



BAPRAS

British Association of Plastic
Reconstructive and Aesthetic Surgeons

BAPRAS UK National Flap Registry

Upload-My-Data file specification

Version: 1.0

dated 24 Jun 2019

Glossary of terms and definitions

Field Separator

The Field Separator is a character that is used to separate the values between fields. Any suitable character can be used, as long as it does not occur in any field value. The recommended field separator is a **TAB character**, although punctuation characters like a vertical bar or a caret may also be used. We recommend that files do not use a comma as a separator, as this can cause problems, such as when saving files as text from Excel.

Multi-choice separator

The Multi-choice separator (MCS) is a character that is used to separate values in a multi-choice field containing two or more coded values. This separator should be included in the first column of each row of every upload file. The separator may be a vertical bar, a semicolon, a caret, *etc.* as long as it is a character that will not occur in any of the multi-choice codes for any field and is different from the field separator. We recommend that files do not use comma as a separator, as it can cause problems, such as when saving files as text from Excel.

Layout specification version

Layout Specification Version is the version of layout defined by this specification. For this specification the column should contain the value 2. This allows the Upload-My-Data utility to check that the data files being imported are interpreted using the correct definition.

Submit Group code (SUBMITCODE)

The Submit Group code is an alpha code that is used to identify the group to which the data belong. The code will be provided to each person who registers on the system by the Project / Dendrite administration team. Each record in the upload files must be tagged with a valid Submit Group code, otherwise the file will be rejected out-of-hand.

Demographic Identifier (DEMOGID)

DEMOGID is a value that uniquely identifies each patient within a batch of Upload-My-Data files. Only one patient record is created for each DEMOGID. If there are multiple Baseline records for a given patient, they must all have the same DEMOGID. This will typically be an integer value, such as a RowID from the source database's demographic data table.

For system with a Patient Demographic file the DEMOGID is also used to link Baseline records to the Patient file.

Identifiers

The IMPORTLINKID is an integer value that is used to identify each record in the Baseline upload file. It is also used to link the data in the Baseline upload file to the other upload files in the set, since every record must ultimately belong to a parent baseline record.

The IMPORTCHILDID is an integer value that is used to identify each record in Followup or other child table upload files. It is used primarily as a way of linking the data in these files back to the original source database records.

The FLAPOPID is used to link the data in the main operation table (FLAPOP) to the donor and recipient information.

Primary Patient Identifier (PPI)

This is the primary number by which a patient is known; out of preference the NHS Number or CHI Number should be used where available. If the number supplied is a Local Hospital Number, the Hospital Code identifying the hospital site must also be provided.

Primary Patient Identifier type

Every patient **must** have at least one Primary ID, which can be any one of 6 kinds: NHS Number, CHI Number, Local Hospital Number, Private Patient Hospital Number, Foreign Patient Hospital Number or Armed Forces Number. The patient file must include indication of what type of PPI is provided.

Hospital (Site) Code

This a coded value that uniquely identifies an individual hospital. It must be provided where the Primary ID is a Local Hospital Number. The codes to be used for particular hospitals will be supplied by Database Administration / Dendrite.

Importance

This can be one of the values: Mandatory, Desirable or Optional

- **Mandatory** must be present in the record; any record with missing mandatory data will **not** be imported into the database.
- **Desirable** deemed to be important for data analysis, but not a requisite for an entry in the merged registry.
- **Optional** part of the minimum dataset, but neither mandatory nor desirable.

If Mandatory or desirable field marked with an asterisk * indicates that the question is conditional on a response to a preceding question. That is, it may only be mandatory / desirable if another question has been answered with a specified option (or options).

Database field types

Date

All date data must be in ODBC format: yyyy-mm-dd *e.g.*, 2012-04-23

Time

All time data must be in ODBC format: hh:nn:ss *e.g.*, 12:43:22

DateTime

All date-time data must be in ODBC format: yyyy-mm-dd hh:nn:ss *e.g.*, 2012-04-23 12:43:22

SingleChoice

One code value only. The code should be supplied alone, not the description. The codes will be listed with the question unless there are a large number, when the codes will be listed in a separate table at the end of the document.

MultiChoice

One or more code values. Only the code(s) should be supplied, not the descriptions. The codes will be listed with the question unless there are a large number, when the codes will be listed in a separate table at the end of the document.

Multiple codes should be separated by your defined delimiter of choice (see Multi-choice separator on page 2); *e.g.*, 1,2,3.

Integer

A whole number such as 1 or 25 or 55 or 105, providing the question's constraints are not breached.

Floating point

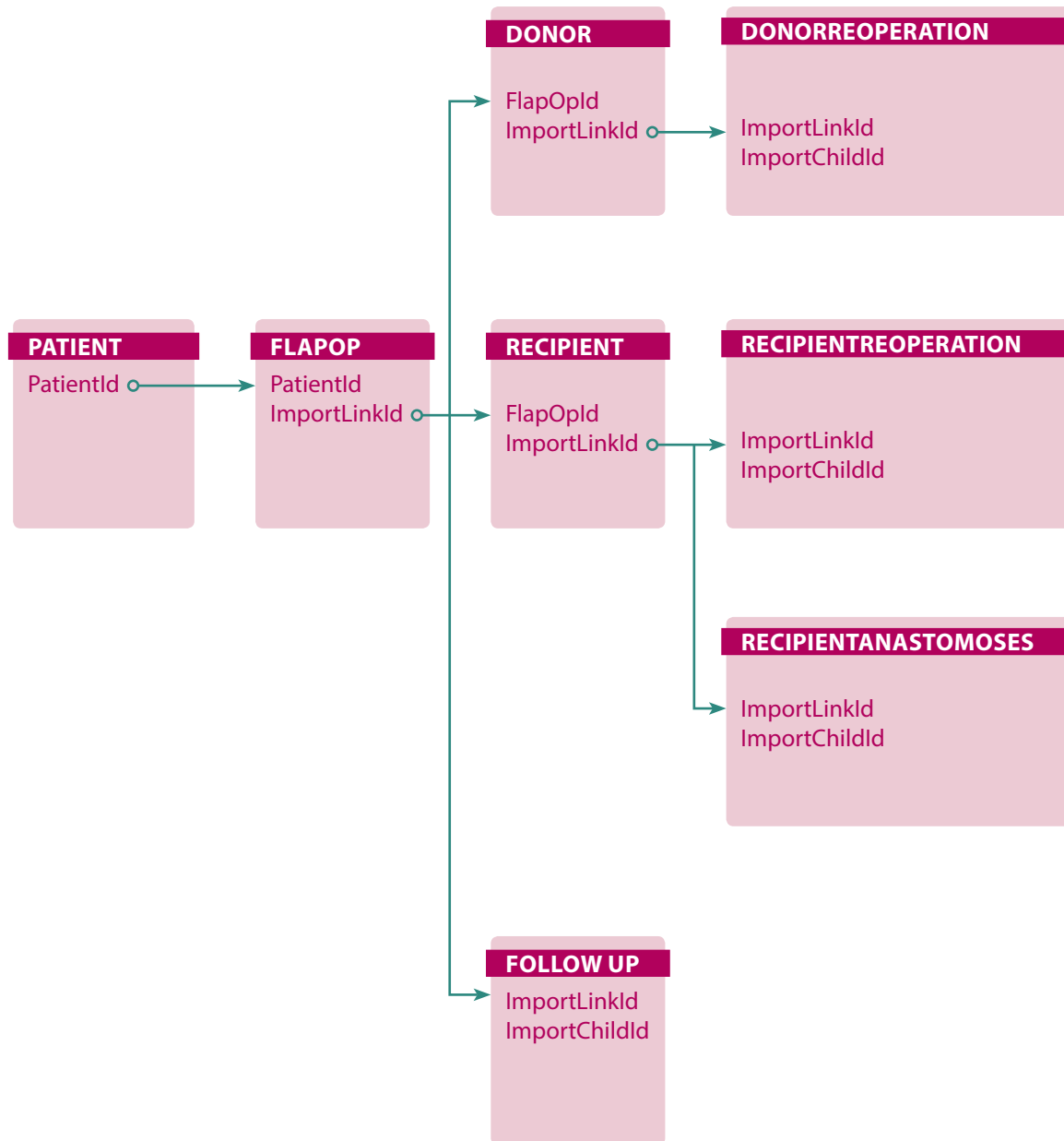
Numeric values like 0.54 or 243.21, providing the question's constraints are not breached.

String

Any combination of characters excepting control characters. Only a single line of text is permitted; control characters such as carriage returns are not acceptable. The following control characters can be included by substituting the appropriate token(s) in the code: Tab (ASCII 9) → `[[TAB]]`; Line Feed (ASCII 10) → `[[LF]]`; Carriage Return (ASCII 13) → `[[CR]]`.

