



Dr Erica Whineray Kelly
Breast Surgeon, Auckland

Breast Surgery Update



Breast Surgery Update

Dr. Erica Whineray Kelly
FRACS



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Fellow of the
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www.aucklandbreastcentre.co.nz

Surgery to...

- Treat the breast cancer
- Treat the axillary nodes - assessment or treatment
- Reconstruction and Symmeterisation



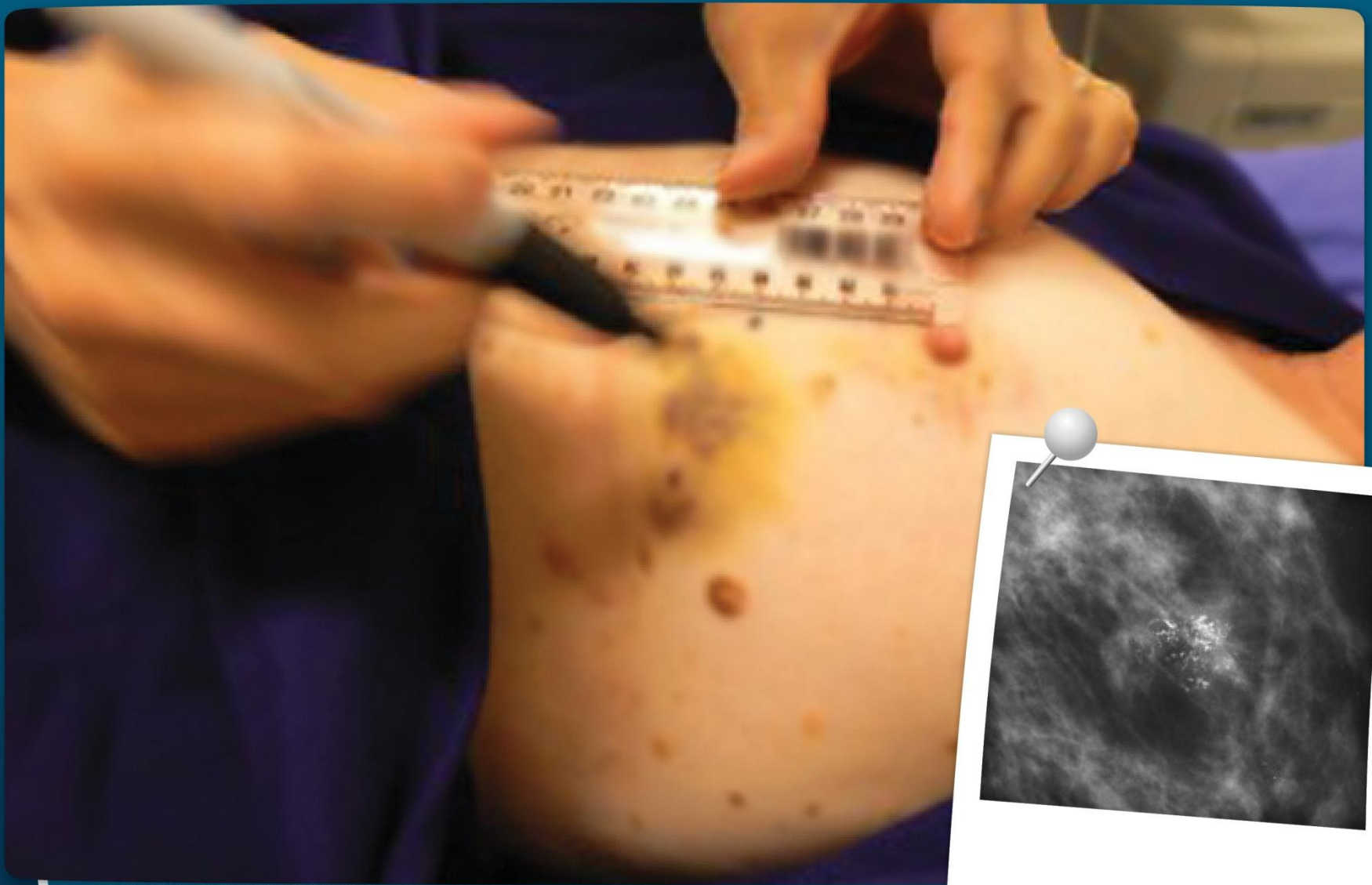
The Screening Scenario

- Small non-palpable breast cancer

Hookwire Localised Partial Mastectomy
Sentinel Node Biopsy
With Intra-operative assessment

