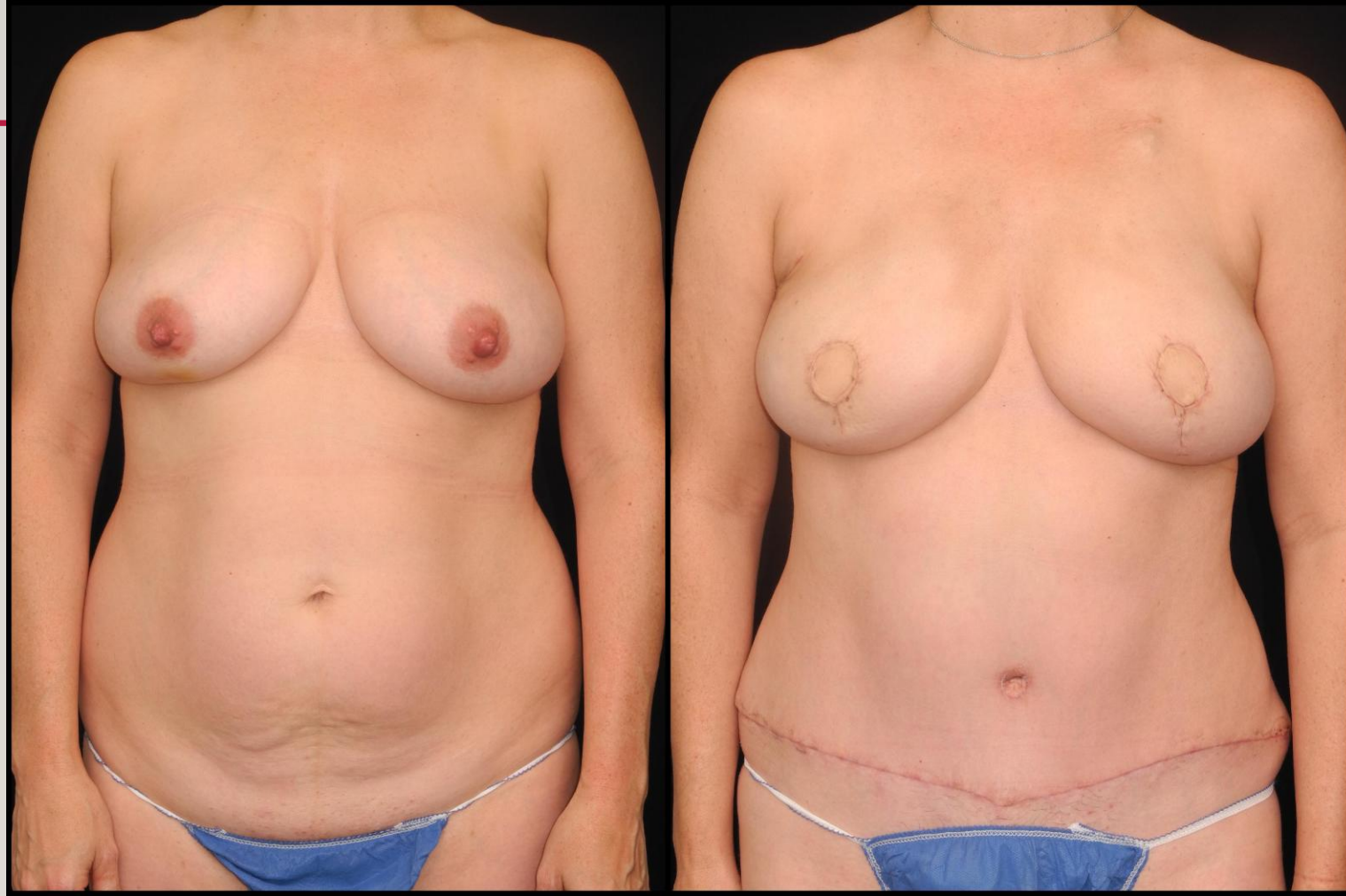
47 YO RIGHT DCIS IMMEDIATE DIEPS



48 YO LEFT IDC NEO ADJUVANT CHEMO IMMEDIATE DIEPS, NIPPLE RECON WITH TATTOO



53YO R ILC, LUMPECTOMY POS MARGINS MASTECTOMIES, IMMEDIATE DIEPS



