

Section	Field Name	Notes	Regional Data only	New data field - minimal data available	Please tick if field required
<b>Basic demographic data</b>	Gender	Male / Female / Transgender - birth sex female / Transgender - birth sex male / Unknown			
	Age at diagnosis	<b>Date of birth is NOT provided.</b> Auto-calculated to Age At Diagnosis			
	Hospital				
	Ethnicity (Level 1)				
	Ethnicity (Level 2)			Yes	
	Current patient status	Alive / Deceased			
	Date of death				
	Cause of death				
	Cause of death verified by MOH	No / Yes			
	ICD code of the cause of death				
	Region				
	Genetic test result (BRCA1)	Negative for specific known mutation / positive / variant of unknown clinical / significance / Uninformative result / Referred - not tested / Referred - result unknown			
Genetic test result (BRCA2)	Negative for specific known mutation / positive / variant of unknown clinical / significance / Uninformative result / Referred - not tested / Referred - result unknown				
<b>Relative with cancer</b>	Relative				
	Type of cancer	Breast / Ovarian / Colorectal / Liver / Lung / Prostate / Stomach / Other / Unknown	Waikato & Auckland		
	Age at diagnosis				
	Number of female siblings		Waikato		
	Number of male siblings		Waikato		
<b>Workup-Workup</b>	Date of tissue diagnosis				
	Clinic				
	Postcode at diagnosis				
	Domicile code at diagnosis		Waikato		
<b>Workup-Referral details</b>	Source of referral	GP (symptomatic) / BSA / non BSA etc.			
	Did the patient present with symptoms at time of referral?	No / Yes		Yes	
	Date of first presentation with symptoms			Yes	
	Side of lump	None / Left only / Right only / Bilateral / Unknown	Waikato		
	Lump duration	weeks	Waikato		
	Side of breast pain	None / Left only / Right only / Bilateral / Unknown	Waikato		

	Pain duration	weeks	Waikato		
	Pain severity	Mild / Moderate / Severe / Unknown	Waikato		
	Pain related to menstrual cycle		Waikato		
	Side of nipple change	None / Left only / Right only / Bilateral / Unknown	Waikato		
	Nipple change duration	weeks	Waikato		
	Nipple change	Inversion / Scaliness / Ulceration / Discharge / Other	Waikato		
	Side of skin change	None / Left only / Right only / Bilateral / Unknown	Waikato		
	Skin change duration	weeks	Waikato		
	Skin change	Dimpling / Swelling / Redness	Waikato		
	Description of other symptoms		Waikato		
	Duration of presenting complaints	weeks	Waikato		
Workup-Risk factors	DHB of diagnosis		Waikato		
	Previous breast cancer surgery	None / Same breast / Contralateral breast / Both breasts / Unknown	Waikato		
	Diagnosis date of previous breast cancer		Waikato		
	Previous breast cancer surgery date			Yes	
	Height at diagnosis	cm			
	Weight at diagnosis	kg			
	Menopausal status	Pre / Peri / Post / Unknown			
	Gestational status at diagnosis	Not pregnant (now or in last 12months) / Recently pregnant (within the last 12months) / Currently pregnant / Unknown			
	Date of last period		Waikato	Yes	
	Date of menopause			Yes	
	Previous hysterectomy	No / Yes	Waikato		
	Previous oophorectomy	No / Unilateral / Bilateral / Unknown	Waikato		
	Date of previous oophorectomy		Waikato		
	Hormone replacement therapy	None / Current / Previous / Unknown			
	Duration of HRT	years			
	Date HRT stopped				
	OCP or other hormonal contraception in the last 3 months	No / Yes	Waikato		
	Name of OCP / hormonal contraception		Waikato		
	Total years OCP used	years			
Workup-Other risk factors	Age at first period	years	Waikato		
	Number of births	births	Waikato		
	Age at first birth	years	Waikato		
	Breast feeding duration	months	Waikato		
	Exercise hours per week	hours	Waikato		