Post operative radiotherapy





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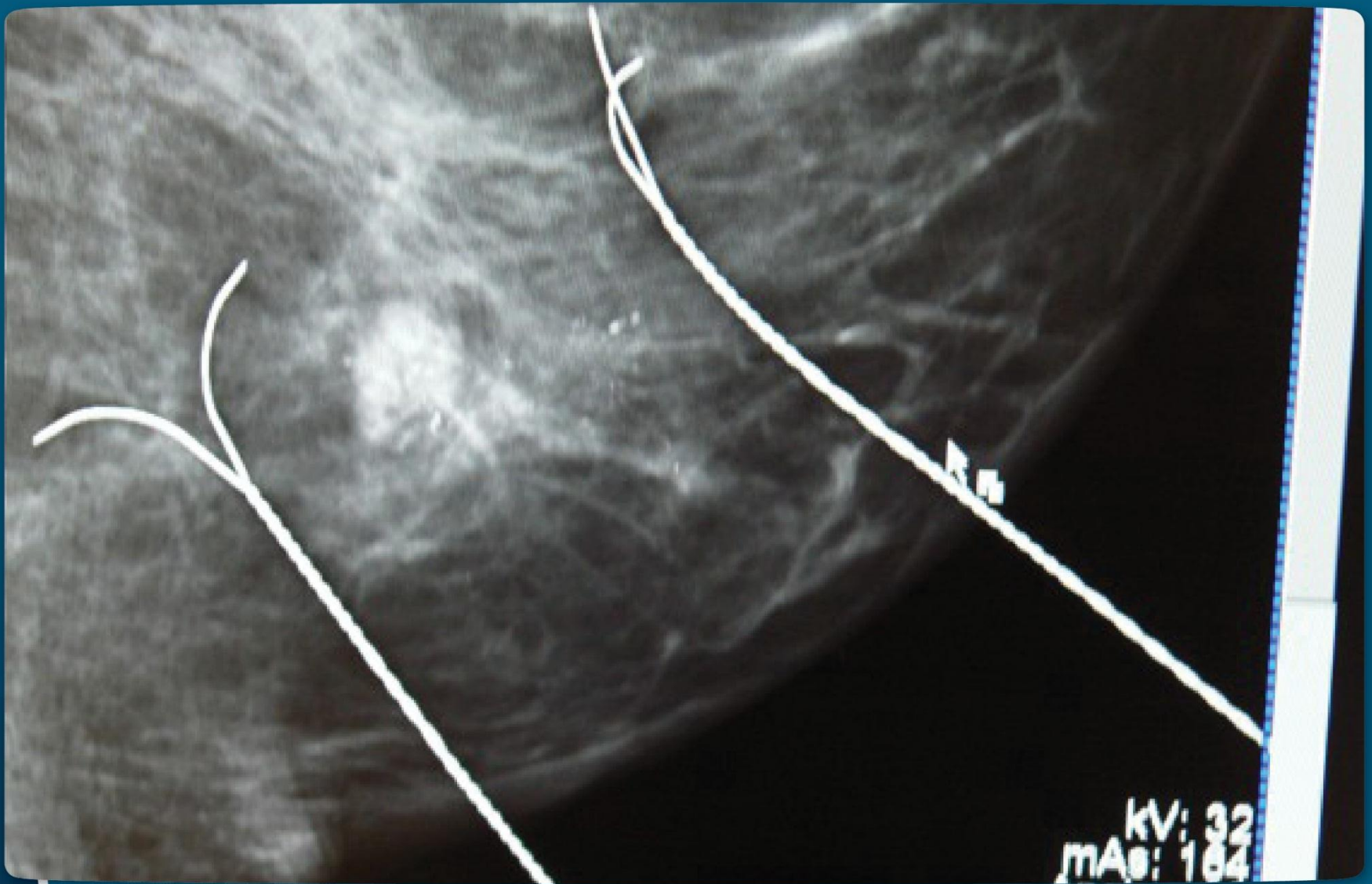
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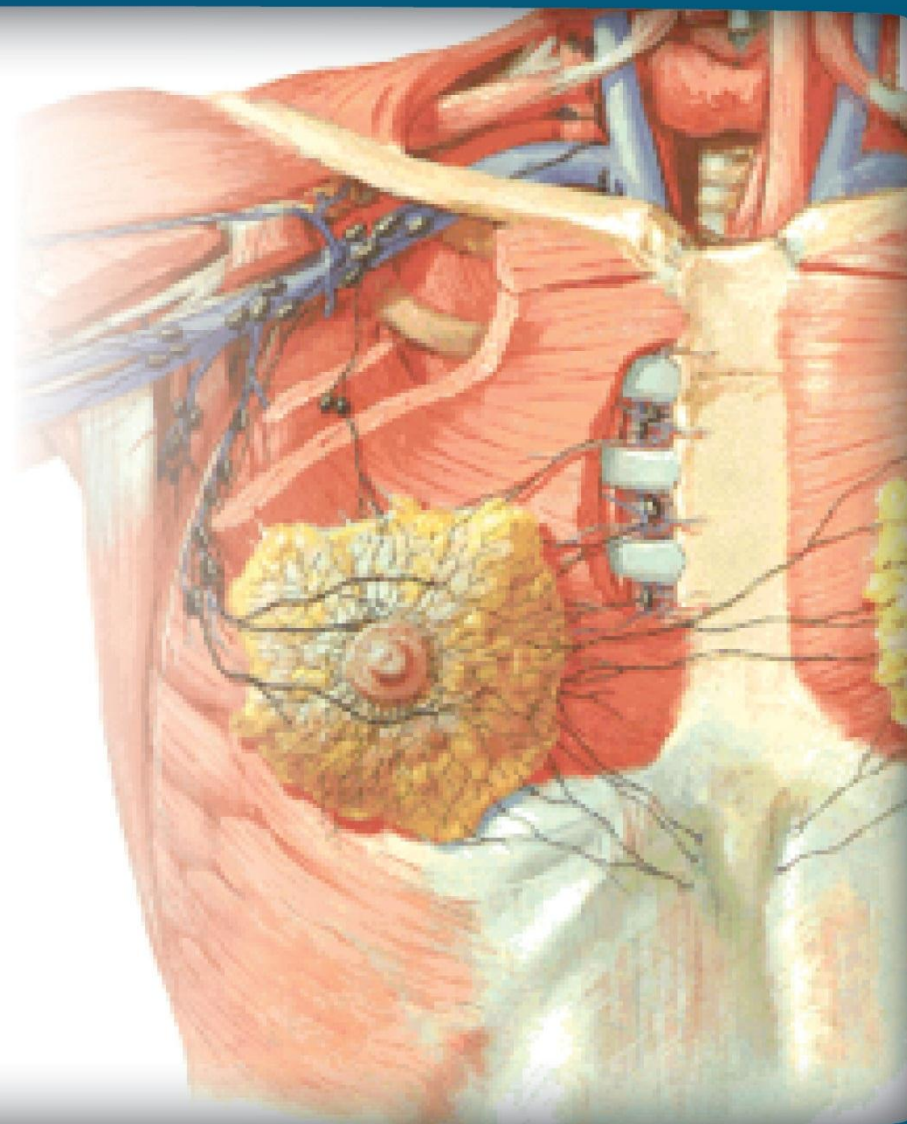
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What about
the lymph
nodes?