53YO RIGHT ILC, + MARGINS, MAST, XRT + CHEMO R DIEP AND L MASTOPEXY



40 YO L IDC, MAST, TE/IMPLANT RECON IMPLANT REMOVAL AND DIEP RECON

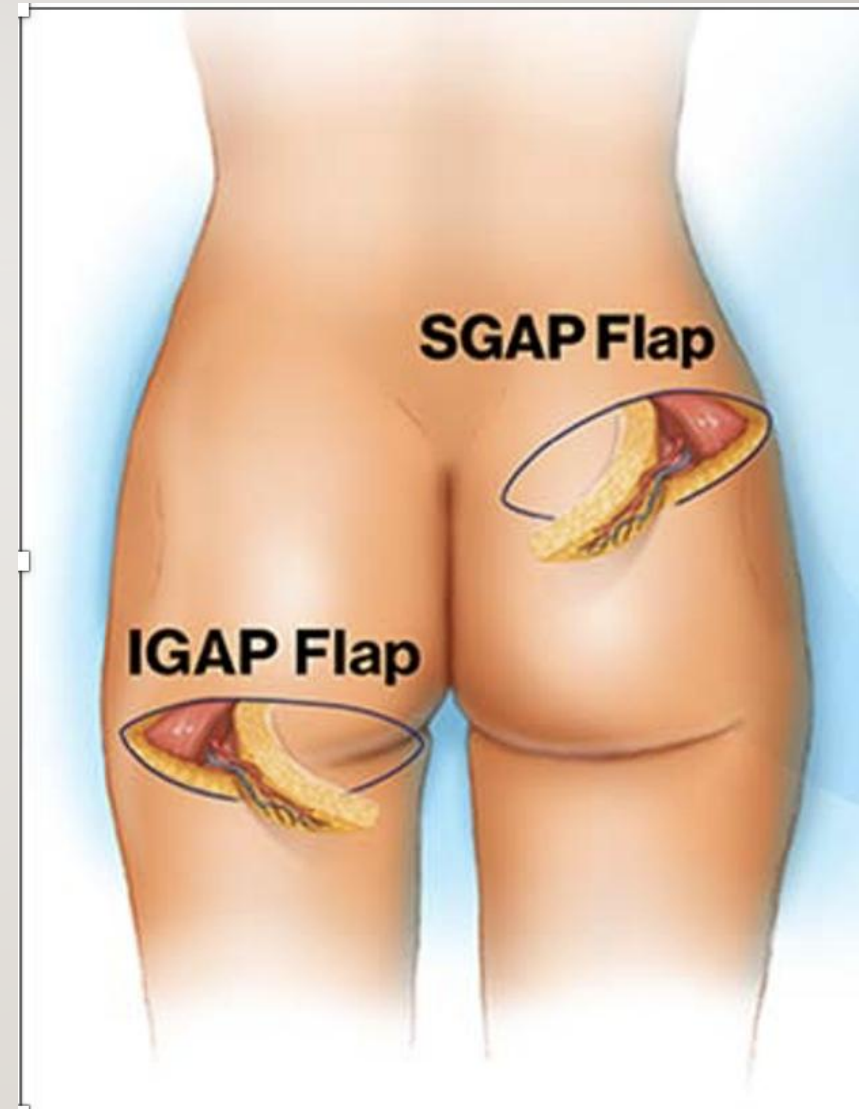


40 YO DX WHILE BREAST FEEDING, MAST, XRT & NA CHEMO + LN, BIL DIEP RECON



SKIN AND FAT FROM THE BUTTOCKS