	Alcohol consumption per week	units	Waikato		
	Smoking status	Never smoked / Non-smoker exposed to tobacco smoke / Ex-smoker > 12 months / Ex-smoker < 12 months / Current smoker / Unknown	Waikato		
	Number of cigarettes per day		Waikato		
	Years smoked	years	Waikato		
	ECOG status	0 - Fully active / 1 - Restricted in strenuous activity / 2 - Ambulatory and capable of self care / 3 - Limited self care / 4 - Completely disabled / Not stated	Waikato		
	Charlson comorbidities		Waikato		
	Charlson comorbidity score		Waikato		
Workup-Previous history	Breast reconstruction	No / Left / Right / Bilateral	Waikato & Christchurch		
	Date of breast reconstruction		Waikato & Christchurch		
	Breast implant	No / Left / Right / Bilateral	Waikato & Christchurch		
	Date of breast implant		Waikato & Christchurch		
	Needle biopsy	No / Left / Right / Bilateral	Waikato & Christchurch		
	Date of needle biopsy		Waikato & Christchurch		
	Benign lump removed	No / Left / Right / Bilateral	Waikato & Christchurch		
	Date benign lump removed		Waikato & Christchurch		
	Breast cyst	No / Left / Right / Bilateral	Waikato & Christchurch		
	Date of breast cyst		Waikato & Christchurch		
	Breast abscess	No / Left / Right / Bilateral	Waikato & Christchurch		
	Date of breast abscess		Waikato & Christchurch		
	Other significant past history		Waikato & Christchurch		
Workup-Breast findings at clinical examination	Presenting complaint	Screen detected / Lump / Pain / Nipple change / Skin change / Other findings			
	Nipple discharge	None / Clear / Bloodstained / Mucky / Other	Waikato & Christchurch		
	Suspicious lymph nodes found	None / Left only / Right only / Left & right	Waikato & Christchurch		
	Axilla nodes examination	Normal / Mobile / Fleshy/benign / Indeterminate / Hard/suspicious / Fixed/matted / Not examined / Data not available	Waikato		
	Axilla clinical probability code	Normal / Benign / Probably benign / Indeterminate / Probably malignant / Malignant	Waikato		
	Axilla clinical plan outcome code	No further investigation / Mag views / Ultrasound / Ductogram / MRI/other / Clinical assessment / FNA / Core biopsy / Surgery / Definitive diagnosis - treatment required	Waikato		
	Suspicious supraclavicular nodes found	None / Left only / Right only / Left & right	Waikato		
	SCF nodes examination	Normal / Mobile / Fleshy/benign / Indeterminate / Hard/suspicious / Fixed/matted / Not examined / Data not available	Waikato		
	SCF clinical probability code	Normal / Benign / Probably benign / Indeterminate / Probably malignant / Malignant	Waikato		

	SFC clinical plan outcome code	No further investigation / Mag views / Ultrasound / Ductogram / MRI/other / Clinical assessment / FNA / Core biopsy / Surgery / Definitive diagnosis - treatment required	Waikato		
	Clinical examination	Positive result / Negative result			
	Mammography	Positive result / Negative result			
	Ultrasound	Positive result / Negative result			
	FNA / Cytology	Positive result / Negative result			
	Core Biopsy	Positive result / Negative result			
	Excision biopsy	Positive result / Negative result			
	Hookwire WLE	Positive result / Negative result			
	Punch biopsy	Positive result / Negative result			
	MRI	Positive result / Negative result			
	CT scan	Positive result / Negative result			
	Other	Positive result / Negative result			
	Details of other pre-operative diagnostic method				
	Clinical T stage based on primary tumour		Waikato		
	Clinical N stage		Waikato		
Clinical M stage		Waikato			
Clinical trial	No / Yes				
Name of trial					
Lesions-Location of suspicious lesion	Bilateral synchronous breast cancer	No / Yes			
	Breast side	Left / Right			
	Location quadrant	Lateral / Medial / Superior / Inferior / Central / UOQ/Supero-lateral / UIQ/Supero-medial / LOQ/Infero-lateral / LIQ/Infero-medial / Axillary tail / Unspecified/Unknown			
	Location clockface	0-14			
	Location zone	0 / 1 / 2 / 3 / 4 / 5 / More than 1 zone / Not stated/Unknown	Waikato		
	Distance from nipple	mm			
Lesions-Mammography	Date of mammography				
	Site / Health facility of mammography	Public / Private / Unknown		Yes	
	Carcinoma visible on mammography	No / Yes / Unknown			
	Size on mammography	mm			