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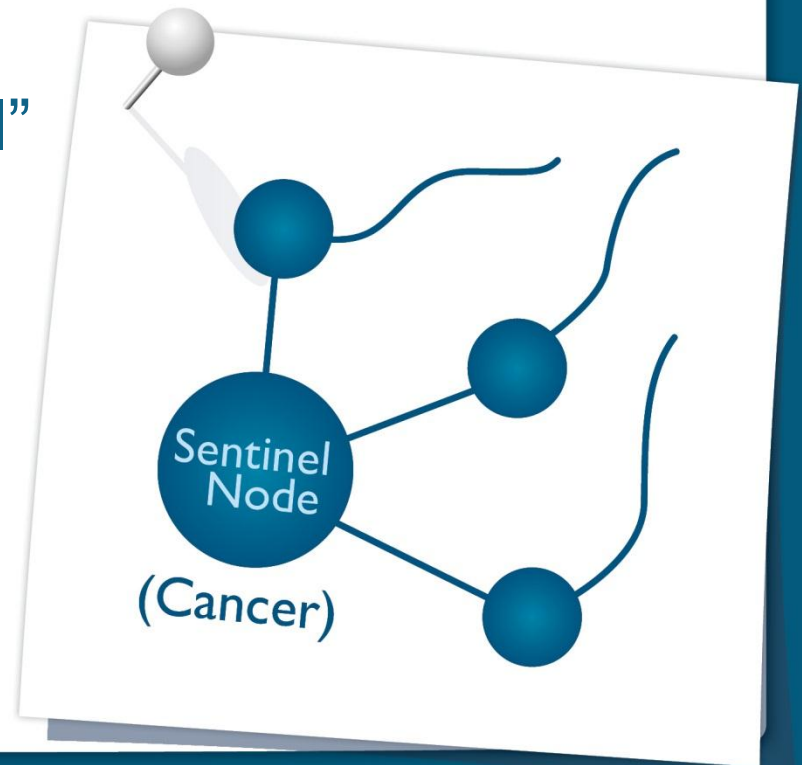
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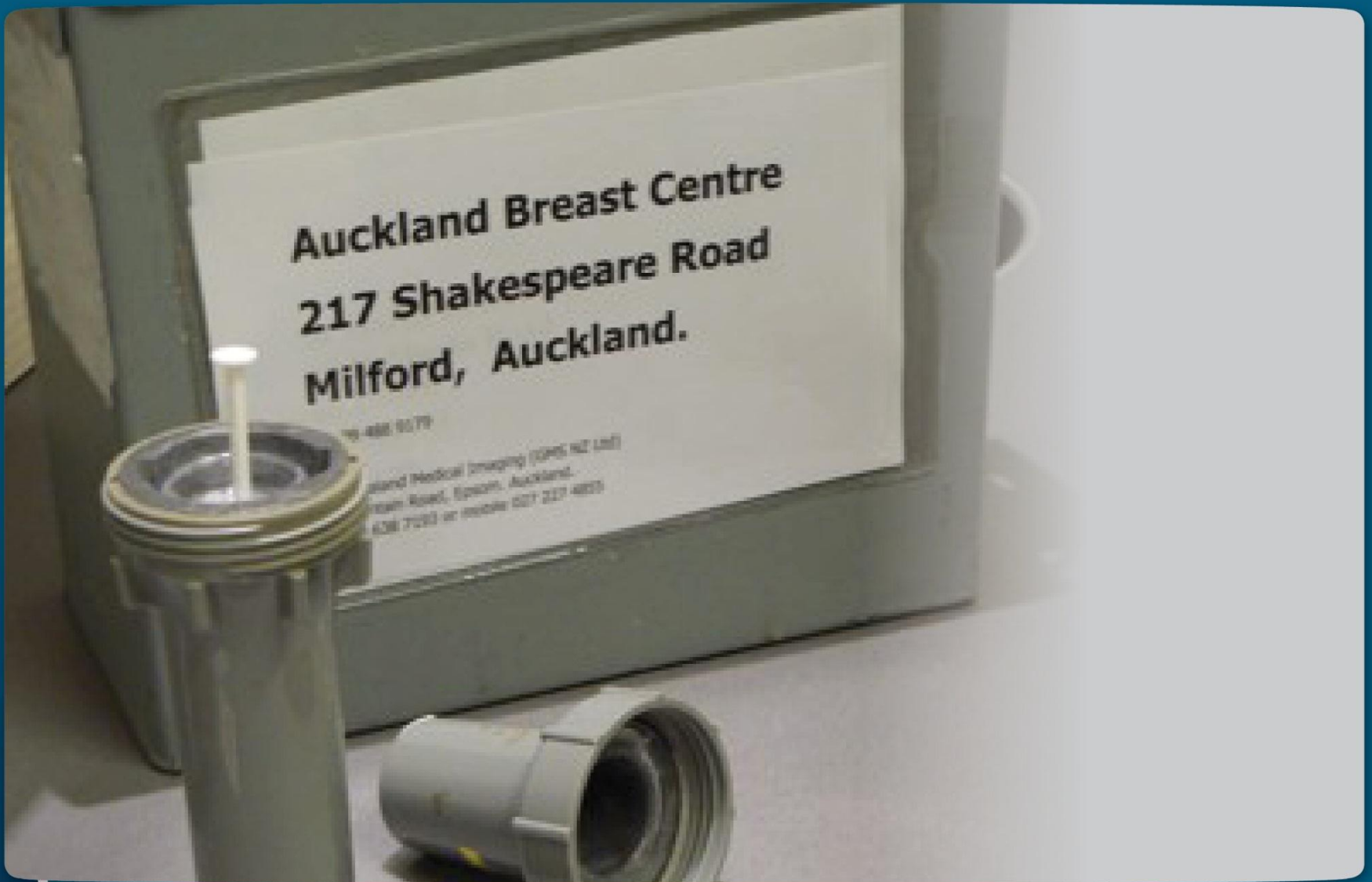
Lymphoedema