Other conditions / limitations for specific string fields are detailed on a field-by-field basis.

Database schema



Upload file

Patient

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Patient Record Identifier
Forename
Surname
Date Of Birth
Gender
Hospital Code
Hospital Number
NHS Number
CHI
Forces Number
Private Number
Foreign Number

Field title	Importance	Min value	Max value	Values allowed
Header field name				
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			String: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Patient Record Identifier				
DEMOGID	Mandatory			String: can contain any value.
Forename				
FORENAME	Mandatory			ShortString: maximum of 1,024 characters.
Surname				
SURNAME	Mandatory			ShortString: maximum of 1,024 characters.
Date Of Birth				
DATEOFBIRTH	Mandatory			Date: ODBC date as yyyy-mm-dd.
Gender				
GENDER	Mandatory			SingleChoice: the code only. 1 - Male 2 - Female 3 - Unknown
Hospital Code				
HOSPITALCODE	Optional			ShortString: maximum of 1,024 characters.
Hospital Number				
HOSPITALNUMBER	Optional			ShortString: maximum of 1,024 characters.
NHS Number				
NHSNUMBER	Optional			ShortString: maximum of 1,024 characters.

Field title				
Header field name	Importance	Min value	Max value	Values allowed
CHI				
CHI	Optional			ShortString: maximum of 1,024 characters.
Forces Number				
FORCESNUMBER	Optional			ShortString: maximum of 1,024 characters.
Private Number				
PRIVATENUMBER	Optional			ShortString: maximum of 1,024 characters.
Foreign Number				
FOREIGNNUMBER	Optional			ShortString: maximum of 1,024 characters.

Upload file

Flapop

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Patient identifier
Import link ID
Date of operations
Funding Category
Hospital
Has the patient consented for PROMs follow up
Patient's mobile phone number
Patient's email address
Smoking history
Average alcohol consumption
Diabetes treatment
Steroids
Pre-operative radiotherapy
Pre-operative chemotherapy
Extra-cardiac arteriopathy
Ischaemic heart disease
Hypertension
Pulmonary disease
Neurological dysfunction
Height
Weight
ASA grade
Skin-to-skin operating time
VTE prophylaxis
Antibiotics
Heparin
Inotropes
Tranexamic acid
Mesh insertion
Drains
Operation details (free text)
Post-operative chemotherapy
Post-operative radiotherapy
Admission to ITU after procedure
Type of Admission to ITU
Patient status at discharge
Cause of death
Date of discharge / death
Unplanned Readmission to Hospital
Date of unplanned readmission to hospital

Field title	Importance	Min value	Max value	Values allowed
Header field name				
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			Integer: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Patient identifier				
DEMOGID	Mandatory			String: can contain any value.
Import link ID				
IMPORTLINKID	Mandatory			Integer: enter a whole number.
Date of operations				
DATEOFOPERATIONS	Mandatory			Date: ODBC date as yyyy-mm-dd.
Funding Category				
FUNDINGCATEGORY	Optional			SingleChoice: the code only. 1 - NHS 2 - Private
Hospital				
HOSPITAL	Optional			SingleChoice: the code only see table: OSITE
Has the patient consented for PROMs follow up				
HASTHEPATIENTCONSENTEDFORPROMSFOLLOWUP	Optional			SingleChoice: the code only. 0 - No 1 - Yes
Patient's mobile phone number				
PATIENTSMOBILEPHONENUMBER	Optional			ShortString: maximum of 1,024 characters.
Patient's email address				
PATIENTSEMAILADDRESS	Optional			ShortString: maximum of 1,024 characters.

Field title	Importance	Min value	Max value	Values allowed
Smoking history				
Header field name SMOKINGHISTORY	Desirable			SingleChoice: the code only. 0 - Never smoked 1 - Ex-smoker 2 - Current smoker
Average alcohol consumption				
Header field name AVERAGEALCOHOLCONSUMPTION	Desirable			SingleChoice: the code only. 1 - Within limits 2 - Over limits
Diabetes treatment				
Header field name DIABETESTREATMENT	Desirable			SingleChoice: the code only. 0 - No diabetes 1 - Diet control 2 - Oral therapy 3 - Insulin (with or without oral)
Steroids				
Header field name STEROIDS	Desirable			SingleChoice: the code only. 0 - No 1 - Yes
Pre-operative radiotherapy				
Header field name PREOPERATIVERADIOOTHERAPY	Desirable			SingleChoice: the code only. 0 - No 1 - Yes
Pre-operative chemotherapy				
Header field name PREOPERATIVECHEMOTHERAPY	Desirable			SingleChoice: the code only. 0 - No 1 - Yes

Field title	Importance	Min value	Max value	Values allowed
Extra-cardiac arteriopathy				
EXTRACARDIACARTERIOPATHY	Desirable			SingleChoice: the code only. 0 - No 1 - Yes
Ischaemic heart disease				
ISCHAEMICHEARTDISEASE	Desirable			SingleChoice: the code only. 0 - No 1 - Yes
Hypertension				
HYPERTENSION	Desirable			SingleChoice: the code only. 0 - No 1 - Treated or BP >140 / 90
Pulmonary disease				
PULMONARYDISEASE	Desirable			SingleChoice: the code only. 0 - None 1 - COPD / emphysema 2 - Asthma
Neurological dysfunction				
NEUROLOGICALDYSFUNCTION	Desirable			SingleChoice: the code only. 0 - No 1 - Yes
Height				
HEIGHT	Optional			Integer: enter a whole number.
Weight				
WEIGHT	Optional			Floating point: enter a numeric value.

Field title	Importance	Min value	Max value	Values allowed
ASA grade				
ASAGRADE	Desirable			SingleChoice: the code only. 1 - ASA 1 2 - ASA 2 3 - ASA 3 4 - ASA 4 5 - ASA 5
Skin-to-skin operating time				
TOTALOPERATIONTIME	Optional			SingleChoice: the code only. 1 - <3 hours 2 - 3-5 hours 3 - 6-9 hours 4 - >9 hours
VTE prophylaxis				
VTEPROPHYLAXIS	Optional			MultiChoice: the code(s) only. 0 - None 1 - TEDS 2 - SCCDS 3 - LMWH 4 - Other mechanical 5 - Other chemical 9 - Unknown
Antibiotics				
ANTIBIOTICS	Optional			SingleChoice: the code only. 0 - None 1 - Single dose 2 - 24 hours 3 - >24 hours 9 - Unknown

Field title	Importance	Min value	Max value	Values allowed
Heparin				
HEPARIN	Optional			SingleChoice: the code only. 0 - None 1 - Systemic 2 - To anastomosis 9 - Unknown
Inotropes				
INOTROPES	Optional			SingleChoice: the code only. 0 - No 1 - Yes 9 - Unknown
Tranexamic acid				
TRANEXAMICACID	Optional			SingleChoice: the code only. 0 - No 1 - Yes 9 - Unknown
Mesh insertion				
MESHINSERTION	Optional			SingleChoice: the code only. 0 - No 1 - Yes 9 - Unknown
Drains				
DRAINS	Optional			MultiChoice: the code(s) only. 0 - None 1 - Recipient site(s) 2 - Donor site(s) 9 - Unknown
Operation details (free text)				
OPERATIONDETAILSFREETEXT	Optional			String data (max 150000 chars)

Field title	Importance	Min value	Max value	Values allowed
Post-operative chemotherapy				
POSTOPERATIVECHEMOTHERAPY	Optional			SingleChoice: the code only. 0 - No 1 - Planned 2 - Given
Post-operative radiotherapy				
POSTOPERATIVERADIOOTHERAPY	Optional			SingleChoice: the code only. 0 - No 1 - Planned 2 - Given
Admission to ITU after procedure				
ADMISSIONTOITUAFTERPROCEDURE	Optional			SingleChoice: the code only. 0 - No 1 - Yes (<24 hours) 2 - Yes (>24 hours)
Type of Admission to ITU				
TYPEOFADMISSIONTOITU	Optional			SingleChoice: the code only. 1 - Planned 2 - Unplanned
Patient status at discharge				
PATIENTSTATUSATDISCHARGE	Optional			SingleChoice: the code only. 0 - Alive 1 - Deceased
Cause of death				
CAUSEOFDEATH	Optional			MultiChoice: the code(s) only. 1 - Cardiovascular 2 - Sepsis 3 - Respiratory 4 - Multi-organ failure 5 - PE 9 - Other

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Date of discharge / death				
DATEOFDISCHARGEDEATH	Optional			Date: ODBC date as yyyy-mm-dd.
Unplanned Readmission to Hospital				
UNPLANNEDREADMISSIONTOHOSPITAL	Optional			SingleChoice: the code only. 0 - No 1 - Yes
Date of unplanned readmission to hospital				
DATEOFUNPLANNEDREADMISSIONTOHOSPITAL	Optional			Date: ODBC date as yyyy-mm-dd.

