

COSD mapping for Appendix B: RCPath and NHSBSP breast pathology synoptic proforma template for surgically resected lesions, including dataset and commonly used optional items in list format

RCPath Data set item element name	Values	Implementation comments	COSD Pathology v4.0.2 (2020)	COSD Pathology v5.1.1 (2024)
Surname			<i>CR0050 - Person Family Name</i>	<i>CR0050 - Person Family Name</i>
Forenames			<i>CR0060 - Person Given Name</i>	<i>CR0060 - Person Given Name</i>
Date of birth			<i>CR0100 - Person Birth Date</i>	<i>CR0100 - Person Birth Date</i>
Sex			<i>CR3170 - Person Stated Gender Code</i>	<i>CR3170 - Person Stated Gender Code</i>
Hospital			<i>pCR0800 - Organisation Identifier (of Reporting Pathologist)</i>	<i>pCR0800 - Organisation Identifier (of Reporting Pathologist)</i>
Hospital no			<i>CR0020 - Local Patient Identifier</i>	<i>CR0020 - Local Patient Identifier</i>
NHS/CHI no		<i>CHI number not recorded in COSD</i>	<i>CR0010 - NHS Number</i>	<i>CR0010 - NHS Number</i>
Date of receipt			<i>pCR0770 - Sample Receipt Date</i>	<i>pCR0770 - Sample Receipt Date</i>
Date of reporting			<i>pCR0780 - Investigation Result Date</i>	<i>pCR0780 - Investigation Result Date</i>
Report no			<i>pCR0950 - Service Report Identifier</i>	<i>pCR0950 - Service Report Identifier</i>
Pathologist			<i>pCR7100 - Professional Registration Issuer Code -</i>	<i>pCR7100 - Professional Registration Issuer Code -</i>

			Consultant (Pathology Test Requested By)	Consultant (Pathology Test Requested By)
			<i>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</i>	<i>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</i>
Surgeon			Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Is there a history of neo-adjuvant therapy?	Single selection value list:		<i>pCR1000 - Neoadjuvant Therapy Indicator</i>	<i>pCR1000 - Neoadjuvant Therapy Indicator</i>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
	Not known		9 - Not known	9 - Not known
Side	Single selection value list:		<i>pCR0820 - Tumour Laterality (Pathological)</i>	<i>pCR0820 - Tumour Laterality (Pathological)</i>
	Right		R - Right	R - Right
	Left		L - Left	L - Left
Specimen type	Multiple selection value list:	If multiple specimen types are recorded within a single report, these would have to be recorded within <i>pCR1020 - Pathology Report Text</i>	<i>pCR0760 - Pathology Investigation Type (All values)</i>	<i>pCR0760 - Pathology Investigation Type (All values)</i>
	Wide local excision		EX (Excision)	EX (Excision)
	Excision biopsy		EX (Excision)	EX (Excision)
	Localisation specimen		EX (Excision)	EX (Excision)
	Segmental excision		EX (Excision)	EX (Excision)
	Mastectomy		EX (Excision) or RE (Radical Excision)	EX (Excision) or RE (Radical Excision)
	Subcutaneous mastectomy		EX (Excision)	EX (Excision)
	Nipple-sparing mastectomy		EX (Excision)	EX (Excision)
	Re-excision		FE (Further Excision)	FE (Further Excision)
	Further margins (including cavity shaves/bed biopsies)		FE (Further Excision)	FE (Further Excision)

	Microdochectomy/ microductectomy		EX (Excision)	EX (Excision)
	Total duct excision/Hadfield's procedure		EX (Excision)	EX (Excision)
	Sentinel node biopsy		99 (Uncertain/other)	99 (Uncertain/other)
	Axillary sampling		99 (Uncertain/other)	99 (Uncertain/other)
	Axillary LN level I		99 (Uncertain/other)	99 (Uncertain/other)
	Axillary LN level II		99 (Uncertain/other)	99 (Uncertain/other)
	Axillary LN level III		99 (Uncertain/other)	99 (Uncertain/other)
	Other*		99 (Uncertain/other)	99 (Uncertain/other)
			<i>pCR0970 – Specimen Nature (All values)</i>	<i>pCR0970 – Specimen Nature (All values)</i>
Specimen type, other (specify)*	Free text	<i>Only applicable if 'Specimen type, Other' is selected</i>	1 (Primary tumour)	1 (Primary tumour)
			2 (Further excision of primary tumour)	2 (Further excision of primary tumour)
Specimen weight	Weight in g		4 (Regional Lymph Nodes)	4 (Regional Lymph Nodes)
Specimen radiograph seen*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Yes			
	No			
Mammographic abnormality*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Yes			
	No			
	Unsure			