	Mammography features	Normal / Architectural distortion / Asymmetric density / Calcification / Density replacing whole breast / Discrete mass / Ill defined mass / Indeterminate / Irregular mass / Lobulated / Microcalcification / Multiple masses / Non-specific density / Spiculated mass (stellate lesion) / Subtle distortion / Well defined mass / Not stated			
	Mammography result	Normal/ definitely benign / Probably benign / Indeterminate / Suspicious / Malignant / Unknown			
	Microcalcification maximum extent	mm			
	Distribution of calcifications	Single cluster / Multiple clusters / Scattered / Segmented / Unknown			
	Overall breast density	Predominantly fatty / Predominantly dense / Mixed			
	Significant changes since last mammogram	No / Yes			
	Date of last mammogram				
	Time since last mammogram	months	Waikato		
	Suspicious lymph nodes detected on mammogram	No / Yes	Waikato & Christchurch		
Lesions-Ultrasound	Date of ultrasound				
	Site / Health facility of ultrasound	Public / Private / Unknown		Yes	
	Carcinoma visible on ultrasound	No / Yes / Unknown			
	Size on ultrasound	mm			
	Ultrasound features	Normal breast / Acoustic shadowing / Calcification / Cyst(s) / Distortion / Heterogeneous/mixed echogenicity / Hypoechoic region / Indeterminate / Lobulated / Oedema / Sebaceous cyst / Solid, cystic – suspicious / Solid & probably benign / Solid & probably malignant / Spiculated mass / Not stated			
	Ultrasound result	Normal/ definitely benign / Probably benign / Indeterminate / Suspicious / Malignant / Unknown			
	Suspicious lymph nodes detected on ultrasound	No / Yes	Waikato & Christchurch		
Lesions-MRI	Date of MRI				
	Site / Health facility of MRI	Public / Private / Unknown		Yes	
	Carcinoma visible on MRI	No / Yes / Unknown			
	Size on MRI	mm			

	Suspicious lymph nodes detected on MRI	No / Yes	Waikato & Christchurch		
<b>Lesions-Cytopathology - FNA</b>	Date of FNA				
	Site / Health facility of procedure	Public / Private / Unknown		Yes	
	FNA laboratory				
	FNA specimen type localization	Not done / Palpation / Ultrasound guided / Stereotactic / Unknown			
	FNA (cytology) breast result	Inadequate/unsatisfactory specimen (C1) / Benign (C2) / Uncertain/ Indeterminate (C3) / Suspicious of malignancy (C4) / Malignant (C5)			
	Diagnosis pathology axillary nodes sampled – FNA	No / FNA	Waikato & Christchurch		
	FNA (cytology) node result	Inadequate/unsatisfactory specimen / Benign / Uncertain/ Indeterminate / Suspicious of malignancy / Malignant	Waikato & Christchurch		
<b>Lesions-Cytopathology - core biopsy</b>	Date of core biopsy				
	Core biopsy laboratory				
	Core biopsy specimen type localization	Not done / Palpation / Ultrasound guided / Stereotactic / Unknown			
	Core biopsy breast result	Normal (B1) / Benign (B2) / Uncertain malignant potential/ indeterminate (B3) / Suspicious (B4) / Malignant in situ (B5a) / Malignant invasive (B5b) / Not assessable / Other (specify)			
	Morphology of invasive carcinoma	Ductal / Lobular / Other		Yes	
	Core biopsy invasive cancer grade	1 / 2 / 3 / Unknown/not assessable			
	Core biopsy lymphovascular invasion seen	No / Probable / Definite	Christchurch		
	Core biopsy DCIS grade	Low / Intermediate / High	Christchurch		
	Diagnosis pathology axillary nodes sampled - Core biopsy	No / Core biopsy	Waikato & Christchurch		
	Core biopsy node result	Normal / Benign / Uncertain malignant potential/ indeterminate / Suspicious / Malignant / Not assessable	Waikato & Christchurch		
	Core biopsy oestrogen result	Negative / Positive			
	Core biopsy ER Allred score	0 - 8	Christchurch		
	Core biopsy ER proportion staining	%	Waikato & Christchurch		
	Core biopsy ER staining intensity	Weak / Moderate / Strong	Waikato & Christchurch		
	Core biopsy progesterone result	Negative / Positive			
	Core biopsy PR Allred score	0 - 8	Christchurch		
	Core biopsy PR proportion staining	%	Waikato & Christchurch		
Core biopsy PR staining intensity	Weak / Moderate / Strong	Waikato & Christchurch			
<b>Surgery for primary cancer- Surgery for primary cancer</b>	Date of surgery				
	Side	Left / Right / Bilateral			
	Site / Health facility of surgery	Public / Private / Unknown			
	Health facility of surgery				