Upload file

Donor

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Import link ID
Recipient Import Link ID(s) linking to this Donor record
Date of operation
FLAPOP ID
Donor or recipient
Consultant responsible for raising donor
Grade of donor raise surgeon
Donor site
Donor type
Flap name
Side
Donor composition
Consultant responsible for closing donor site
Grade of donor closure surgeon
Any re-operations
Flap Survival at Recipient Site at Discharge

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			Integer: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Import link ID				
IMPORTLINKID	Mandatory			Integer: enter a whole number.
Recipient Import Link ID(s) linking to this Donor record				
RECIPIENTIMPORTLINKIDS	Desirable			ShortString: This holds the IMPORTLINKIDs from the data in the Recipient file that link to the Donor. If the Donor links to multiple Recipient entries, please use the multichoice separator (S) to separate them.
Date of operation				
DATEOFOPERATION	Mandatory			Date: ODBC date as yyyy-mm-dd.
FLAPOP ID				
FLAPOPID	Mandatory			Integer: enter a whole number.
Donor or recipient				
DONORORRECIPIENT	Optional			SingleChoice: the code only. 1 - Donor

Field title	Importance	Min value	Max value	Values allowed
Header field name				
Consultant responsible for raising donor				
CONSULTANTRESPONSIBLEFORRAISINGFLAP	Mandatory			SingleChoice: the code only see table: GMC
Grade of donor raise surgeon				
GRADEOFDONORRAISESURGEON	Optional			SingleChoice: the code only. 1 - Consultant 2 - Fellow 3 - ST 7/8 4 - SAS 5 - ST 3/6 6 - CT 1/2/3 7 - FY 1/2
Donor site				
DONORSITE	Optional			SingleChoice: the code only. 1 - Head & neck 2 - Trunk front 3 - Trunk back 4 - Upper limb 5 - Lower limb
Donor type				
DONORTYPE	Optional			SingleChoice: the code only. 1 - Pedicled 2 - Free
Flap name				
FLAPNAME	Optional			SingleChoice: the code only see table: FLAPNAME
Side				
SIDE	Optional			SingleChoice: the code only. 1 - Right 2 - Left 3 - Midline 4 - Bipedicled

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Donor composition				
DONORCOMPOSITION	Optional			MultiChoice: the code(s) only. 1 - Skin/fat 2 - Superthin 3 - Fasciocutaneous 4 - Any expanded 5 - Neurovascular 6 - Innervated 7 - Fascial 8 - Galeal 9 - Muscle 10 - Musculocutaneous 11 - Bone 12 - Osteocutaneous 13 - Composite 14 - Replanted part 15 - Prefabricated 19 - Other
Consultant responsible for closing donor site				
CONSULTANTRESPONSIBLEFORCLOSINGDONORSITE	Mandatory			SingleChoice: the code only see table: GMC
Grade of donor closure surgeon				
GRADEOFDONORCLOSURESURGEON	Optional			SingleChoice: the code only. 1 - Consultant 2 - Fellow 3 - ST 7/8 4 - SAS 5 - ST 3/6 6 - CT 1/2/3 7 - FY 1/2
Any re-operations				
ANYREOPERATIONS	Optional			SingleChoice: the code only. 0 - No 1 - Yes

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Flap Survival at Recipient Site at Discharge				
FLAPSURVIVALATRECIPIENTSITEATDISCHARGE	Optional			SingleChoice: the code only. 0 - 100% - Complete Survival 1 - Partial Survival 2 - Zero Survival 9 - Buried Flap

Upload file

DonorReoperation

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Import link ID
Import Child ID
Type of entry
Date of re-operation
Donor re-operation

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			Integer: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Import link ID				
IMPORTLINKID	Mandatory			Integer: enter a whole number.
Import Child ID				
IMPORTCHILDID		Optional		Integer: enter a whole number.
Type of entry				
TYPEOFENTRY		Optional		SingleChoice: the code only. 2 - Re-operation
Date of re-operation				
DATEOFREOPERATION	Mandatory			Date: ODBC date as yyyy-mm-dd.
Donor re-operation				
DONORREOPERATION		Optional		MultiChoice: the code(s) only. 1 - Haematoma / seroma evacuation 2 - Graft 3 - Change of dressing 4 - Re-sutured 5 - VAC 6 - Sepsis / abscess 7 - Debridement 9 - Other

Upload file

Recipient

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Import link ID
Date of operation
FLAPOP ID
Donor or recipient
Recipient site
Head & neck
Head & neck external
Head & neck internal
Head & neck recipient arteries
Head & neck recipient veins
Trunk
Trunk external anterior
Trunk internal
Trunk external posterior
Trunk recipient arteries
Trunk recipient veins
Perineum
Perineum external
Perineum recipient arteries
Perineum recipient veins
Upper limb
Upper limb recipient arteries
Upper limb recipient veins
Lower limb
Lower limb recipient arteries
Lower limb recipient veins
Breast recipient arteries
Breast recipient veins
Type of breast surgery
Post-mastectomy chemotherapy
Post-mastectomy radiotherapy
Side

Recipient indication
Infection indications
Exposed anatomy
Tumour type
Consultant responsible for recipient preparation
Grade of recipient prep surgeon
Consultant responsible for recipient inset
Grade of recipient inset surgeon
Any re-operations
Any anastomoses at this recipient site

Field title	Importance	Min value	Max value	Values allowed
Header field name				
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			Integer: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Import link ID				
IMPORTLINKID	Mandatory			Integer: enter a whole number.
Date of operation				
DATEOFOPERATION	Mandatory			Date: ODBC date as yyyy-mm-dd.
FLAPOP ID				
FLAPOPID	Mandatory			Integer: enter a whole number.
Donor or recipient				
DONORORRECIPIENT	Optional			SingleChoice: the code only. 2 - Recipient
Recipient site				
RECIPIENTSITE	Optional			SingleChoice: the code only. 1 - Head & neck 2 - Upper limb 3 - Trunk 4 - Perineum 5 - Lower limb 6 - Breast
Head & neck				
HEADNECK	Optional			MultiChoice: the code(s) only. 1 - External 2 - Internal

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Head & neck external				
HEADNECKEXTERNAL	Optional			MultiChoice: the code(s) only. 1 - Scalp / calvarium 2 - Base of skull 3 - Upper third of face 4 - Mid third of face 5 - Lower third of face 6 - Neck
Head & neck internal				
HEADNECKINTERNAL	Optional			MultiChoice: the code(s) only. 1 - Lip 2 - Tongue 3 - Floor of mouth 4 - Gingival / mandibular border 5 - Buccal 6 - Mandible 7 - Nasopharynx 8 - Pharynx 9 - Maxilla 10 - Intracranial
Head & neck recipient arteries				
HEADNECKRECIPIENTARTERIES	Optional			SingleChoice: the code only. 1 - Facial 2 - Lingual 3 - Superior thyroid 4 - External carotid 5 - Transverse cervical 6 - Superficial temporal 9 - Other

Field title	Importance	Min value	Max value	Values allowed
Head & neck recipient veins				
HEADNECKRECIPIENTVEINS	Optional			SingleChoice: the code only. 1 - External Jugular 2 - Internal Jugular 3 - Retromandibular 4 - Common Facial 5 - Lingual 6 - Cephalic 7 - Superficial temporal 9 - Other
Trunk				
TRUNK	Optional			MultiChoice: the code(s) only. 1 - External anterior 2 - External lateral 3 - External posterior 4 - Internal
Trunk external anterior				
TRUNKEXTERNALANTERIOR	Optional			MultiChoice: the code(s) only. 2 - Sternum 3 - Chest wall 9 - Other
Trunk internal				
TRUNKINTERNAL	Optional			SingleChoice: the code only. 1 - Intrathoracic 2 - Intraabdominal
Trunk external posterior				
TRUNKEXTERNALPOSTERIOR	Optional			MultiChoice: the code(s) only. 1 - Spine 2 - Buttock 3 - Chest wall 9 - Other