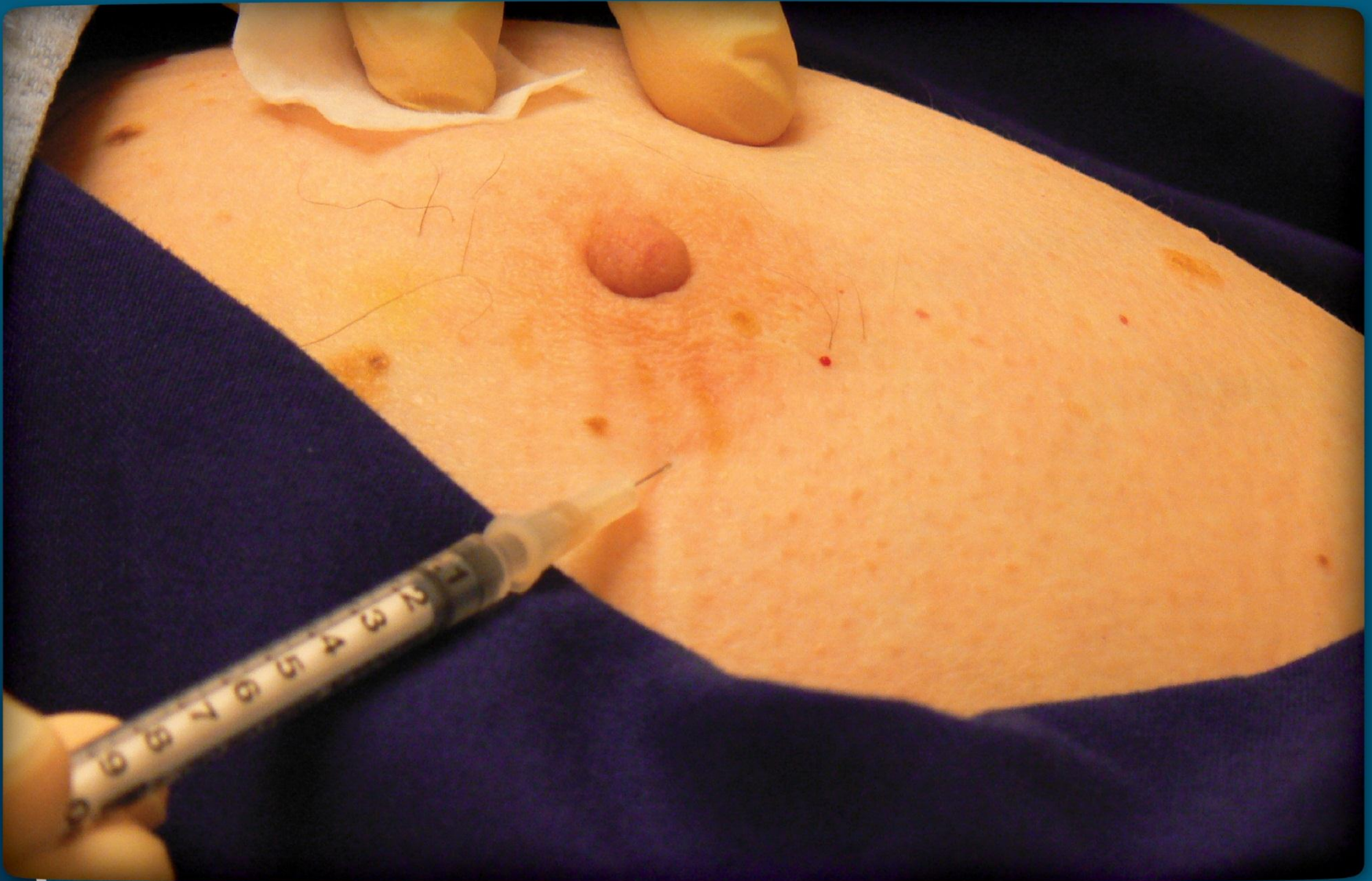


What is a Sentinel Node Biopsy?

- The identification and assessment of the “sentinel” (gatekeeper) lymph node.
- Presumes that pathological status of the SLN reflects the overall nodal status of the patient.