	DHB of surgery			
Surgery for primary cancer-Left breast (for example)	Tissue banked	No / Yes	Christchurch	
	Departure from usual management	No / Yes / Unknown		
	Type of axillary surgery	No axillary surgery required / Level 1 (axillary node sample) / Level 2 (axillary node dissection) / Level 3 (axillary node clearance) / Sentinel node biopsy / Declined / Different through patient choice		
	Were sensory nerves preserved	No / Yes / Unknown	Waikato & Christchurch	
	Type of breast surgery	No breast surgery / Hookwire localisation excision / Lumpectomy/ biopsy / Mastectomy / Prophylactic mastectomy / Re-excision / WLE/partial mastectomy		
	Type of Lumpectomy/biopsy	Nipple/Areolar / Subareolar Duct / Excision / Microdochectomy / Other		
	Type of mastectomy	Skin-sparing / Nipple-sparing / Total / Toilet (palliative)		Yes
	Indications for mastectomy	Ineligible for radiation therapy / Multi-focality or extensive DCIS / Patient choice / Patient morbidity / Previous radiation therapy / Size of cancer vs breast size		Yes
	Complications of mastectomy	None / Return to theatre for haematoma / Return to theatre for infection / Skin flap necrosis / Scar revision	Christchurch	
	WLE	Subcutaneous to deep fascia / Specimen to x-ray / Lesion in specimen	Waikato	
	Residual disease at surgical site	None / Microscopic / Macroscopic		Yes
	Complications of breast conserving surgery	None / Return to theatre for haematoma / Return to theatre for infection / Return to theatre for ischaemia of wound/loss of flap		Yes
	Significant infection	None / Return to theatre for washout only / Return to theatre for washout & application of vacuum dressing / Hospital admission for intravenous antibiotics		Yes
	Prolonged seroma	No / Greater than 2 months / Greater than 6 months / Greater than one year		Yes
Reconstruction	Side	Left / Right		
	Date of reconstruction			
	Site / Health facility of reconstruction	Public / Private / Unknown		Yes
	Health facility of reconstruction			Yes
	DHB of reconstruction			Yes
	Timing of reconstruction	Immediate / Delayed		
	Time from mastectomy if delayed	months		
	Type of reconstruction			
	Reconstruction defect	Partial / Total	Christchurch	

	Surgery in contralateral breast	None / Augmentation / Mastopexy / Reconstruction / Reduction			
	Nipple reconstruction	Bostwick/ Graft/ CV flap	Christchurch		
	Areolar reconstruction	No / Tattoo / Graft / Other (specify)	Christchurch		
	Early complications	None / Return to theatre for haematoma / Return to theatre for anastomosis / Return to theatre for infection / Return to theatre for necrosis / Delayed healing / Flap loss / Implant loss / Skin necrosis	Christchurch		
	Late complications	None / Capsular contracture / Asymmetry requiring surgery / Donor site weakness / Fat necrosis / Scarring requiring intervention	Christchurch		
	General complications	None / Delay of adjuvant therapy / Failure of reconstruction	Christchurch		
Lesions-Histopathology lesion	Invasive tumour size	mm			
	Combined tumour size	mm			
	DCIS tumour size	mm			
	Primary Site ICD				
	Histological invasive cancer grade	1 / 2 / 3 / Unknown/not assessable			
	Tubules	1 / 2 / 3 /	Waikato & Christchurch		
	Nuclear pleomorphism	1 / 2 / 3 /	Waikato & Christchurch		
	Mitoses	1 / 2 / 3 /	Waikato & Christchurch		
	Highest DCIS grade	Low / Intermediate / High / Not Stated			
	DCIS architecture	Cribriform / Flat / Micropapillary / Papillary / Solid / Solid papillary / Encapsulated papillary carcinoma in situ / Other (specify) / Unknown			
	DCIS necrosis	None/minimal / Present / Unknown			
	DCIS only microinvasion <1 mm	No / Yes	Christchurch		
	Basal phenotype	No / Yes	Waikato & Christchurch		
	Morphology of invasive carcinoma	Ductal / Lobular / Other			
	Non-epithelial tumour type	Phyllodes (benign) / Phyllodes (borderline=intermediate) / Phyllodes (malignant=high grade) / Sarcoma / Other	Malignant phyllodes - Waikato & Auckland		
	Non-epithelial tumour size	mm	Waikato & Auckland		
	Oestrogen result	Negative / Positive / Not tested / Unknown			
	Oestrogen Allred score	0 - 8	Christchurch		
	Oestrogen proportion staining	%			
	Oestrogen staining intensity	Weak / Moderate / Strong	Christchurch		
	Progesterone result	Negative / Positive / Not tested / Unknown			
	Progesterone Allred score	0 - 8	Christchurch		
Progesterone proportion staining	%				
Progesterone staining intensity	Weak / Moderate / Strong	Christchurch			
Histopathology-Specimen & macroscopic findings	Side	Left / Right			
	Histopathology date				