Site of previous core biopsy seen*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Yes			
	No			
Histological calcification*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Absent			
	Benign			
	Malignant			
	Benign and malignant			
Benign lesions	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Columnar cell change			
	Complex sclerosing lesion/radial scar			
	Fibroadenoma			
	Fibrocystic change			
	Multiple papillomas			
	Papilloma (single)			
	Periductal mastitis/duct ectasia			
	Sclerosing adenosis			
	Solitary cyst			
	Other (Specify other)			
Epithelial proliferation	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Not present			
	Present without atypia			
	Flat epithelial atypia			
	Present with atypia (ductal)			
	Present with atypia (lobular)			
DCIS	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Absent			
	Present			

DCIS grade	Single selection value list:		pBR4160 - DCIS Grade	pBR4160 - DCIS Grade
	High		H - High	H - High
	Intermediate		I - Intermediate	I - Intermediate
	Low		L - Low	L - Low
	Cannot be assessed		X - Not assessable (Cannot be assessed)	X - Not assessable (Cannot be assessed)
DCIS growth pattern	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Solid			
	Cribiform			
	Papillary			
	Micropapillary			
	Apocrine			
	Flat			
	Other (Specify other)			
DCIS necrosis	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Present			
	Absent			
Inflammation	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Present			
	Absent			
DCIS size	Size in mm		pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size	pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size
Paget's disease	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Present			
	Absent			
Microinvasion	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Present			
	Absent			

LCIS	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Not identified			
LCIS type	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Classical			
	Pleomorphic			
	Florid			
DCIS/pleomorphic LCIS size	Size in mm		<i>pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size</i>	<i>pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size</i>
Invasive carcinoma	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Absent			
Invasive tumour size	Size in mm		<i>pCR0830 - Lesion Size (Pathological)</i>	<i>pCR0830 - Lesion Size (Pathological)</i>
Whole tumour (invasive + DCIS or pleomorphic LCIS) size	Size in mm		<i>pBR4190 - Whole Tumour (Invasive + DCIS) Size</i>	<i>pBR4190 - Whole Tumour (Invasive + DCIS) Size</i>
Disease extent	Single selection value list:		<i>pBR4140 - Multifocal Tumour Indicator (Breast)</i>	<i>pBR4140 - Disease Extent</i>
	Localised		N - NO (Localised)	2 - Localised
	Multiple invasive foci		Y - YES (Multiple invasive foci)	1 - Multiple invasive foci
	Cannot be assessed		9 - Not Known (Cannot be assessed)	9 - Not assessable
Invasive tumour type	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Pure			
	Mixed			
	Multiple selection value list:			

Invasive tumour type, components	Tubular/cibriform	<i>Single selection value list if 'Pure' selected for invasive tumour type</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Lobular			
	Mucinous			
	Invasive carcinoma NST			
	Micropapillary			
	Other			
Invasive tumour type, components, other	Free text	<i>Only applicable if 'Invasive tumour type, components Other' is selected</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Histological grade	Single selection value list:		<i>pCR0860 - Grade of Differentiation (Pathological)</i>	<i>pCR0860 - Grade of Differentiation (Pathological)</i>
	1		G1 - Well differentiated	G1 - Well differentiated
	2		G2 - Moderately differentiated	G2 - Moderately differentiated
	3		G3 - Poorly differentiated	G3 - Poorly differentiated
	Cannot be assessed		GX - Grade of differentiation is not appropriate or cannot be assessed	GX - Grade of differentiation is not appropriate or cannot be assessed
Lymphovascular invasion	Single selection value list:		<i>pCR0870 - Cancer Vascular or Lymphatic Invasion</i>	<i>pCR0870 - Cancer Vascular or Lymphatic Invasion</i>
	Present		YU - Yes - vascular/lymphatic invasion present	YU - Yes - vascular/lymphatic invasion present
	Absent		NU - No - vascular/lymphatic invasion not present	NU - No - vascular/lymphatic invasion not present
	Possible		UU - Uncertain whether vascular/lymphatic invasion is present or not	UU - Uncertain whether vascular/lymphatic invasion is present or not
Axillary nodes, total present	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Axillary nodes, total positive	Integer		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