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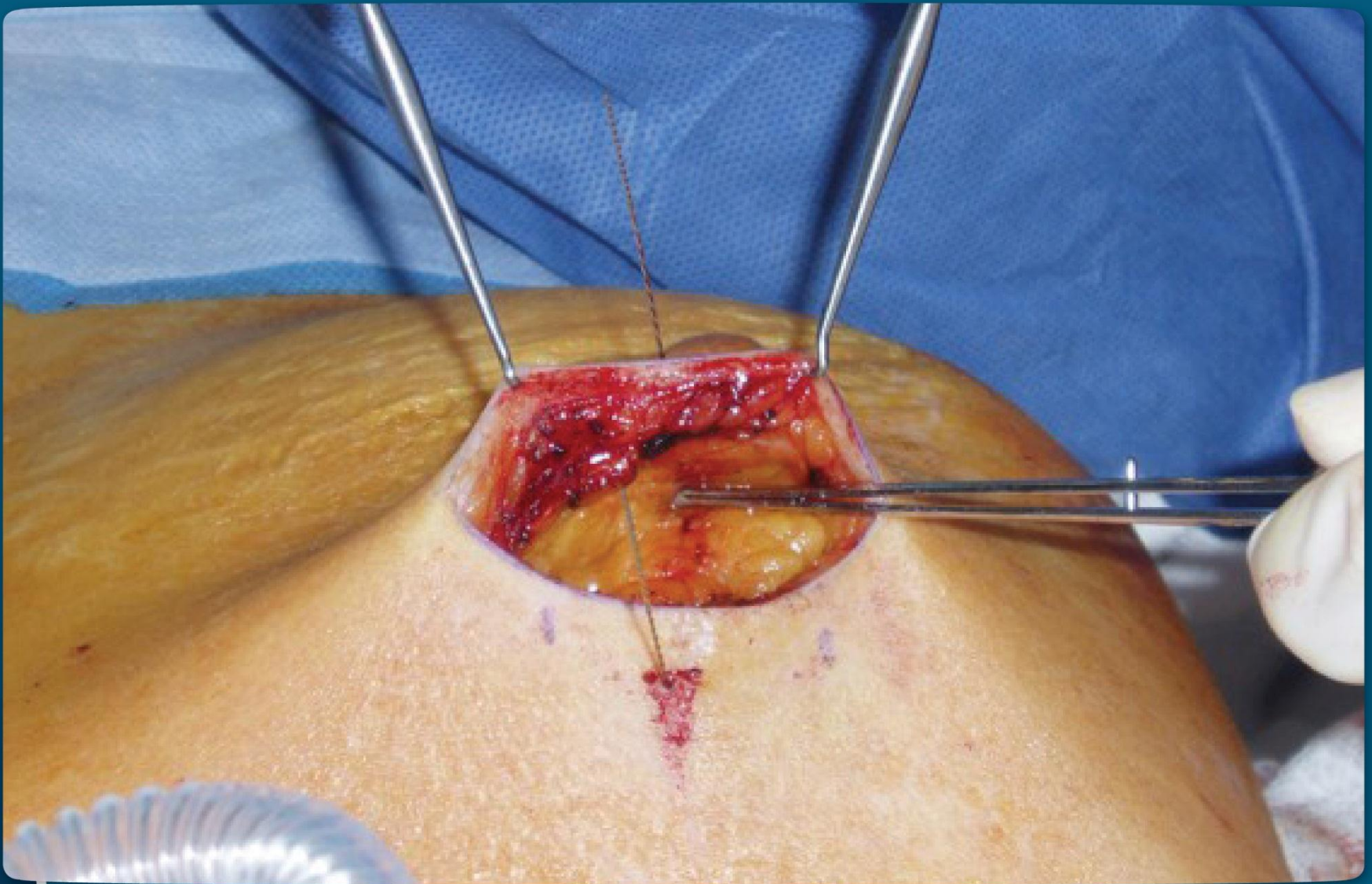


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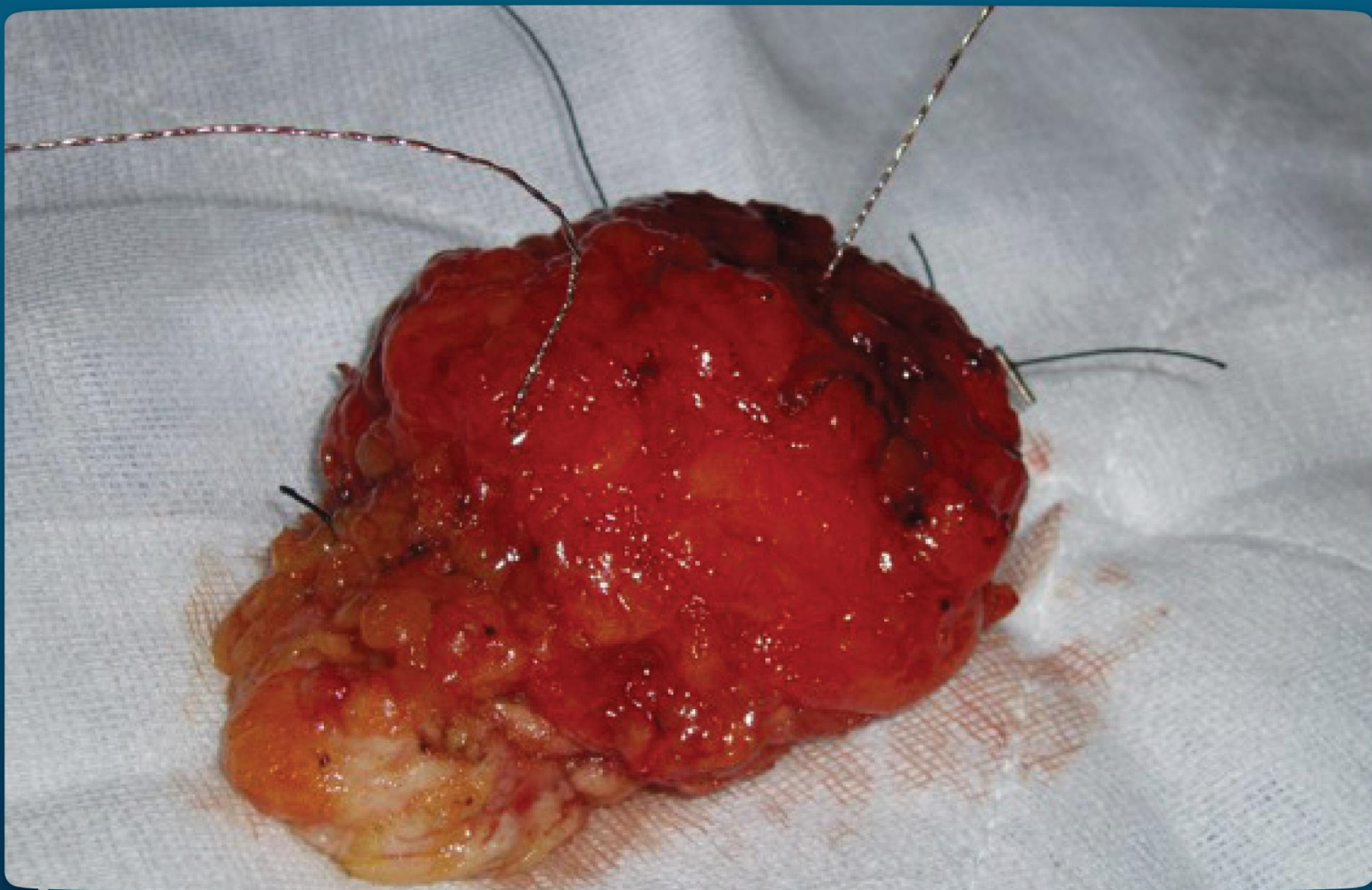