	Histopathology laboratory				
	Specimen type	Hookwire localisation excision / Lumpectomy/biopsy / WLE/partial mastectomy / Mastectomy			
	Specimen size largest dimension	mm			
	Specimen size dimension 2	mm	Waikato		
	Specimen size dimension 3	mm	Waikato		
	Number of blocks	blocks	Christchurch		
	Specimen weight	g	Christchurch		
	Skin present	No / Yes			
<b>Histopathology-Microscopic findings</b>	Number of invasive lesions	None / One / Two / Three / Four / Five / Greater than 5 / Multi-focal (>2), not specified / Unknown			
	Ipsilateral synchronous primary	No / Yes / Unknown	Christchurch		
	Intra-mammary metastasis	No / Yes / Unknown	Christchurch		
	Lymphovascular invasion (peritumoural)	No / Yes / Probable (suspicious) / Extensive	Christchurch has descriptives "Probable" & "Extensive"		
	Perineural invasion	No / Yes		Yes	
	Dermal lymphatic invasion	No / Yes		Yes	
	Dermal / epidermal invasion	No / Yes		Yes	
	Skin	Not involved / Paget's disease of the nipple / Invasive carcinoma involving dermis or epidermis without ulceration / Invasive carcinoma involving dermis or epidermis with ulceration / Ipsilateral satellite skin nodules		Yes	
	Muscle involvement	No / Yes		Yes	
	Microcalcifications present	No / Yes		Yes	
Pagets disease	No / Yes				
<b>Histopathology-Margins &amp; lobular neoplasia</b>	Resection margin invasive & in situ	Negative / Positive			
	Invasive closest circumferential margin	mm			
	Invasive closest circumferential margin type	Lateral / Medial / Superior / Inferior / Clear of margins, no measurement given / Unknown			
	Invasive closest vertical margin	mm			
	Invasive closest vertical margin type	Anterior/superficial / Posterior /deep / Clear of margins, no measurement given / Unknown			
	DCIS closest circumferential margin	mm			
	DCIS closest circumferential margin type	Lateral / Medial / Superior / Inferior / Clear of margins, no measurement given / Unknown			
	DCIS closest vertical margin	mm			
	DCIS closest vertical margin type	Anterior/superficial / Posterior /deep / Clear of margins, no measurement given / Unknown			
	Atypical lobular hyperplasia	No / Yes	Christchurch		
	Lobular carcinoma in situ (classical)	No / Yes			