Field title	Importance	Min value	Max value	Values allowed
Trunk recipient arteries				
TRUNKRECIPIENTARTERIES	Optional			SingleChoice: the code only. 1 - Internal mammary 2 - Thoracodorsal 3 - Subscapular 4 - Lateral thoracic 5 - Gluteal 9 - Other
Trunk recipient veins				
TRUNKRECIPIENTVEINS	Optional			SingleChoice: the code only. 1 - Internal mammary 2 - Thoracodorsal 3 - Lateral thoracic 4 - Circumflex scap 5 - Cephalic 6 - Gluteal 9 - Other
Perineum				
PERINEUM	Optional			MultiChoice: the code(s) only. 1 - External 2 - Intra-pelvic
Perineum external				
PERINEUMEXTERNAL	Optional			MultiChoice: the code(s) only. 1 - Inguinal 2 - Scrotum 3 - Penis 4 - Vulva 5 - Vagina 6 - Perianal 7 - Rectum 9 - Other

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Perineum recipient arteries				
PERINEUMRECIPIENTARTERIES	Optional			SingleChoice: the code only. 1 - Femoral 2 - Gluteal 9 - Other
Perineum recipient veins				
PERINEUMRECIPIENTVEINS	Optional			SingleChoice: the code only. 1 - Med/Lat circumflex femoral 2 - Sup/Inf gluteal 3 - Diev 4 - Long saphenous 9 - Other
Upper limb				
UPPERLIMB	Optional			MultiChoice: the code(s) only. 1 - Upper arm 2 - Elbow 3 - Forearm 4 - Wrist 5 - Hand
Upper limb recipient arteries				
UPPERLIMBRECIPIENTARTERIES	Optional			SingleChoice: the code only. 1 - Axillary 2 - Brachial 3 - Radial 4 - Ulnar 9 - Other

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Upper limb recipient veins				
UPPERLIMBRECIPIENTVEINS	Optional			SingleChoice: the code only. 1 - Axillary 2 - Basilic 3 - Cephalic 4 - Radial VC 5 - Ulnar VC 9 - Other
Lower limb				
LOWERLIMB	Optional			MultiChoice: the code(s) only. 1 - Thigh 2 - Knee 3 - Lower leg 4 - Ankle 5 - Foot
Lower limb recipient arteries				
LOWERLIMBRECIPIENTARTERIES	Optional			SingleChoice: the code only. 1 - Femoral 2 - Popliteal 3 - Posterior tibial 4 - Anterior tibial 5 - Dorsalis pedis 9 - Other

Field title	Importance	Min value	Max value	Values allowed
Lower limb recipient veins				
LOWERLIMBRECIPIENTVEINS	Optional			SingleChoice: the code only. 1 - External iliac 2 - Profunda femoris 3 - Femoral 4 - Popliteal 5 - Long saphenous 6 - Short saphenous 7 - Deep calf veins 8 - Posterior tibial VC 9 - Anterior tibial VC 10 - Dorsalis pedis VC 99 - Other
Breast recipient arteries				
BREASTRECIPIENTARTERIES	Optional			SingleChoice: the code only. 1 - Internal mammary 2 - Thoracodorsal 3 - Subscapular 4 - Lateral thoracic 9 - Other
Breast recipient veins				
BREASTRECIPIENTVEINS	Optional			SingleChoice: the code only. 1 - Internal mammary 2 - Thoracodorsal 3 - Lateral thoracic 4 - Circumflex scap 5 - Cephalic 9 - Other
Type of breast surgery				
TYPEOFBREASTSURGERY	Optional			SingleChoice: the code only. 1 - Mastectomy 2 - WLE

Field title	Importance	Min value	Max value	Values allowed
Header field name				
Post-mastectomy chemotherapy				
POSTMASTECTOMYCHEMOTHERAPY	Optional			SingleChoice: the code only. 0 - No 1 - Yes
Post-mastectomy radiotherapy				
POSTMASTECTOMYRADIOTHERAPY	Optional			SingleChoice: the code only. 0 - No 1 - Yes
Side				
SIDE	Optional			SingleChoice: the code only. 1 - Right 2 - Left 3 - Midline 4 - Bipedicled

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Recipient indication				
RECIPIENTINDICATION	Optional			MultiChoice: the code(s) only. 1 - Tumour immediate 2 - Tumour delayed 3 - Burn acute 4 - Burn secondary/delayed 5 - Trauma <72 hours 6 - Trauma 3-7 days 7 - Trauma >7 days 8 - Infection 9 - Exposed anatomy 10 - Exposed prosthesis 11 - Pressure sore 13 - Prior failed flap 14 - Craniofacial 15 - Facial palsy 16 - Congenital 19 - Other 20 - Risk reduction 21 - Radiation-induced
Infection indications				
INFECTIONINDICATIONS	Optional			SingleChoice: the code only. 1 - Osteomyelitis 2 - Necrotising fasciitis 9 - Other
Exposed anatomy				
EXPOSEDANATOMY	Optional			MultiChoice: the code(s) only. 1 - Tendon 2 - Nerve 3 - Vessel 4 - Bone 9 - Other

Field title	Importance	Min value	Max value	Values allowed
Tumour type				
TUMOURTYPE	Optional			MultiChoice: the code(s) only. 1 - Breast 2 - Colorectal 3 - Gynaecological 4 - Sarcoma 5 - SCC 6 - BCC 7 - MM 8 - Other skin 9 - Neuro oncology 19 - Other
Consultant responsible for recipient preparation				
RESPONSIBLEFORRECIPIENTPREPARATION	Mandatory			SingleChoice: the code only see table: GMC
Grade of recipient prep surgeon				
GRADEOFRECIPIENTPREPSURGEON	Optional			SingleChoice: the code only. 1 - Consultant 2 - Fellow 3 - ST 7/8 4 - SAS 5 - ST 3/6 6 - CT 1/2/3 7 - FY 1/2

Field title	Importance	Min value	Max value	Values allowed
Consultant responsible for recipient inset				
RESPONSIBLEFORRECIPIENTINSET	Mandatory			SingleChoice: the code only see table: GMC
Grade of recipient inset surgeon				
GRADEOFRECIPIENTINSETSURGEON	Optional			SingleChoice: the code only. 1 - Consultant 2 - Fellow 3 - ST 7/8 4 - SAS 5 - ST 3/6 6 - CT 1/2/3 7 - FY 1/2
Any re-operations				
ANYREOPERATIONS	Optional			SingleChoice: the code only. 0 - No 1 - Yes
Any anastomoses at this recipient site				
ANYANASTOMOSESATTHISRECIPIENTSITE	Optional			SingleChoice: the code only. 0 - No (pedicle flap only) 1 - Yes

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RecipientReoperation

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Import link ID
Import Child ID
Type of entry
Date of re-operation
Recipient re-operation

Field title	Importance	Min value	Max value	Values allowed
Header field name				
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			Integer: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Import link ID				
IMPORTLINKID	Mandatory			Integer: enter a whole number.
Import Child ID				
IMPORTCHILDID	Optional			Integer: enter a whole number.
Type of entry				
TYPEOFENTRY	Optional			SingleChoice: the code only. 2 - Re-operation

Field title	Importance	Min value	Max value	Values allowed
Header field name				
Date of re-operation				
DATEOFREOPERATION	Mandatory			Date: ODBC date as yyyy-mm-dd.
Recipient re-operation				
RECIPIENTREOPERATION	Optional			MultiChoice: the code(s) only. 1 - Haematoma / seroma evacuation 2 - Anastomosis redone (arterial) 3 - Anastomosis redone (venous) 4 - Flap repositioned 5 - Pedicle unkinked 6 - Whole flap removed 7 - Part of flap removed 8 - Grafted 9 - Debridement 10 - Amputation 11 - Exploration alone 12 - Sepsis / abscess 13 - Fat necrosis 14 - Removal of implant / prosthesis 19 - Other

Upload file

RecipientAnastomoses

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Import link ID
Import Child ID
Type of entry
Consultant responsible for anastomosis
Grade of surgeon performing the anastomosis
Timing of anastomosis
Vessel
Diameter
Pedicle length
Anastomosis
Suture or coupler used
Anastomosis with coupler
Suture
Free flap warm ischaemia time
Success of anastomosis

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			Integer: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Import link ID				
IMPORTLINKID	Mandatory			Integer: enter a whole number.
Import Child ID				
IMPORTCHILDID	Optional			Integer: enter a whole number.
Type of entry				
TYPEOFENTRY	Optional			SingleChoice: the code only. 1 - Anastomosis
Consultant responsible for anastomosis				
CONSULTANTRESPONSIBLEFORANASTOMOSIS	Optional			SingleChoice: the code only see table: GMC
Grade of surgeon performing the anastomosis				
GRADEOFSURGEONPERFORMINGTHEANASTOMOSIS	Optional			SingleChoice: the code only. 1 - Consultant 2 - Fellow 3 - ST 7/8 4 - SAS 5 - ST 3/6 6 - CT 1/2/3 7 - FY 1/2