- SGAP
- IGAP
- Donor site can be an issue



SKIN AND FAT FROM THE THIGH

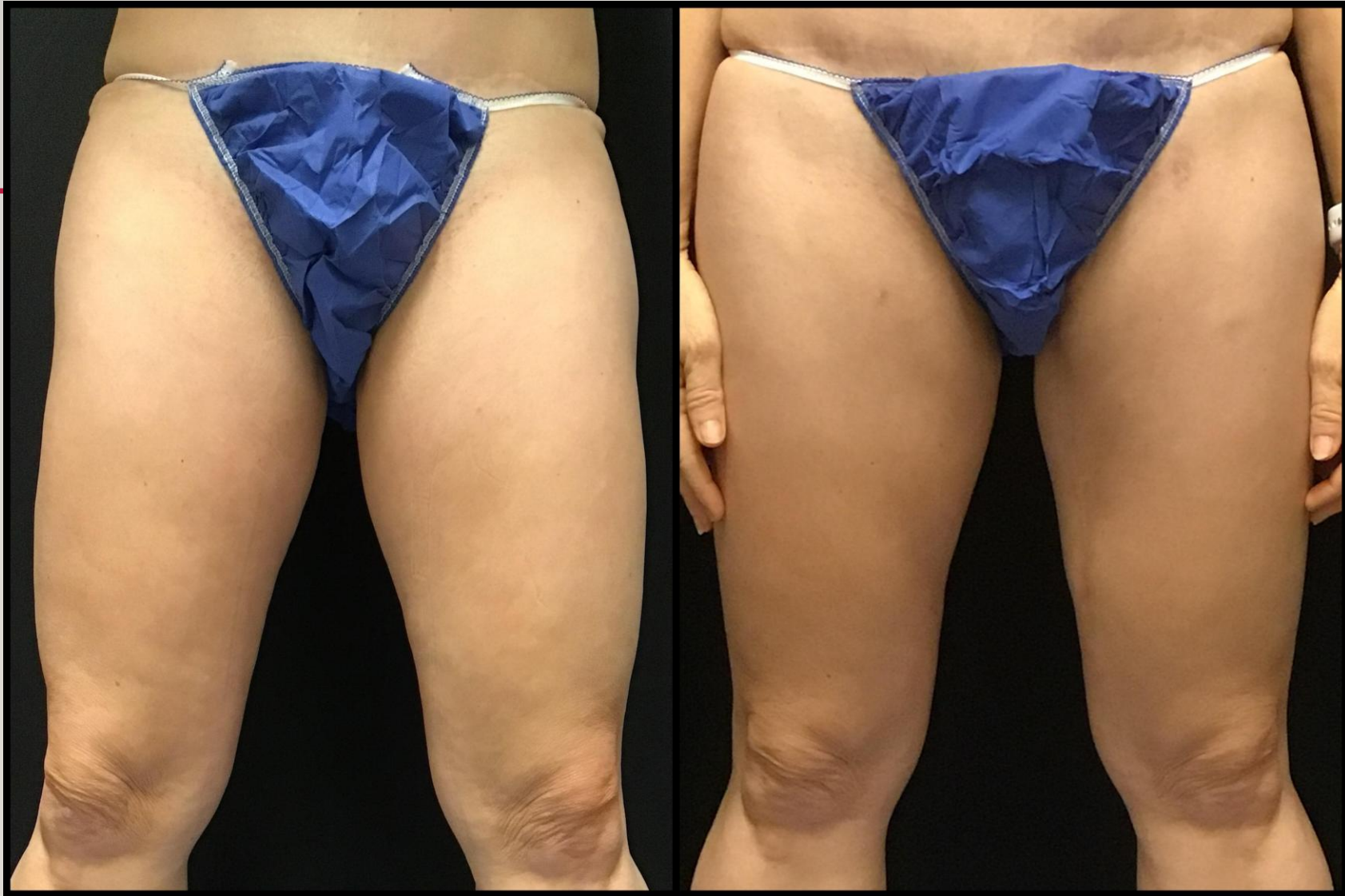
- PAP Flap
- TUG Flap



54YO LEFT IDC, HX ABDOMINOPLASTY
IMMEDIATE PAP FLAPS, LATER NIPPLE RECON/TATTOOS



DONOR SITES



QUESTIONS?

THANK YOU!