	Pleomorphic LCIS (PLCIS)	No / Yes	Christchurch		
	Variant other LCIS	No / Yes		Yes	
	Extent of lobular neoplasia	Focal / Extensive		Yes	
	Pleomorphic / variant LCIS at margin	No / Yes		Yes	
	Pleomorphic / variant LCIS closest circumferential margin	mm		Yes	
	Pleomorphic / variant LCIS closest vertical margin	mm		Yes	
	Flat epithelial atypia	No / Yes	Christchurch		
Histopathology-Nodal & tumour staging	Axillary nodes present	No / Yes			
	Total number of nodes removed				
	Number of nodes involved by tumour				
	Nodal metastasis based on the largest deposit	Isolated tumour cells / Micrometastasis / Macrometastasis	Waikato & Christchurch		
	Nodal metastasis size of largest deposit	mm	Waikato & Christchurch		
	Extra nodal deposits	No / Yes	Christchurch		
	Extra capsular / nodal spread	No / Yes	Christchurch		
	Residual invasive carcinoma in further re-excisions	No / Yes	Christchurch		
	Residual DCIS in further re-excisions	No / Yes	Christchurch		
	Neo-adjuvant indicator code	No / Yes / Unknown		Yes	
	Neo-adjuvant treatment effect	No response / Partial response / Complete response	Christchurch		
	Residual cancer burden	RCB-0 / RCB-1 / RCB-2 / RCB-3		Yes	
	Neo-adjuvant treatment effect in lymph nodes	Nodes negative, no treatment effect / Nodes negative, with treatment effect / Nodes positive, with treatment effect / Nodes positive, no treatment effect / Unknown		Yes	
	Pathological T stage based on primary tumour				
	Pathological N stage				
	Nottingham Prognostic Index (NPI)				
Overall TNM stage					
SNB and scintigraphy-SNB and scintigraphy	Side	Left / Right			
	Procedures	Scintigraphy / Sentinel node biopsy / Unknown			
	Date of scintigraphy				
	Scintigraphy nodes detected in the following locations				
	Scintigraphy nodes detected				
	SNB nodes detected	No / Yes			

	SNB number of nodes detected			
	SNB nodes detected with	Isotope / Blue dye / Magnetic		
	SNB nodes detected	No/ Yes		
	SNB result number of nodes positive	None / 1 node / 2 nodes / 3 nodes / >3 nodes		
SNB and scintigraphy-Intra-operative frozen section	SNB tumour present	No / Yes	Christchurch	
	SNB imprints positive	No / Yes	Christchurch	
	SNB extra capsular/ nodal spread	No / Yes	Christchurch	
	SNB extra nodal deposits	No / Yes	Christchurch	
	SNB nodal metastasis based on the largest deposit	Isolated tumour cells / Micrometastasis / Macrometastasis	Waikato & Christchurch	
	SNB nodal metastasis size	mm		Yes
Breast Cancer Treatment	Reason no cancer treatment	Patient unfit - performance status deteriorated / Patient died prior to treatment / Patient declined / Patient diagnosed at time of death/ autopsy / Other (specify) / Unknown	Waikato	
	Primary surgery	Yes / No		
	Reason for no primary surgery	Patient declined / Recommended by doctor / Unknown	Waikato	
	Reconstruction	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown		
	Primary or neo-adjuvant radiation therapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown		
	Neo-adjuvant chemotherapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown		
	Neo-adjuvant biological therapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown		
	Primary or neo-adjuvant hormone therapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown		
	Intraoperative radiation therapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown	Auckland	

	Adjuvant radiation therapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown			
	Adjuvant chemotherapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown			
	Adjuvant biological therapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown			
	Adjuvant hormone therapy	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown			
	Ovarian ablation	Not yet / Yes / Referred - deemed not necessary / Referred - patient declined / Referred - patient unfit / Not referred - deemed not necessary / Not referred - patient declined / Not referred - patient unfit / Other / Unknown			
Radiotherapy-Neo-adjuvant / primary / adjuvant / loco-regional recurrence RT	Side	Left / Right			
	Timing	Primary/neo-adjuvant / Intra-operative / Adjuvant / Loco-regional recurrence / Metastatic disease			
	Site / Health facility of radiation therapy	Public / Private / Unknown		Yes	
	Health facility of radiation therapy			Yes	
	DHB of radiation therapy			Yes	
	Radiation therapy start date				
	Target sites	Breast / Drainage area – axillary / Drainage area – supraclavicular / Drainage area – IMC / Chest wall			
	Radiation type	Photons / Electrons / Photons & Electrons			
	Total dose	Gy			
	Number of fractions	fractions			
	Date of last treatment				
	Bolus	No / Yes			
	Boost	No / Yes			
	Boost radiation type	Photons / Electrons			
	Boost dose	Gy			
	Boost fractions	fractions			
	Radiation therapy completed as planned	No / Yes	Waikato	Yes	
Brachytherapy dose rate	Low/medium / High / Not known		Yes		