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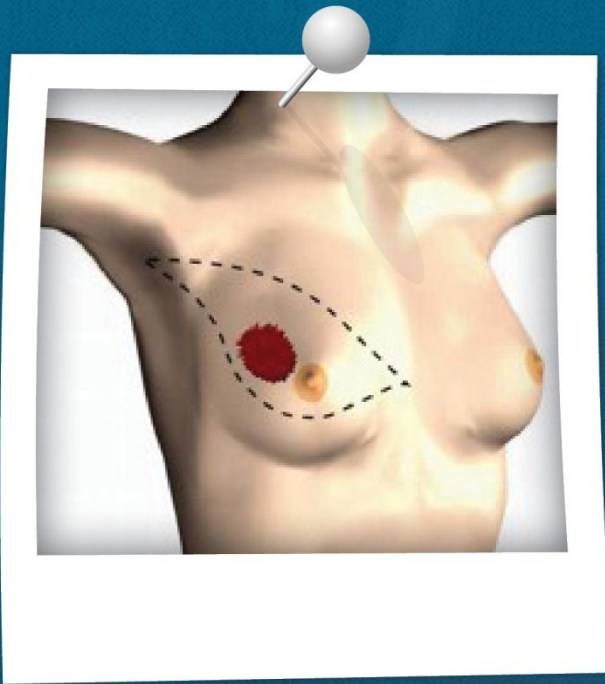


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- Completion axillary clearance if positive
- SNB protocol at lab
- Margins taken if hookwire close

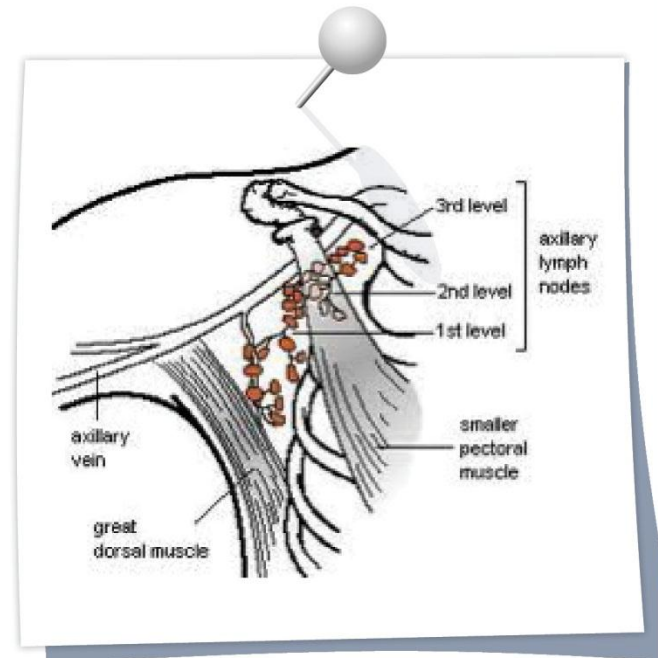


Mastectomy *Patron Saint Agatha*



Axillary Clearance

- No longer used as a staging investigation
- Used to clear disease
- Risk of lymphoedema 5-10 %



Lymphoedema

- www.lymphoedemanz.org.nz
- Education
- Assessment
- MLD, massage
- Garment fitting
- Bioimpedance
- Lymphassist

Reconstructive Goals

- Recreate symmetry
- Natural appearing breast
- Preserve patient safety and quality of life



