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):

- ☐ None
- ☐ Axillary surgery (including Sentinel Node Bx)
- ☐ Chemotherapy
- ☐ Breast-conserving surgery
- ☐ Radiotherapy
- ☐ Hormone Therapy

Co-morbidity data

Smoking status:

- ☐ Current smoker
- ☐ Ex-smoker
- ☐ Never smoked

Body mass index:

Weight/kg _____

Height/m _____

BMI (W/H^2) _____

Diabetes status:

- ☐ Not diabetic
- ☐ Type I diabetes
- ☐ Type II diabetes

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

Pre-operative performance status (ECOG/WHO):

- ☐ 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):

- ☐ Tissue expander
- ☐ Fixed volume implant
- ☐ Latissimus Dorsi flap
- ☐ TRAM pedicle flap
- ☐ TRAM free flap
- ☐ DIEP free flap
- ☐ SIEA free flap
- ☐ TDAP flap
- ☐ TMG/TUG free flap
- ☐ SGAP free flap
- ☐ IGAP free flap
- ☐ Nipple reconstruction

Type of contralateral symmetrisation surgery perfomed (please select all that apply):

- ☐ None
- ☐ Tissue expander
- ☐ Augmentation mammoplasty
- ☐ Reduction mammoplasty
- ☐ Mastopexy (skin reduction only)

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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