<b>Radiotherapy-Intra-operative radiation therapy</b>	Side	Left / Right			
	Site / Health facility of radiation therapy	Public / Private / Unknown		Yes	
	Health facility of radiation therapy			Yes	
	DHB of radiation therapy			Yes	
	IORT start date		Auckland		
	IORT dose	20Gy / 5Gy	Auckland		
	IORT delivered to	Surface / 1cm	Auckland		
	IORT applicator size	2-5cm / 0.5cm interval	Auckland		
	IORT energy	KeV	Auckland		
	IORT Is EBRT also required	No / Yes	Auckland		
<b>Radiotherapy-Radiation therapy for metastases</b>	Side				
	Timing				
	Site / Health facility of radiation therapy	Public / Private / Unknown		Yes	
	Health facility of radiation therapy			Yes	
	DHB of radiation therapy			Yes	
	Radiation therapy start date				
	Target site for metastatic disease	Axillary nodes / Brain / Chest wall (soft tissue) / Internal mammary nodes / Other vertebral column / Pelvis &/ or hip (bone) / Supraclavicular nodes / Thoracic/ lumbar/ sacral / Thorax, including sternum (bone) / Other			
	Radiation type	Photons / Electrons / Photons & Electrons			
	Total dose	Gy			
	Number of fractions	fractions			
	Date of last treatment				
	Bolus	No / Yes			
	Boost	No / Yes			
	Boost radiation type	Photons / Electrons			
	Boost dose	Gy			
	Boost fractions	fractions			
	Radiation therapy completed as planned	No / Yes		Yes	
Brachytherapy dose rate	Low/medium / High / Not known		Yes		
<b>Chemotherapy</b>	Site / Health facility of chemotherapy	Public / Private / Unknown		Yes	
	Health facility of chemotherapy			Yes	
	DHB of chemotherapy			Yes	
	Timing of chemotherapy	Neo-adjuvant / Adjuvant / Loco-regional recurrence / Metastatic disease			
	Start date of chemotherapy				
	Type of chemotherapy				
	Number of cycles	cycles			

	Type of chemotherapy regimen	Single regimen / Concurrent / alternating / Sequential			
	Date of final cycle of chemotherapy				
	Completed as planned	Yes / Dose adjusted / Hospitalisation due to toxicity / No-Stopped for toxicity / No-Stopped at patient's request / No-Stopped for disease progression / Other (specify)	Christchurch		
<b>Biological therapy</b>	Site / Health facility of biological therapy	Public / Private / Unknown		Yes	
	DHB of biological therapy			Yes	
	Timing of therapy	Neo-adjuvant / Adjuvant / Loco-regional recurrence / Metastatic disease			
	Biological therapy	Trastuzumab (Herceptin) / Lapatinib / Other (specify)			
	Start date				
	Discontinued	No / Yes			
	Reason for discontinuation		Waikato & Christchurch		
	Stop date				
<b>Hormone therapy</b>	Site / Health facility of hormone therapy	Public / Private / Unknown		Yes	
	DHB of hormone therapy			Yes	
	Timing of therapy	Neo-adjuvant / Adjuvant / Loco-regional recurrence / Metastatic disease			
	Hormone therapy				
	Start date				
	Did patient decline SERMs	No / Yes	Waikato		
	Did patient decline Aromatase Inhibitors	No / Yes	Waikato		
	Discontinued	No / Yes			
	Reason for discontinuation		Waikato & Christchurch		
Stop date					
<b>Biological markers</b>	Date tested				
	Results from	FNA / Core biopsy / Histopathology / LRR / Metastatic disease			
	Result of IHC Her2 testing	IHC HER2 0 / IHC HER2 1+ / IHC HER2 2+ / IHC HER2 3+			
	IHC Her2 result	Negative / Positive / Equivocal / Unknown			
	Result of FISH Her2 testing	FISH HER2 No Amplification (negative) / FISH HER2 (equivocal) / FISH HER2 Amplified (positive)			
	FISH Her2 result	Negative / Positive / Equivocal / Unknown			
	Number of copies of Her2				
	Number of copies of CEP17				
	Her2 Chromosome 17	Normal / Monosomy / Polysomy / Unknown			
	Cytokeratin 5/6	Negative / Positive	Waikato & Christchurch		
	Cytokeratin 5/6 H-score	0-300	Waikato & Christchurch		
Cytokeratin 14	Negative / Positive	Waikato & Christchurch			