			recorded within <i>pCR1020 - Pathology Report Text</i>	recorded within <i>pCR1020 - Pathology Report Text</i>
Axillary nodes, for single node positive	Single selection value list:	<i>Macrometastasis and micrometastasis only selectable if 'Axillary nodes, total positive = 1'</i>	<i>pBR4200 - Metastasis Extent Code</i>	<i>pBR4200 - Metastasis Extent Code</i>
	Macrometastasis		4 - Macrometastasis	4 - Macrometastasis
	Micrometastasis		2 - Micrometastasis	2 - Micrometastasis
	Not applicable		9 - Not known	9 - Not known
Axillary nodes, for node negative: ITCs	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Not identified			
Other nodes, site	Free text		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Other nodes, total present	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Other nodes, total positive	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Other nodes, for single node positive	Single selection value list:	<i>Macrometastasis and micrometastasis only selectable if 'Other nodes, total positive = 1'</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Macrometastasis			
	Micrometastasis			
	Not applicable			
Summary lymph node stage	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	1			
	2			
	3			

Residual invasive tumour size	Size in mm		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Whole residual tumour (invasive + DCIS or pleomorphic LCIS) size	Size in mm		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Residual disease extent	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Localised residual tumour			
	Multiple residual invasive foci			
	Cannot be assessed			
Residual invasive tumour type	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Pure			
	Mixed			
	Not applicable (no residual invasive tumour)			
Residual invasive tumour type, components	Single selection value list:	<i>Single selection value list if 'Pure' selected for residual invasive tumour type. Not applicable if 'Residual invasive tumour type' is 'Not applicable'.</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Tubular/cibriform			
	Lobular			
	Mucinous			
	Invasive carcinoma NST			
	Micropapillary			
	Other			
	Not applicable			
Residual invasive tumour type, components, other	Free text	<i>Only applicable if 'Residual invasive tumour type, components Other' is selected.</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Residual tumour histological grade	Single selection value list:		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	1			
	2			

	3		recorded within <i>pCR1020 - Pathology Report Text</i>	recorded within <i>pCR1020 - Pathology Report Text</i>
	Cannot be assessed			
Residual DCIS	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Absent			
Residual DCIS grade	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	High			
	Intermediate			
	Low			
	Cannot be assessed			
Residual LCIS	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Not identified			
Residual DCIS/ pleomorphic LCIS size	Size in mm		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Residual Paget's disease	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Not identified			
	Cannot be assessed			
Residual microinvasion	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Not identified			
Residual lymphovascular invasion	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Not identified			
	Uncertain			

Post-therapy axillary nodes, total present	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Post-therapy axillary nodes, total positive	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Post-therapy axillary nodes, total showing treatment response but no tumour cells	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Post therapy other nodes, site	Free text		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Post-therapy other nodes, total present	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Other nodes, total positive	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Post-therapy other nodes, total showing treatment response but no tumour cells	Integer		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Evidence of treatment response in metastases	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Absent			
	UICC8, UICC9		<i>pCR6820 - TNM Version Number (Pathological)</i>	<i>pCR6820 - TNM Version Number (Pathological)</i>

TNM edition number used		Within COSD, version number and edition are separate but should be reported together	pCR6980 - TNM Coding Edition	pCR6980 - TNM Coding Edition
T stage	Single selection value list:		pCR0910 - T Category (Pathological)	pCR0910 - T Category (Pathological)
	TX; T0; Tis (DCIS); Tis (LCIS); Tis (Paget's); T1mi; T1a; T1b; T1c; T2; T3; T4a; T4b; T4c; T4d			
	pTX; pT0; pTis (DCIS); pTis (Paget's)			
	ypT1mi; ypT1a; ypT1b; ypT1c; ypT2; ypT3; ypT4a, ypT4b; ypT4c; ypT4d			
N stage	Single selection value list:		pCR0920 - N Category (Pathological)	pCR0920 - N Category (Pathological)
	pNX; pN0; pN0(i-); pN0(i+); pN0(mol-); pN0(mol+); pN1mi; pN1a; pN1b; pN1c; pN2a; pN2b; pN3a; pN3b; pN3c			
	ypNX; ypN0; ypN0(i-); ypN0(i+); ypN0(mol-); ypN0(mol+); ypN1mi; ypN1a; ypN1b			
M stage	Single selection value list:		pCR0930 - N Category (Pathological)	pCR0930 - N Category (Pathological)
	pM0			
	cM0(i+)			
	M1			
Excision margins	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Involved			
	Distance from each margin			