Field title	Importance	Min value	Max value	Values allowed
Timing of anastomosis				
TIMINGOFANASTOMOSIS	Optional			SingleChoice: the code only. 1 - First Attempt 2 - Subsequent Attempt 3 - Re-operation
Vessel				
VESSEL	Optional			SingleChoice: the code only. 1 - Artery 2 - Vein
Diameter				
DIAMETER	Optional			SingleChoice: the code only. 1 - <2 mm 2 - 2-3 mm 3 - >3 mm
Pedicle length				
PEDICLELENGTH	Optional			SingleChoice: the code only. 1 - <2 cm 2 - 2-3 cm 3 - >3 cm
Anastomosis				
ANASTOMOSIS	Optional			SingleChoice: the code only. 1 - End-to-end 2 - End-to-side 3 - Vein graft 4 - Flow through
Suture or coupler used				
SUTUREORCOUPLERUSED	Optional			SingleChoice: the code only. 1 - Suture 2 - Coupler

Field title	Importance	Min value	Max value	Values allowed
Anastomosis with coupler				
ANASTOMOSISWITHCOUPLER	Optional			SingleChoice: the code only. 0 - 1.0 mm 1 - 1.5 mm 2 - 2.0 mm 3 - 2.5 mm 4 - 3.0 mm 5 - 3.5 mm 6 - 4.0 mm
Suture				
SUTURE	Optional			SingleChoice: the code only. 1 - < 8 / 0 2 - 8 / 0 3 - 9 / 0 4 - 10 / 0 5 - >10 / 0
Free flap warm ischaemia time				
FREEFLAPWARMISCHAEMIATIME	Optional			Integer: enter a whole number.
Success of anastomosis				
SUCCESSOFANASTOMOSIS	Optional			SingleChoice: the code only. 0 - Patent 1 - Re-done 2 - Failed

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Followup

fields included:

Multichoice separator
Layout specification version
SubmitGroup Code
Import link ID
Import Child ID
Date Of Follow up
Pain
Function
Emotional acceptance
Supports
Walking
Gait
Skin quality
Donor site
How do you look in the mirror clothed
The shape of your reconstructed breasts when you are wearing a bra
How normal you feel in clothes
The size of your reconstructed breasts
Being able to wear clothing that is more fitted
How your breasts are lined up in relation to each other
How comfortably your bras fit
The softness of your reconstructed breast(s)
How equal in size your breasts are to each other
How natural your reconstructed breast(s) look
How naturally your reconstructed breast(s) sit / hangs
How your reconstructed breast(s) feels to touch
How much your reconstructed breast(s) feels like a natural part of your body
How closely matched your breast(s) are to each other
How your reconstructed breast(s) look now compared to before you had surgery
How do you look in the mirror unclothed
Having reconstruction is much better than the alternative of having no breast(s)

I would encourage other women in my situation to have breast reconstruction surgery
I would do it again
I have no regrets about having the surgery
Having this surgery changed my life for the better
The outcome perfectly matched my expectations
It turned out exactly as I had planned
How the breast reconstruction surgery was to be done
Healing and recovery time
Possible complications
The options you were given regarding types of breast reconstruction
The options you were given regarding timing of your breast reconstruction
How long the process of breast reconstruction would take from start to finish
What size you could expect your breasts to be after reconstructive surgery
How much pain to expect during recovery
What you could expect your breasts to look like after surgery
How long after reconstruction it would take to feel like yourself / feel normal
How the surgery could affect future breast cancer screening
What other women experience with their breasts reconstruction surgery

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Multichoice separator				
S	Mandatory			A character: you may define the single character you wish to use to separate values in multi-value fields.
Layout specification version				
SPECVERSION	Mandatory			Integer: use '1.0' for this version of the specification
SubmitGroup Code				
SUBMITCODE	Mandatory			String: a code used to identify the source of the data.
Import link ID				
IMPORTLINKID	Mandatory			Integer: enter a whole number.
Import Child ID				
IMPORTCHILDID	Optional			Integer: enter a whole number.
Date Of Follow up				
DATEOFFOLLOWUP	Optional			Date: ODBC date as yyyy-mm-dd.
Pain				
PAIN	Optional			SingleChoice: the code only. 0 - 0 (severe) 1 - 1 2 - 2 (moderate) 3 - 3 4 - 4 5 - 5 (none)
Function				
FUNCTION	Optional			SingleChoice: the code only. 0 - 0 (total disability) 1 - 1 2 - 2 3 - 3 4 - 4 5 - 5 (none)

Field title	Importance	Min value	Max value	Values allowed
Emotional acceptance				
EMOTIONALACCEPTANCE	Optional			SingleChoice: the code only. 0 - 0 (dislikes) 1 - 1 2 - 2 3 - 3 4 - 4 5 - 5 (enthused)
Supports				
SUPPORTS	Optional			SingleChoice: the code only. 0 - 0 (2 crutches) 1 - 1 2 - 2 3 - 3 4 - 4 5 - 5 (none)
Walking				
WALKING	Optional			SingleChoice: the code only. 0 - 0 (unable unaided) 1 - 1 2 - 2 3 - 3 4 - 4 5 - 5 (unlimited)
Gait				
GAIT	Optional			SingleChoice: the code only. 0 - 0 (major handicap) 1 - 1 2 - 2 3 - 3 4 - 4 5 - 5

Field title				
Header field name	Importance	Min value	Max value	Values allowed
Skin quality				
SKINQUALITY	Optional			SingleChoice: the code only. 0 - 0 (persistent problems) 1 - 1 2 - 2 3 - 3 4 - 4 5 - 5 (normal)
Donor site				
DONORSITE	Optional			SingleChoice: the code only. 0 - 0 (severe morbidity) 1 - 1 2 - 2 3 - 3 4 - 4 5 - 5 (Unnoticed)
How do you look in the mirror clothed				
HOWDOYOULOOKINTHEMIRRORCLOTHED	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
The shape of your reconstructed breasts when you are wearing a bra				
THESHAPEOFYOURRECONSTRUCTEDBREASTSWHENYOUAREWEARI	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied

Field title				
Header field name	Importance	Min value	Max value	Values allowed
How normal you feel in clothes				
HOWNORMALYOUFEELINCLOTHES	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
The size of your reconstructed breasts				
THESIZEOFOURRECONSTRUCTEDBREASTS	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
Being able to wear clothing that is more fitted				
BEINGABLETOWEARCLOTHINGTHATISMOREFITTED	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How your breasts are lined up in relation to each other				
HOWYOURBREASTSARELINEDUPINRELATIONTOEACHOTHER	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How comfortably your bras fit				
HOWCOMFORTABLYYOURBRASFIT	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied

Field title				
Header field name	Importance	Min value	Max value	Values allowed
The softness of your reconstructed breast(s)				
THESOFTNESSOFYOURRECONSTRUCTEDBREASTS	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How equal in size your breasts are to each other				
HOWEQUALINSIZEYOURBREASTSARETOEACHOTHER	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How natural your reconstructed breast(s) look				
HOWNATURALYOURRECONSTRUCTEDBREASTSLOOK	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How naturally your reconstructed breast(s) sit / hangs				
HOWNATURALLYYOURRECONSTRUCTEDBREASTSSITHANGS	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How your reconstructed breast(s) feels to touch				
HOWYOURRECONSTRUCTEDBREASTSFEELSTOTOUCH	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied

Field title				
Header field name	Importance	Min value	Max value	Values allowed
How much your reconstructed breast(s) feels like a natural part of your body				
HOWMUCHYOURRECONSTRUCTEDBREASTSFEELSLIKEANATURALPA	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How closely matched your breast(s) are to each other				
HOWCLOSELYMATCHEDYOURBREASTSARETOEACHOTHER	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How your reconstructed breast(s) look now compared to before you had surgery				
HOWYOURRECONSTRUCTEDBREASTSLOOKNOWCOMPAREDTOBEFORE	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How do you look in the mirror unclothed				
HOWDOYOULOOKINTHEMIRRORUNCLOTHED	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
Having reconstruction is much better than the alternative of having no breast(s)				
HAVINGRECONSTRUCTIONISMUCHBETTERTHANTHEALTERNATIVE	Optional			SingleChoice: the code only. 1 - Disagree 2 - Somewhat agree 3 - Definitely agree