	Cytokeratin 14 H-score	0-300	Waikato & Christchurch		
	Ki67 tested	No / Yes	Waikato & Christchurch		
	Ki67 result	%	Waikato & Christchurch		
	Oncotype Dx tested	No / Yes	Waikato & Christchurch		
	Oncotype Dx	0-100	Waikato & Christchurch		
	Details of other biological marker type			Yes	
	Other results			Yes	
<b>Metastatic disease</b>	Date of metastatic disease				
	Site of metastatic disease				
	Assessment of metastatic disease	Clinical / Radiological / Cytological / Histological			
	Details of radiological assessment of metastatic disease				
	Details of cytological assessment of metastatic disease				
	Details of histological assessment of metastatic disease				
<b>Surgery for metastases</b>	Date of surgery for metastatic disease				
	Site / Health facility of surgery for metastatic disease	Public / Private / Unknown		Yes	
	DHB of surgery for metastatic disease			Yes	
	Type of surgery for metastatic disease	Patient Declined / Brain/Craniotomy / Liver resection or RFA / Orthopaedic / Pericardial / Thoracic (including pleurodesis) / Other			
<b>Loco-regional recurrence</b>	Side	Left / Right			
	Date of recurrence				
	Site of recurrence	Conserved breast (related to previous excision) / Chest wall - mastectomy scar / Chest wall - chest wall/ elsewhere / Regional - ipsilateral axilla nodes / Regional - internal mammary nodes / Regional - ipsilateral supraclavicular nodes / Regional - more than one regional site / Reconstructed breast			
	Assessment of recurrence	Clinical / Radiological / Cytological / Histological			
	Details of clinical assessment of recurrence				
	Details of radiological assessment of recurrence				
	Details of cytological assessment of recurrence				
	Details of histological assessment of recurrence				
<b>Surgery for loco-regional recurrence</b>	Site / Health facility of surgery for recurrence	Public / Private / Unknown		Yes	
	DHB of surgery for recurrence			Yes	

	Date of surgery			
	Type of surgery for recurrence	Conserved breast - wide excision / Conserved breast – mastectomy / Chest wall - local excision / Axilla - local excision / Axilla - axillary clearance / Reconstructed breast / Reconstructed breast - local excision / Patient declined / Other / Unknown		
	Pathology date			
	Laboratory			
	Invasive carcinoma	No / Yes		
	Invasive carcinoma grade	1 / 2 / 3 / Not stated/unknown		
	Invasive cancer size	mm		
	Metastatic	No / Yes		
	Margin excision	Positive / Negative		
	Nearest margin	mm		
	Location of recurrence site	Central / UOQ/Supero-lateral / UIQ/Supero-medial / LOQ/Infero-lateral / LIQ/Infero-medial / Axillary tail / Unspecified/Unknown		
	Axillary nodes present	No / Yes		
	Total number of nodes removed			
	Number of nodes involved by tumour			
	DCIS	No / Yes		
	Highest DCIS grade	Low / Intermediate / High / Not Stated		
	DCIS tumour size	mm		
	Lymphovascular invasion	No / Yes		
	Oestrogen result	Negative / Positive		
	Oestrogen Allred score	0 - 8	Christchurch	
	Oestrogen proportion staining	%		
	Oestrogen staining intensity	Weak / Moderate / Strong	Christchurch	
	Progesterone result	Negative / Positive		
	Progesterone Allred score	0 - 8	Christchurch	
	PR proportion staining	%		
	PR staining intensity	Weak / Moderate / Strong	Christchurch	
	Follow up	Last follow up date		
Procedures		Clinical examination / Mammography / Ultrasound / MRI / CT scan / Bone scan / PET scan / Other		
Current status of disease		No evidence of disease / Evidence of disease / Unknown		



	Evidence of disease: type	Loco-regional recurrence / Metastatic – stable / Metastatic – progressive / No primary surgery - poor clinical response / No primary surgery - partial clinical response / No primary surgery - complete clinical response / No primary surgery - stable disease			
	Patient status	Alive / Deceased			
	Surgical oophorectomy	No / Yes			
	Date of surgical oophorectomy				
	Current menopausal status	Pre / Peri / Post / Unknown			
	Pregnancy since diagnosis	No / Yes			
	Pregnancy carried to term	No / Yes			
	Date of delivery				
	Lymphoedema diagnosed at follow up	None / Mild / Moderate / Severe / Unknown			
	Date lymphoedema diagnosed				
	Cosmetic status	Good / Fair / Poor / Mastectomy / Unknown			
	Second primary carcinoma				
	Date of definitive diagnosis of NEW primary				