Autologous Reconstruction

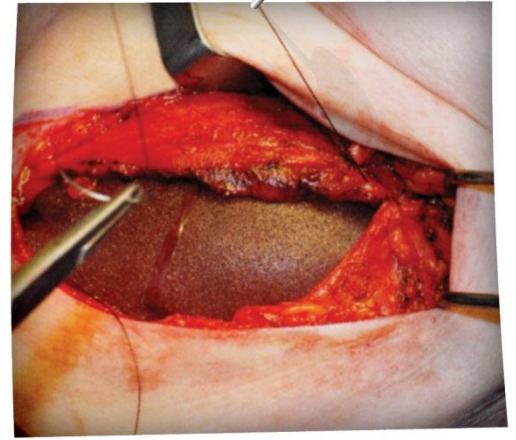
Pros

- Natural looking/feeling
- No time limit
- Fluctuates with weight

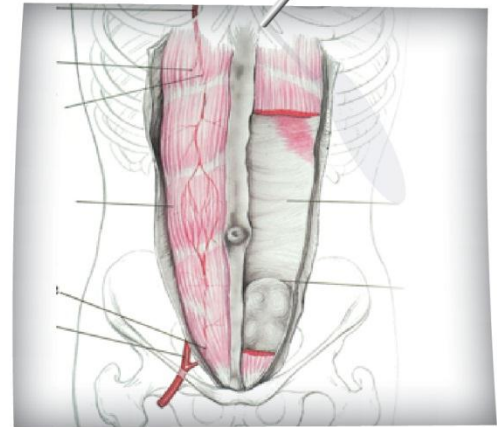
Cons

- Longer op
- Donor scar/morbidity

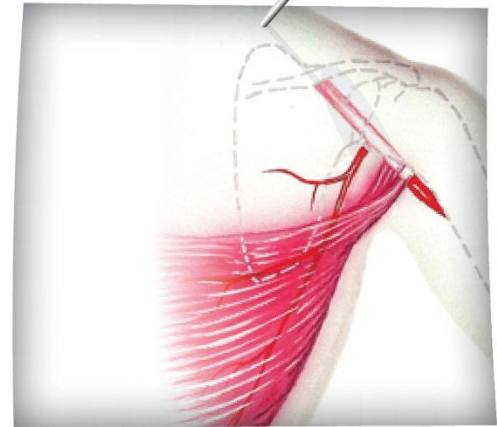
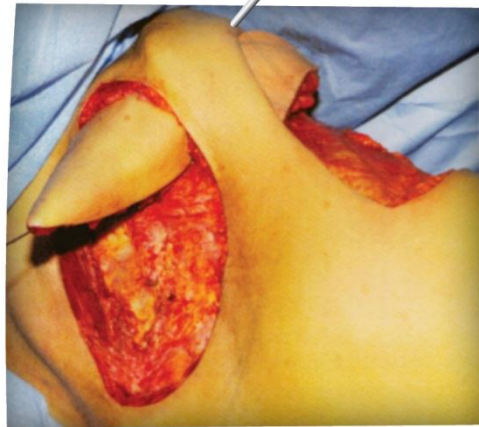
Skin Sparing Mastectomy