Field title	Importance	Min value	Max value	Values allowed
I would encourage other women in my situation to have breast reconstruction surgery				
IWOULDENCOURAGEOTHERWOMENINMYSITUATIONTOHAVEBREAST	Optional			SingleChoice: the code only. 1 - Disagree 2 - Somewhat agree 3 - Definitely agree
I would do it again				
IWOULDDOITAGAIN	Optional			SingleChoice: the code only. 1 - Disagree 2 - Somewhat agree 3 - Definitely agree
I have no regrets about having the surgery				
HAVENOREGRETABOUTHAVINGTHESURGERY	Optional			SingleChoice: the code only. 1 - Disagree 2 - Somewhat agree 3 - Definitely agree
Having this surgery changed my life for the better				
HAVINGTHISSURGERYCHANGEDMYLIFEFORTHEBETTER	Optional			SingleChoice: the code only. 1 - Disagree 2 - Somewhat agree 3 - Definitely agree
The outcome perfectly matched my expectations				
THEOUTCOMEPERFECTLYMATCHEDMYEXPECTATIONS	Optional			SingleChoice: the code only. 1 - Disagree 2 - Somewhat agree 3 - Definitely agree
It turned out exactly as I had planned				
ITTURNEDOUTEXACTLYASIHADPLANNED	Optional			SingleChoice: the code only. 1 - Disagree 2 - Somewhat agree 3 - Definitely agree

Field title	Importance	Min value	Max value	Values allowed
How the breast reconstruction surgery was to be done				
HOWTHEBREASTRECONSTRUCTIONSURGERYWASTOBEDONE	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
Healing and recovery time				
HEALINGANDRECOVERYTIME	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
Possible complications				
POSSIBLECOMPLICATIONS	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
The options you were given regarding types of breast reconstruction				
THEOPTIONSYOUWEREGIVENREGARDINGTYPESOFBREASTRECONS	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
The options you were given regarding timing of your breast reconstruction				
THEOPTIONSYOUWEREGIVENREGARDINGTIMINGOFYOURBREASTR	Optional			SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied

Field title	Importance	Min value	Max value	Values allowed
How long the process of breast reconstruction would take from start to finish				
HOWLONGTHEPROCESSOFBREASTRECONSTRUCTIONWOULDTAKEFR Optional				SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
What size you could expect your breasts to be after reconstructive surgery				
WHATSIZEYOUCOULDEXPECTYOURBREASTSTOBEAFTERRECONSTR Optional				SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How much pain to expect during recovery				
HOWMUCHPAINTOEXPECTDURINGRECOVERY Optional				SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
What you could expect your breasts to look like after surgery				
WHATYOUCOULDEXPECTYOURBREASTSTOLOOKLIKEAFTERSURGER Optional				SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
How long after reconstruction it would take to feel like yourself / feel normal				
HOWLONGAFTERRECONSTRUCTIONITWOULDTAKETOFELLIKEYOU Optional				SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied

Field title	Importance	Min value	Max value	Values allowed
How the surgery could affect future breast cancer screening				
HOWTHESURGERYCOULDAFFECTFUTUREBREASTCANCERSCREENIN Optional				SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied
What other women experience with their breasts reconstruction surgery				
WHATOTHERWOMENEXPERIENCEWITHTHEIRBREASTSRECONSTRUC Optional				SingleChoice: the code only. 1 - Very dissatisfied 2 - Somewhat dissatisfied 3 - Somewhat satisfied 4 - Very satisfied

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Tables

fields included:

SITE

FLAPNAME

OSITE

AB101RW	BMI Albyn Hospital, Aberdeen	BH77DW	Royal Bournemouth General Hospital
AB252ZN	Aberdeen Royal Infirmary	BL40JR	Royal Bolton Hospital
AL54BP	Spire Harpenden Hospital	BL64LA	BMI The Beaumont Hospital, Bolton
AL74HQ	Queen Elizabeth II Hospital, Welwyn Garden City	BN212UD	Eastbourne District General Hospital
AUS	Royal Brisbane and Women's Hospital	BN25BE	Royal Sussex County Hospital, Brighton
AUSWA600	Royal Perth Hospital, Perth, Australia	BN26DX	Nuffield Brighton Hospital
AUSWA615	Fiona Stanley Hospital, Perth, Australia	BN31RD	The Montefiore Hospital, Hove
AUSWA620	Sir Charles Gairdner Hospital Perth	BR67RG	BMI Chelsfield Park Hospital, Orpington
B152QQ	BMI The Edgbaston Hospital, Birmingham	BR68ND	Princess Royal University Hospital, Orpington
B152TH	Queen Elizabeth Hospital, Birmingham	BS105NB	Southmead Hospital, Bristol
B153SJ	The Westbourne Centre, Birmingham	BS161LE	Frenchay Hospital, Bristol
B187QH	City Hospital Birmingham	BS28BJ	Bristol Royal Hospital for Children
B296JD	Selly Oak Hospital, Birmingham	BS28HW	Bristol Royal Infirmary
B312AP	Royal Orthopaedic Hospital, Birmingham	BS66UT	Spire Bristol Hospital
B46NH	Birmingham Children's Hospital	BS81BN	Nuffield Bristol Hospital - The Chesterfield
B57UG	BMI The Priory Hospital, Birmingham	BT126BA	Royal Victoria Hospital, Belfast
B601LY	Dolan Park Hospital, Bromsgrove	BT126BE	Royal Belfast Hospital for Sick Children
B632AH	West Midlands Hospital, Halesowen	BT161RH	The Ulster Hospital, Belfast
B714HJ	Sandwell District General Hospital, West Bromwich	BT9 5JH	Ulster Independent Clinic
B743UP	Spire Little Aston Hospital, Sutton Coldfield	BT97AB	Belfast City Hospital
B912JL	Solihull Hospital	CA27HY	Cumberland Infirmary, Carlisle
B912PP	Spire Parkway Hospital, Solihull	CA288JG	West Cumberland Hospital, Whitehaven
B95SS	Heartlands Hospital, Birmingham	CB20QQ	Addenbrooke's Hospital, Cambridge
BA13NG	Royal United Hospital, Bath	CB233RE	Papworth Hospital, Cambridge
BA21 4AT	Yeovil District Hospital	CB249EL	Spire Cambridge Lea Hospital
BA27BR	BMI Bath Clinic	CB28AF	Nuffield Cambridge Hospital
BA28SF	Circle Bath Hospital	CF144XW	University Hospital of Wales, Cardiff
BB102PQ	Burnley General Hospital	CF238XL	Spire Cardiff Hospital
BB23HH	Royal Blackburn Hospital	CF311RQ	Princess of Wales Hospital, Bridgend
BB27AE	BMI The Beardwood Hospital, Blackburn	CF479DT	Prince Charles Hospital, Merthyr Tydfil
BD161TW	The Yorkshire Clinic, Bingley	CH21UL	Countess of Chester Hospital
BD20 6TD	Airedale General Hospital, West Yorkshire	CH47QP	Nuffield The Grosvenor Hospital, Chester
BD96RJ	Bradford Royal Infirmary	CH495PE	Arrowe Park Hospital, Wirral
BH11RW	Nuffield Bournemouth Hospital	CH611AU	Spire Murrayfield Hospital Wirral
BH15 2BH	BMI The Harbour Hospital, Dorset	CM133LE	Spire Hartswood Hospital, Brentwood
BH152BH	BMI The Harbour Hospital, Dorset	CM158EH	Nuffield Brentwood Hospital
BH152JB	Poole Hospital, Dorset	CM17ET	St Andrew's Centre for Plastic Surgery and Burns, Chelmsford
		CM17GU	Springfield Hospital, Chelmsford

OSITE continued ...

