

# National Mastectomy & Breast Reconstruction Audit Datasheet – Delayed Reconstruction

## Patient Registration data

**Surname** \_\_\_\_\_ **Forename** \_\_\_\_\_  
**NHS/Private Hospital Number** \_\_\_\_\_ **Date of birth** \_\_\_\_\_  
**Postcode** \_\_\_\_\_ **Ethnicity** \_\_\_\_\_

## Patient-reported outcomes consent

**Has this patient consented to being sent outcome questionnaires?**

- Patient has consented to receive questionnaires
- Patient does not want to receive questionnaires
- Patient judged incapable of completing a written questionnaire in English
- Patient was capable but not asked whether they were happy to receive questionnaire

**Reason patient was judged incapable of completing the questionnaires (if applicable):**

- Poor eyesight
- Literacy or language comprehension problems
- Cognitive impairment

**DO NOT SUBMIT DATA ELECTRONICALLY UNTIL THIS SECTION IS COMPLETED**

## Previous treatment data

**Date of breast cancer diagnosis:** \_\_\_\_\_

**Date of original mastectomy:** \_\_\_\_\_

**Treatments for ipsilateral breast cancer prior to this admission (please select all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> None  | <input type="checkbox"/> Breast-conserving surgery |
| <input type="checkbox"/> Axillary surgery (including Sentinel Node Bx) | <input type="checkbox"/> Radiotherapy              |
| <input type="checkbox"/> Chemotherapy                                  | <input type="checkbox"/> Hormone Therapy           |

## Co-morbidity data

**Smoking status:**

- Current smoker
- Ex-smoker
- Never smoked

**ASA Grading (from pre-operative assessment):**

- I – Normal healthy individual
- II – Mild systemic disease that does not limit activity
- III – Severe systemic disease that limits activity but is not incapacitating
- IV – Incapacitating systemic disease which is constantly life-threatening

**Body mass index:**

Weight/kg \_\_\_\_\_

Height/m \_\_\_\_\_

BMI (W/H<sup>2</sup>) \_\_\_\_\_

**Pre-operative performance status (ECOG/WHO):**

**Diabetes status:**

- Not diabetic
- Type I diabetes
- Type II diabetes

- 0 - Fully active
- 1 - Light/office work
- 2 – Ambulatory / self care, up and about > 50% of the time
- 3 - Limited self care, confined to bed / chair > 50% waking hours
- 4 - Completely disabled, no self care and totally confined to bed / chair



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## Pathology data (from post-operative histology report)

**Tumour laterality:**                     Right                     Left  
**Invasive status:**                     Invasive                     DCIS (ductal carcinoma in situ)

**Grade of DCIS or Invasive Carcinoma:**  
 1 – low (DCIS) or well differentiated (invasive)  
 2 – intermediate (DCIS) or moderately differentiated (invasive)  
 3 – high (DCIS) or poorly differentiated (invasive)

**Lymph node involvement:**  
 ( \_\_\_\_\_ / \_\_\_\_\_ )  
 (number of positive axillary nodes / total number of axillary nodes in pathology specimen)

**Invasive lesion size (mm):** \_\_\_\_\_  
**Recorded Nottingham Prognostic Index Score (if invasive):** \_\_\_\_\_

## Delayed reconstruction data

**Date of admission for surgery:** \_\_\_\_\_

**Date of delayed reconstruction:** \_\_\_\_\_

### **Type of delayed primary reconstruction performed (please select all that apply):**

- |  |  |
|--|--|
| <input type="checkbox"/> Tissue expander       | <input type="checkbox"/> SIEA free flap        |
| <input type="checkbox"/> Fixed volume implant  | <input type="checkbox"/> TDAP flap             |
| <input type="checkbox"/> Latissimus Dorsi flap | <input type="checkbox"/> TMG/TUG free flap     |
| <input type="checkbox"/> TRAM pedicle flap     | <input type="checkbox"/> SGAP free flap        |
| <input type="checkbox"/> TRAM free flap        | <input type="checkbox"/> IGAP free flap        |
| <input type="checkbox"/> DIEP free flap        | <input type="checkbox"/> Nipple reconstruction |

### **Type of contralateral symmetrisation surgery performed (please select all that apply):**

- |   |  |
|---|--|
| <input type="checkbox"/> None                     | <input type="checkbox"/> Reduction mammoplasty           |
| <input type="checkbox"/> Tissue expander          | <input type="checkbox"/> Mastopexy (skin reduction only) |
| <input type="checkbox"/> Augmentation mammoplasty |  |

### **Planned secondary reconstructive procedures:**

- Tissue expansion of breast mound
- Exchange of expander for fixed volume implant
- Nipple reconstruction
- Areolar tattooing
- Symmetrisation procedure
- Exchange of implant/expander for autologous flap



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## Reconstructive decision-making data

Was immediate reconstruction originally offered to this patient?  Yes  No

If immediate reconstruction was not offered, why was this? (please select all that apply)

### Patient appropriateness for surgery (at time of mastectomy):

- Advanced stage of disease
- Concerns about local recurrence
- Age of patient
- Degree of co-morbidity (e.g. cardio-respiratory disease)
- Lifestyle factors (e.g. smoking)
- Cognitive impairment
- Mental health issues (e.g. psychiatric illness)

### Treatment pathway issues (at time of mastectomy):

- Patient has undergone recent neo-adjuvant chemotherapy
- Adjuvant radiotherapy to chest wall anticipated for this patient
- Reconstructive surgery would delay other anticipated adjuvant therapies

### Service access issues (at time of mastectomy):

- Immediate reconstruction not available locally
- Immediate reconstruction would have significantly delayed mastectomy surgery



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## Peri-operative morbidity data

Date of discharge: \_\_\_\_\_

Return to theatre during admission

Yes

No

Emergency transfer to HDU or ITU during admission

Yes

No

Death during admission

Yes

No

## In-patient complications (please select all that apply):

### Complications requiring therapeutic intervention at:

**Mastectomy  
site**

**Flap donor  
site  
(if applicable)**

None

Wound infection requiring intravenous antibiotics

Wound infection requiring surgical debridement

Skin flap necrosis requiring surgical debridement

Wound dehiscence requiring re-closure

Haematoma or seroma requiring aspiration or drainage

### Flap-related complications requiring therapeutic intervention:

Not applicable

None

Impaired flap perfusion requiring re-exploration or revision of anastomosis

Partial flap necrosis or failure requiring debridement

Total flap necrosis or failure requiring removal

### Implant/expander-related complications requiring therapeutic intervention:

Not applicable

None

Displaced implant/expander requiring re-positioning

Infected implant/expander requiring intravenous antibiotic therapy

Infected implant/expander requiring removal

Ruptured implant/expander requiring removal

### Distant or systemic complications requiring therapeutic intervention:

None

Haemorrhage requiring blood transfusion

Deep venous thrombosis (DVT) requiring formal anticoagulation

Pulmonary embolism (PE) requiring formal anticoagulation

Acute myocardial infarction (MI) requiring anticoagulation +/- thrombolysis



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