

	Variables/measures	Method	Timepoint
Demographic data	Age, sex, race, employment, level of education	Medical records	Baseline
Health-related data	Smoking habits, alcohol consumption, BMI, medical consumption, medical comorbidities	Medical records	Baseline
Cancer-related data	Indication for the mastectomy (oncologic or prophylactic), adjuvant therapy (radiation-, chemo- or endocrine therapy), time from neoadjuvant treatment to surgery	Medical records	Baseline
Surgery related data	Lymph node dissection (None, sentinel node, axillary dissection), operation time, type of breast reconstruction, type and dose of peroperative antibiotic, operating plastic surgeon, mastectomy weight, implant type and size, use of ICG-angiography and SPY measurements	Medical records	Postoperative
Post-surgery related data	Time to drain removal, postoperative hospitalisation time	Medical records	Postoperative
Complications	Hematoma requiring surgical intervention, cellulitis/wound infection (and treatment), necrosis or epidermolysis of the skin flaps at the reconstructed breast, implant loss, red breast syndrome, seroma requiring intervention	Medical records	Postoperative
Breast aesthetic related data	J-P, PI, M-P, and base measurements Aesthetic outcome Scar assessment	Medical records BRA score Patient and Observer Scar Assessment Score (POSAS)	Baseline, postoperative

Wellbeing	QoL Depression Body image Patient-reported satisfaction Concerns about recurrence	Satisfaction with Life Scale (SWLS) Beck Depression Inventory (BDI) Hopwood's Body Image Scale (BIS) BREAST-Q Concerns about recurrence Questionnaire (CARQ-3)	Baseline, postoperative
Lymphoedema	Stage of lymphoedema if present	<ul style="list-style-type: none"> • Centimetre circumference of the arm, every 4th centimetre from the axillae to the most distal point on the wrist. • Hand measured using figure-of-eight in centimetres • SOZO bioimpedance spectroscopy. 	Baseline, postoperative
Shoulder mobility	Shoulder range of motion	By goniometer on a full circle	Baseline, postoperative