CM201QX	Princess Alexandra Hospital, Harlow	DY12HQ	Dudley Group NHS Foundation Trust
CM210HH	Rivers Hospital, Sawbridgeworth	E111NR	Whipps Cross University Hospital, London
CO45JL	Colchester General Hospital	E11BB	The Royal London Hospital
CO45XR	Oaks Hospital, Colchester	E138SL	Newham University Hospital, London
CORKUH	Cork University Hospital	E14NL	BMI The London Independent Hospital
CR36DP	North Downs Hospital, Caterham	EC1A7BE	St Bartholomew's Hospital, London
CR77YE	Croydon University Hospital, Surrey	EH126UD	Spire Murrayfield Hospital, Edinburgh
CT13NG	Kent and Canterbury Hospital	EH164SA	Royal Infirmary of Edinburgh
CT215AW	Spire St Saviour's Hospital, Hythe	EH42XU	Western General Hospital, Edinburgh
CT47AR	BMI The Chaucer Hospital, Canterbury	EH546PP	St John's Hospital, Livingston
CT94AN	Queen Elizabeth The Queen Mother Hospital	EH91LF	Royal Hospital for Sick Children, Edinburgh
CV225PX	Hospital of St Cross, Rugby	EN27PR	BMI The Cavell Hospital, London
CV22DX	Walsgrave Hospital, Coventry	EN28JL	Chase Farm Hospital, London
CV22LQ	BMI The Meridien Hospital, Coventry	EN53DJ	Barnet Hospital, London
CV326RW	Nuffield Warwickshire Hospital	EX24UG	Nuffield Exeter Hospital
CV345BW	Warwick Hospital	EX25DW	Royal Devon and Exeter Hospital
CW14QJ	Leighton Hospital, Cheshire	EX314JB	North Devon District Hospital
CW14QP	BMI The South Cheshire Private Hospital, Leighton	FK54WR	Forth Valley Royal Hospital, Larbert
DA28DA	Darent Valley Hospital, Kent	FK79PU	BMI Kings Park Hospital, Stirling
DA38ND	BMI Fawkham Manor Hospital, Longfield	FY38BP	Spire Fylde Coast Hospital, Blackpool
DD19SY	Ninewells Hospital, Dundee	G120PJ	Nuffield Glasgow Hospital
DD21LJ	BMI Fernbrae Hospital	G120YN	Gartnavel General Hospital, Glasgow
DE13ORB	Queen's Hospital, Burton-on-Trent	G213UW	Stobhill Hospital, Glasgow
DE223NE	Royal Derby Hospital	G40SF	Glasgow Royal Infirmary
DE234SN	Nuffield Derby Hospital	G514TF	Southern General Hospital, Glasgow
DG14AP	Dumfries and Galloway Royal Infirmary	G523NQ	BMI Ross Hall
DH15TW	University Hospital of North Durham	G814DY	Golden Jubilee National Hospital, Clydebank
DL14PL	BMI Woodlands Hospital	GL13NN	Gloucestershire Royal Hospital, Gloucester
DL36HX	Darlington Memorial Hospital	GL29EE	Ramsey Winfield Hospital, Gloucestershire
DN25LT	Doncaster Royal Infirmary	GL516SY	Nuffield Cheltenham Hospital
DN332BA	Diana, Princess of Wales Hospital, Grimsby	GL537AN	Cheltenham General Hospital
DT12JY	Dorset County Hospital, Dorchester	GL88XB	Tetbury Hospital
DUB	St. James's Hospital, Dublin	GU105XX	Spire Clare Park Hospital, Farnham
DUBCRUML	Our Lady's Children's Hospital, Crumlin	GU13LX	BMI Mount Alvernia Hospital, Guildford
DUBCUH	Children's University Hospital, Dublin	GU167UJ	Frimley Park Hospital
DUBMATER	Mater Misericordiae University Hospital, Dublin	GU27RF	Nuffield Guildford Hospital
DUBOLH	Our Lady's Hospital for Sick Children, Dublin	GU27XX	Royal Surrey County Hospital, Guildford
DUBSTVIN	St Vincent's University Hospital, Dublin	GY68TW	Princess Elizabeth Hospital, Guernsey
DUBTEMP	Temple Street Children's Hospital	HA13RX	BMI The Clementine Churchill Hospital, Harrow

OSITE continued ...

HA13UJ	Northwick Park Hospital, Harrow	L398SE	Renacres Hospital, Ormskirk
HA62JW	BMI Bishops Wood Hospital, Northwood	L78XP	Royal Liverpool University Hospital
HA74LP	Royal National Orthopaedic Hospital, Stanmore	L97AL	Aintree University Hospital, Liverpool
HD22BL	BMI The Huddersfield Hospital	LA13RH	BMI The Lancaster Hospital
HD33EA	Huddersfield Royal Infirmary	LA14RP	Royal Lancaster Infirmary
HG20HF	BMI The Duchy Hospital, Harrogate	LE15WW	Leicester Royal Infirmary
HP112TR	BMI The Shelburne Hospital, High Wycombe	LE22FF	Spire Leicester Hospital
HP112TT	Wycombe Hospital, High Wycombe	LE39QP	Glenfield Hospital, Leicester
HP160EN	BMI The Chiltern Hospital, Great Missenden	LE51HY	Nuffield Leicester Hospital
HP218AL	Stoke Mandeville Hospital, Aylesbury	LE54PW	Leicester General Hospital
HP24AD	Hemel Hempstead Hospital	LL137TD	Wrexham Maelor Hospital
HP270JS	BMI The Paddocks Clinic, Princes Risborough	LL137YP	Spire Yale Hospital, Wrexham
HP70JD	Wycombe Hospital, High Wycombe	LL18 5UJ	Glan Clwyd hospital, Bodelwyddan North Wales
HR11DF	Nuffield Hereford Hospital	LN21QU	BMI The Lincoln Hospital
HR12ER	Hereford County Hospital	LN25QY	Lincoln County Hospital
HU107AZ	Spire Hull & East Riding Hospital, Anlaby	LS13EB	Nuffield Leeds Hospital
HU165JQ	Castle Hill Hospital, Hull	LS13EX	Leeds General Infirmary
HU32JZ	Hull Royal Infirmary	LS269HG	Spire Methley Park Hospital, Leeds
HX30PW	Calderdale Royal Hospital, Halifax	LS81NT	Spire Leeds Hospital
HX59EB	Spire Elland Hospital, West Yorkshire	LS97TF	St James's University Hospital, Leeds
IG45PZ	Spire Roding Hospital, Redbridge	LU40DZ	Luton & Dunstable University Hospital
IG95HX	Holly House Hospital, Essex	M139WL	Manchester Royal Infirmary
IM44RJ	Nobles Hospital, Isle of Man	M168AJ	Spire Manchester Hospital
IP332AA	BMI St Edmund's Hospital	M204BX	The Christie Hospital, Manchester
IP332QZ	West Suffolk Hospital	M239LT	Wythenshawe Hospital
IP45PD	Ipswich Hospital, Suffolk	M68HD	Salford Royal Hospital
IP45SW	Nuffield Ipswich Hospital	M85RB	North Manchester General Hospital
IV23UJ	Raigmore Hospital, Inverness	ME156NH	Maidstone Hospital
KA20BE	University Hospital Crosshouse, Kilmarnock	ME59PG	Spire Alexandra Hospital, Chatham
KA66DX	University Hospital, Ayr	ME75NY	Medway Maritime Hospital, Gillingham
KA66PG	BMI The Carrick Glen Hospital, Ayr	MK404AW	BMI The Manor Hospital, Bedford
KT160PZ	St Peter's Hospital, Chertsey	MK429DJ	Bedford Hospital
KT160RQ	BMI The Runnymede Hospital, Chertsey	MK65LD	Milton Keynes Hospital
KT187EG	Epsom General Hospital, Surrey	MK65LR	BMI The Saxon Clinic, Milton Keynes
KT212SB	Ashted Hospital	N16LP	Homerton University Hospital, London
KT27QB	Kingston Hospital, London	N195NF	Whittington Hospital, London
L122AP	Alder Hey Children's Hospital, Liverpool	N64DJ	Highgate Hospital, London
L181HQ	Spire Liverpool Hospital	NE14LP	Royal Victoria Infirmary, Newcastle
L355DR	Whiston Hospital, Liverpool	NE21JP	Nuffield Newcastle-upon-Tyne Hospital