Distance from superior margin, invasive	Distance in mm	(Submit closest margin) <i>For recording within COSD, use the distance to closest relevant margin (mm). Distance to nearest radial margin whether invasive or non invasive.</i>	pBR4210 - Distance to Margin	pBR4210 - Distance to Margin
Distance from inferior margin, invasive	Distance in mm			
Distance from medial margin, invasive	Distance in mm			
Distance from lateral margin, invasive	Distance in mm			
Distance from deep margin, invasive	Distance in mm			
Distance from superficial margin, invasive	Distance in mm			
Distance from nipple margin, invasive	Distance in mm			
Distance from superior margin, in situ	Distance in mm			
Distance from inferior margin, in situ	Distance in mm			
Distance from medial margin, in situ	Distance in mm			
Distance from lateral margin, in situ	Distance in mm			
Distance from deep margin, in situ	Distance in mm			

Distance from superficial margin, in situ	Distance in mm			
Distance from nipple margin, in situ	Distance in mm			
Oestrogen receptor status	Single selection value list:		pBR4420 - ER Status	pBR4420 - ER Status
	Positive		P - Positive (> or = 1%)	P - Positive (> or = 1%)
	Low positive (1-10%)		P - Positive (> or = 1%)	P - Positive (> or = 1%)
	Negative		N - Negative (<1%)	N - Negative (<1%)
Oestrogen receptor, % positive tumour cells	Number (0-100)		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
Oestrogen receptor, average	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Weak			
	Moderate			
	Strong			
Intensity of staining			Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
Oestrogen receptor, Score	Number (0-8 for Allred score)	<i>If using H score (0-300), record within pCR1020 - Pathology Report Text</i>	pBR4230 - ER Allred Score	pBR4230 - ER Allred Score
On-slide positive control material*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Present			
	Absent			
Progesterone receptor status*	Single selection value list:		pBR4290 - PR Status	pBR4290 - PR Status
	Positive		P - Positive	P - Positive
	Negative		N - Negative	N - Negative

Progesterone receptor, % positive tumour cells	Number (0-100)		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Progesterone receptor, average intensity of staining*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Weak			
	Moderate			
	Strong			
Progesterone receptor, Score	Number (0-8 for Allred score)	<i>If using H score (0-300), record within <i>pCR1020 - Pathology Report Text</i></i>	<i>pBR4300 - PR Allred Score</i>	<i>pBR4300 - PR Allred Score</i>
On-slide positive control material*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Present			
	Absent			
HER2 IHC score	Single selection value list:		<i>pBR4280 - HER2 Status</i>	<i>pBR4280 - HER2 IHC Score</i>
	0 Negative		<i>N1 - Negative (0)</i>	<i>N1 - Negative (0)</i>
	1+ Negative		<i>N2 - Negative (1+)</i>	<i>N2 - Negative (1+)</i>
	2+ Equivocal		<i>B - Borderline (2+)</i>	<i>B - Borderline (2+)</i>
	3+ Positive		<i>P - Positive (3+)</i>	<i>P - Positive (3+)</i>
ISH ratio*	Free text		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
HER2 status	Single selection value list:		<i>pBR4310 - HER2 ISH Status</i>	<i>pBR4310 - HER2 ISH Status</i>
	Amplified		<i>P - Positive (Amplified)</i>	<i>P - Amplified</i>
	Non-amplified		<i>N - Negative (Non-amplified)</i>	<i>N - Non-amplified</i>
	Borderline		<i>B - Borderline</i>	<i>B - Borderline</i>
	Not performed		<i>X - Not performed</i>	<i>X - Not performed</i>
HER2 copy number*	Number		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

			recorded within <i>pCR1020 - Pathology Report Text</i>	recorded within <i>pCR1020 - Pathology Report Text</i>
Chromosome 17 number*	Number		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Final HER2 status	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Positive			
	Negative			
SNOMED topography code	T...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<i>pCR6410 - Topography (SNOMED) Pathology = T</i>	<i>pCR6410 - Topography (SNOMED) Pathology = T</i>
SNOMED morphology code	M...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<i>pCR6420 - Morphology (SNOMED) Pathology = M</i>	<i>pCR6420 - Morphology (SNOMED) Pathology = M</i>
Further comments	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>