TRAM Flap



Latissimus Dorsi









TRAM/
Reduction



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34

Expander Implant Reconstruction

Pros

- Shorter op
- No donor site morbidity
- Quicker recovery

Cons

- Not as natural
- Implant complications
- 2 ops

Expander Implant Reconstruction



Breast Implants



Breast Implants





Tissue
Expander

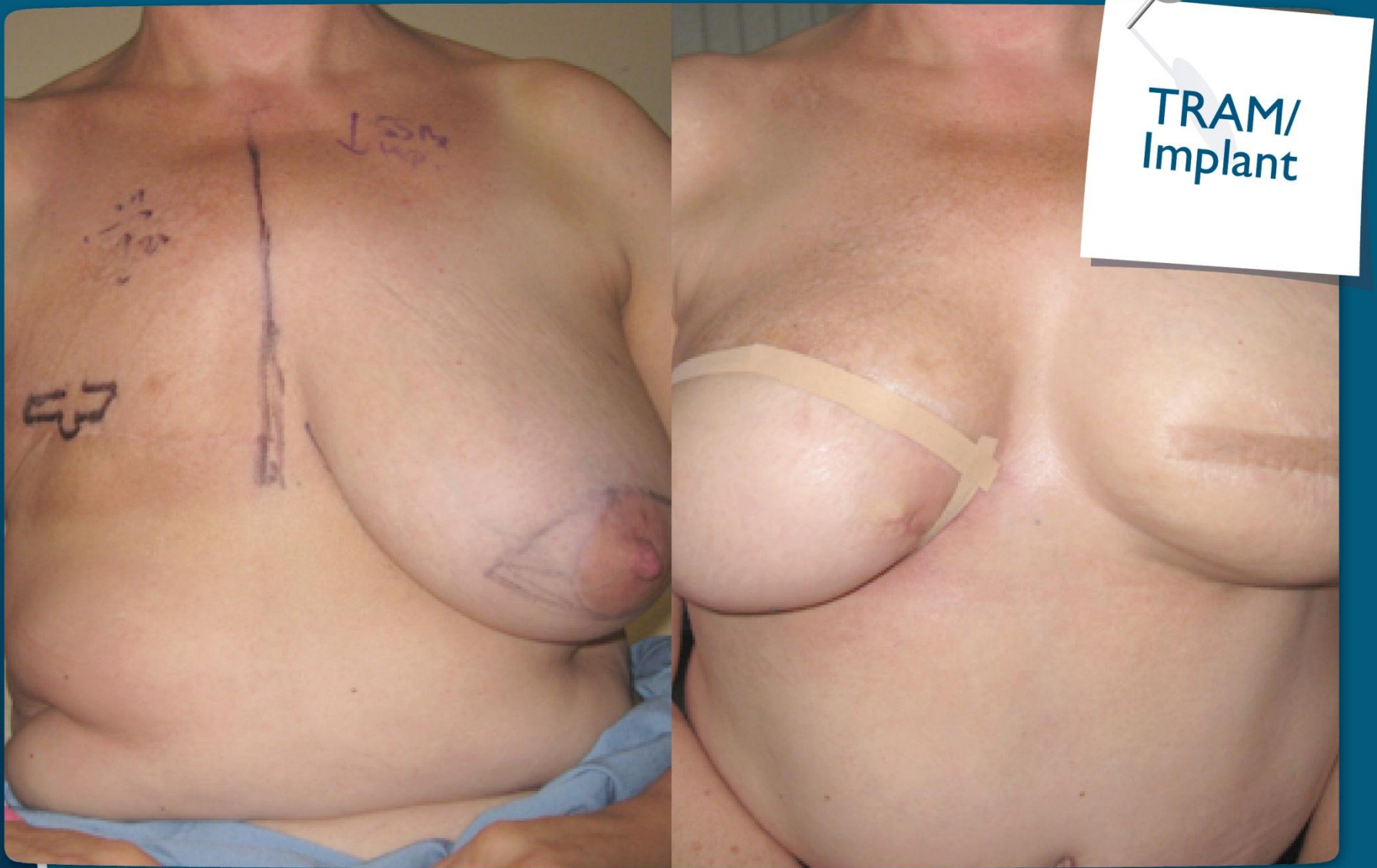


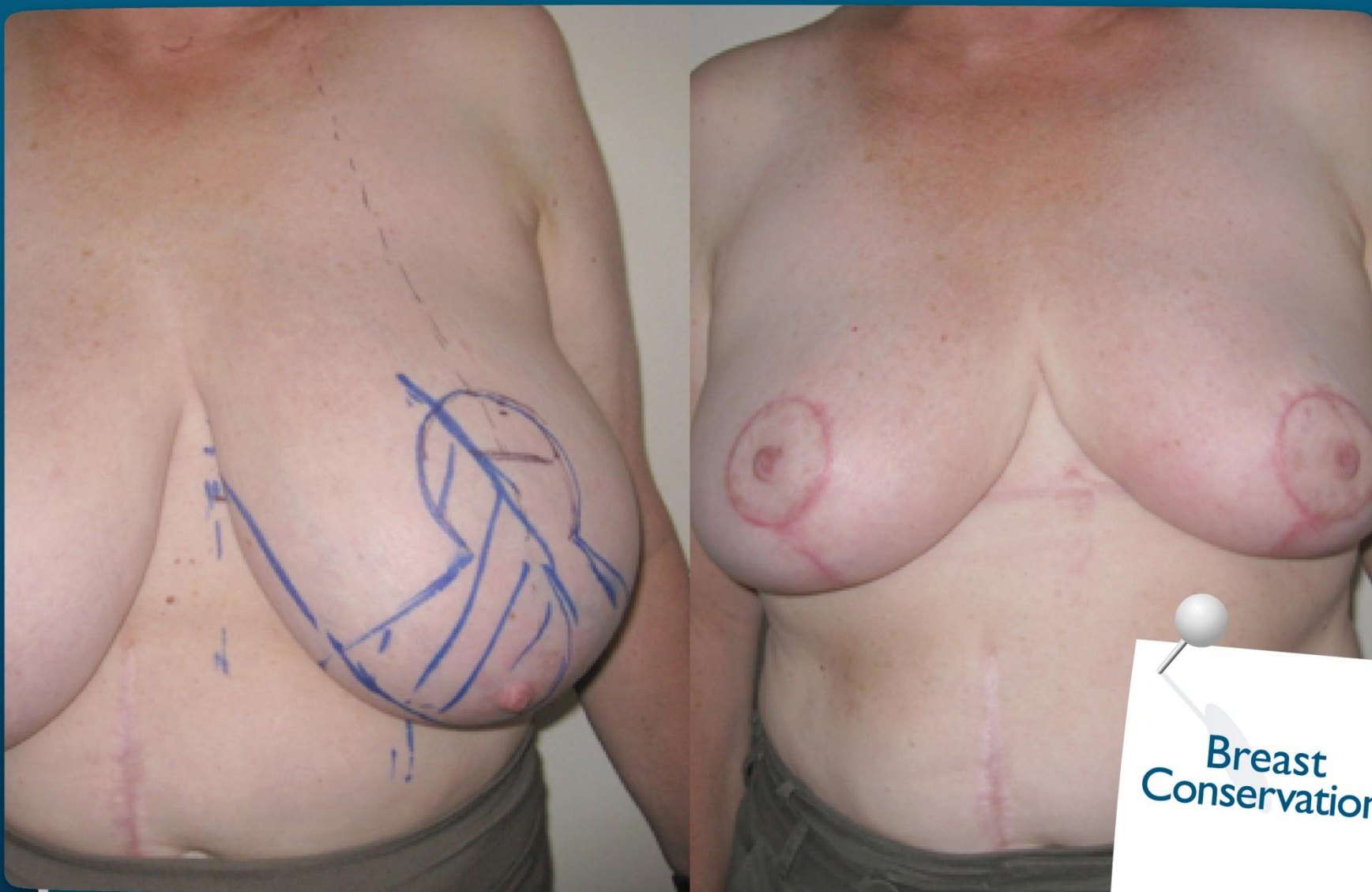
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Breast
Conservation



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Breast
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Breast Reduction



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Breast
Reduction



Breast
Reduction



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Massive
Weight Loss



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Mastopexy-
Weight Loss



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49