NE298NH	North Tyneside General Hospital, North Shields	PO196SE	St Richard's Hospital, Chichester
NE29NH	Northumbria Specialist Emergency Care Hospital	PO196WB	Nuffield Chichester Hospital
NE389JZ	Spire Washington Hospital, Tyne & Wear	PO63LY	Queen Alexandra Hospital, Portsmouth
NE461QJ	Hexham General Hospital	PO95NP	Spire Portsmouth Hospital
NE639JJ	Wansbeck General Hospital, Ashington	PR29HT	Royal Preston Hospital
NE77DN	Freeman Hospital, Newcastle	PR29SZ	Fulwood Hospital, Preston
NE84YL	Queen Elizabeth Hospital	PR71PP	Chorley and South Ribble District General Hospital
NG174JL	King's Mill Hospital, Nottinghamshire	RG15AN	Royal Berkshire Hospital, Reading
NG51PB	Nottingham City Hospital	RG16HJ	Spire Dunedin Hospital, Reading
NG53FZ	Nottingham Woodthorpe Hospital	RG16UZ	Berkshire Independent Hospital, Reading
NG58RX	BMI The Park Hospital, Nottingham	RG247AL	BMI The Hampshire Clinic, Basingstoke
NG72UH	Queen's Medical Centre, Nottingham	RH117DH	Crawley Hospital
NN15BD	Northampton General Hospital	RH15RH	East Surrey Hospital, Redhill
NN15BT	BMI Three Shires Hospital	RH161UD	Nuffield Haywards Heath Hospital
NN15DR	BMI Three Shires Hospital, Northampton	RH193DZ	Queen Victoria Hospital, East Grinstead
NN168UZ	Kettering General Hospital	RH193EB	McIndoe Surgical Centre, East Grinstead
NP202UB	Royal Gwent Hospital	RH60BB	Spire Gatwick Park Hospital, Horley
NR316LA	James Paget University Hospital, Great Yarmouth	RM70AG	Queen's Hospital Romford
NR47TD	Spire Norwich Hospital	S102JF	Royal Hallamshire Hospital, Sheffield
NR47UY	Norfolk and Norwich University Hospital	S103BR	BMI Thornbury Hospital, Sheffield
NW12BU	University College Hospital, London	S105UB	Claremont Hospital, Sheffield
NW32QG	Royal Free Hospital, London	S445BL	Chesterfield Royal Hospital
NW89NH	Hospital of St John and St Elizabeth, London	S57AU	Northern General Hospital, Sheffield
NW89PY	HCA The Wellington Hospital, London	S652AJ	Yorkshire Surgicentre, Rotherham
OL113RB	BMI The Highfield Hospital, Manchester	S752EP	Barnsley Hospital
OL120NB	Rochdale Infirmary, Lancashire	S81 0BD	Bassetlaw Hospital, Worksop
OL12JH	Royal Oldham Hospital	SA1 6DF	Sancta Maria, Swansea
OX169AL	Horton General Hospital, Banbury	SA312AF	Glangwili General Hospital, Carmarthen
OX169FG	Horton Treatment Centre, Banbury	SA66NL	Morrison Hospital, Swansea
OX169XP	BMI The Foscoate Hospital, Banbury	SE136LH	University Hospital Lewisham, London
OX37HE	Nuffield Orthopaedic Centre, Oxford	SE17EH	St Thomas's Hospital, London
OX37LE	Churchill Hospital, Oxford	SE184QH	Queen Elizabeth Hospital, Woolwich
OX37RP	Nuffield The Manor Hospital, Oxford	SE19RT	Guy's Hospital, London
OX39DU	John Radcliffe Hospital, Oxford	SE10JQ	HCA London Bridge Hospital, London
PE296NT	Hinchinbrooke Hospital, Huntingdon	SE39UD	BMI The Blackheath Hospital, London
PE304HJ	BMI The Sandringham Hospital, Kings Lynn	SG14AB	Lister Hospital, Stevenage
PE39GZ	Peterborough City Hospital	SG49QZ	Pinehill Hospital Hertfordshire
PL68BG	Nuffield Plymouth Hospital	SK118DW	Spire Regency Hospital, Macclesfield
PL68DH	Derriford Hospital, Plymouth	SK82PX	BMI The Alexandra Hospital, Manchester

OSITE continued ...

SL24HL	Wexham Park Hospital, Slough	TN48AS	Purity Bridge, Tunbridge Wells
SL36NH	Spire Thames Valley Hospital, Slough	TQ14UP	Mount Stuart Ramsay Health Care Hospital
SL43AA	Spire Windsor Clinic	TQ27AA	Torbay Hospital, Torquay
SL43EG	BMI The Princess Margaret Hospital, Windsor	TR13LJ	Royal Cornwall Hospital, Truro
SM39DW	St Anthony's Hospital, London	TR13UP	Duchy Hospital, Truro
SM51AA	St Helier Hospital and Queen Mary's Hospital for Children, Carshalton	TS198PE	University Hospital of North Tees, Stockton-on-Tee
SN36BB	Great Western Hospital, Swindon	TS201PX	Nuffield Tees Hospital
SN49DD	BMI The Ridgeway Hospital, Swindon	TS43BW	The James Cook University Hospital, Middlesbrough
SO166UY	Spire Southampton Hospital	TW153AA	Ashford Hospital, Middlesex
SO166YD	Southampton General Hospital	UB83NN	Hillingdon Hospital, Uxbridge
SO225DG	Royal Hampshire County Hospital	W111QG	Parkside Hospital, London
SO225HA	BMI Sarum Road Hospital, Winchester	W120HS	Hammersmith Hospital, London
SO532DW	Nuffield The Wessex Hospital, Hampshire	W1G6BW	London Clinic
SP28BJ	Salisbury District Hospital	W1G6NP	BMI Weymouth Street Hospital, London
SP54EY	New Hall Hospital, Salisbury	W1G8BJ	HCA The Harley Street Clinic, London
SR47TP	Sunderland Royal Hospital	W1U5NY	HCA The Princess Grace Hospital, London
SS00RY	Southend Hospital	W1W5AH	HCA The Portland Hospital, London
SS165NL	Basildon University Hospital, Essex	W21NY	St Mary's Hospital, London
SS24XH	Spire Wellesley Hospital, Southend	W68RF	Charing Cross Hospital, London
ST179AQ	Rowley Hospital, Stafford	WA51QG	Warrington Hospital
ST46QG	Royal Stoke University Hospital, Stoke on Trent	WA93DA	St Helens Hospital
ST47LN	University Hospital of North Staffordshire	WC1N3JH	Great Ormond Street Hospital, London
ST54DB	Nuffield North Staffordshire Hospital	WC2R2LS	King's College Hospital, London
SW109NH	Chelsea & Westminster Hospital, London	WD180HB	Watford General Hospital
SW170QT	St George's Hospital, London	WD231RD	Spire Bushey Hospital, Watford
SW1W8RH	HCA The Lister Hospital, London	WF134HS	Dewsbury & District Hospital, West Yorkshire
SW36JJ	Royal Marsden Hospital, London	WF14DG	Pinderfields General Hospital, Wakefield
SW50TU	Cromwell Hospital, London	WN12NN	Royal Albert Edward Infirmary, Wigan
SY38XQ	Royal Shrewsbury Hospital	WN69EP	Wrightington Hospital, Wigan
SY39DP	Nuffield Shrewsbury Hospital	WR51DD	Worcestershire Royal Hospital
TA15DA	Musgrove Park Hospital, Taunton	WR53YB	Spire South Bank Hospital, Worcester
TA26AN	Nuffield Taunton Hospital	WR98DN	BMI The Droitwich Spa Hospital
TD69BS	Borders General Hospital, Melrose	WS29PS	Walsall Manor Hospital
TF16TF	Princess Royal Hospital, Telford	WV68LE	Nuffield Wolverhampton Hospital
TN240LZ	William Harvey Hospital, Kent	YO318HE	York Hospital
TN24QJ	Tunbridge Wells Hospital, Pembury	YO318TA	Nuffield York Hospital
TN24UL	Nuffield Tunbridge Wells Hospital		
TN30RD	Spire Tunbridge Wells Hospital		
TN377RE	Spire Sussex Hospital, St Leonards On Sea		

Flap name

1	ALT	41	SCIA
2	Anteromedial thigh flap	42	Serratus
3	Colon	43	SGAP
4	DCIA	44	SIEA
5	Deltopic	45	Skin (axial)
6	DIEP	46	Skin (random)
7	Dorsalis pedis	47	Soleus
8	Fasciocutaneous (random)	48	STF / TPF
9	Femoral bone	49	Sural artery island
10	Fibula	50	TDAP
11	Forehead	51	Temporalis
12	Gastroc	52	TFL
13	Glut max	53	TMG
14	Gracilis	54	Toe thumb
15	Groin	55	TRAM
16	Hamstr adv	56	Trapezius
17	IGAP	57	TUG
18	Ileum	58	VRAM
19	IMAP	59	Arm
20	Jejunum	60	Ear
21	Lat dorsi	61	Finger
22	Lateral arm	62	Foot
23	Masseter	63	Forearm
24	Medial plantar	64	Galeal
25	MS TRAM	65	Hand
26	MSAP	66	Leg
27	Omentum	67	Nasolabial
28	PAP	68	Nose
29	Parascap	69	Penis
30	Pect major	70	Posterior thigh
31	Pect minor	71	Sole of foot
32	PIA	72	Testicle
33	Platysma	73	Thumb
34	Propeller	74	Toe
36	Rectus	75	Ulnar forearm
37	Replant	76	LICAP
38	RFF	77	AICAP
39	Scalp	78	Peroneal Artery Perforator Flap
40	Scapular	99	Other



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The British Association of Plastic Reconstructive and Aesthetic Surgeons

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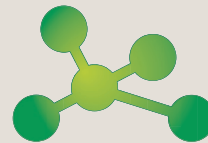
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