

## 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>

			<b>Consultant (Pathology Test Requested By)</b>	<b>Consultant (Pathology Test Requested By)</b>
			<b>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</b>	<b>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</b>
<b>Surgeon</b>			Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Is there a history of neo-adjuvant therapy?</b>	<b>Single selection value list:</b>		<b>pCR1000 - Neoadjuvant Therapy Indicator</b>	<b>pCR1000 - Neoadjuvant Therapy Indicator</b>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
	Not known		9 - Not known	9 - Not known
<b>Side</b>	<b>Single selection value list:</b>		<b>pCR0820 - Tumour Laterality (Pathological)</b>	<b>pCR0820 - Tumour Laterality (Pathological)</b>
	Right		R - Right	R - Right
	Left		L - Left	L - Left
<b>Specimen type</b>	<b>Multiple selection value list:</b>	If multiple specimen types are recorded within a single report, these would have to be recorded within <b>pCR1020 - Pathology Report Text</b>	<b>pCR0760 - Pathology Investigation Type (All values)</b>	<b>pCR0760 - Pathology Investigation Type (All values)</b>
	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)
			<b>pCR0970 – Specimen Nature (All values)</b>	<b>pCR0970 – Specimen Nature (All values)</b>
			1 (Primary tumour)	1 (Primary tumour)
			2 (Further excision of primary tumour)	2 (Further excision of primary tumour)
			4 (Regional Lymph Nodes)	4 (Regional Lymph Nodes)
<b>Specimen type, other (specify)*</b>	Free text	<i>Only applicable if 'Specimen type, Other' is selected</i>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Specimen weight</b>	Weight in g		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Specimen radiograph seen*</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Yes			
	No			
<b>Mammographic abnormality*</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Yes			
	No			
	Unsure			

<b>Site of previous core biopsy seen*</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Yes			
	No			
<b>Histological calcification*</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Absent			
	Benign			
	Malignant			
	Benign and malignant			
<b>Benign lesions</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	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)			
<b>Epithelial proliferation</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Not present			
	Present without atypia			
	Flat epithelial atypia			
	Present with atypia (ductal)			
	Present with atypia (lobular)			
<b>DCIS</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Absent			
	Present			

DCIS grade	Single selection value list:		<i>pBR4160 - DCIS Grade</i>	<i>pBR4160 - DCIS Grade</i>
	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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Solid			
	Cribriform			
	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 <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			
Inflammation	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			
DCIS size	Size in mm		<i>pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size</i>	<i>pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size</i>
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			
	Absent			
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			
	Absent			

LCIS	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Present			
	Not identified			
LCIS type	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Classical			
	Pleomorphic			
	Florid			
DCIS/pleomorphic LCIS size	Size in mm		<b>pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size</b>	<b>pBR4180 - DCIS/Pleomorphic or DCIS Like LCIS Size</b>
Invasive carcinoma	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Present			
	Absent			
Invasive tumour size	Size in mm		<b>pCR0830 - Lesion Size (Pathological)</b>	<b>pCR0830 - Lesion Size (Pathological)</b>
Whole tumour (invasive + DCIS or pleomorphic LCIS) size	Size in mm		<b>pBR4190 - Whole Tumour (Invasive + DCIS) Size</b>	<b>pBR4190 - Whole Tumour (Invasive + DCIS) Size</b>
Disease extent	Single selection value list:		<b>pBR4140 - Multifocal Tumour Indicator (Breast)</b>	<b>pBR4140 - Disease Extent</b>
	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 <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Pure			
	Mixed			
	Multiple selection value list:			

<b>Invasive tumour type, components</b>	Tubular/cribriform	<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 <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Lobular			
	Mucinous			
	Invasive carcinoma NST			
	Micropapillary			
	Other			
<b>Invasive tumour type, components, other</b>	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 <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Histological grade</b>	Single selection value list:		<b>pCR0860 - Grade of Differentiation (Pathological)</b>	<b>pCR0860 - Grade of Differentiation (Pathological)</b>
	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
<b>Lymphovascular invasion</b>	Single selection value list:		<b>pCR0870 - Cancer Vascular or Lymphatic Invasion</b>	<b>pCR0870 - Cancer Vascular or Lymphatic Invasion</b>
	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
<b>Axillary nodes, total present</b>	Integer		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Axillary nodes, total positive</b>	Integer		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

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



<b>Residual invasive tumour size</b>	Size in mm		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Whole residual tumour (invasive + DCIS or pleomorphic LCIS) size</b>	Size in mm		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Residual disease extent</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Localised residual tumour			
	Multiple residual invasive foci			
	Cannot be assessed			
<b>Residual invasive tumour type</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Pure			
	Mixed			
	Not applicable (no residual invasive tumour)			
<b>Residual invasive tumour type, components</b>	<b>Single selection value list:</b>	<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 <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Tubular/cribriform			
	Lobular			
	Mucinous			
	Invasive carcinoma NST			
	Micropapillary			
	Other			
	Not applicable			
<b>Residual invasive tumour type, components, other</b>	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 <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Residual tumour histological grade</b>	<b>Single selection value list:</b>		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 <b><i>pCR1020 - Pathology Report Text</i></b>	recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Cannot be assessed			
<b>Residual DCIS</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Present			
	Absent			
<b>Residual DCIS grade</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	High			
	Intermediate			
	Low			
	Cannot be assessed			
<b>Residual LCIS</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Present			
	Not identified			
<b>Residual DCIS/ pleomorphic LCIS size</b>	Size in mm		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
<b>Residual Paget's disease</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Present			
	Not identified			
	Cannot be assessed			
<b>Residual microinvasion</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Present			
	Not identified			
<b>Residual lymphovascular invasion</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Present			
	Not identified			
	Uncertain			

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

<b>TNM edition number used</b>		<i>Within COSD, version number and edition are separate but should be reported together</i>	<b>pCR6980 - TNM Coding Edition</b>	<b>pCR6980 - TNM Coding Edition</b>
<b>T stage</b>	<b>Single selection value list:</b>		<b>pCR0910 - T Category (Pathological)</b>	<b>pCR0910 - T Category (Pathological)</b>
	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			
<b>N stage</b>	<b>Single selection value list:</b>		<b>pCR0920 - N Category (Pathological)</b>	<b>pCR0920 - N Category (Pathological)</b>
	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			
<b>M stage</b>	<b>Single selection value list:</b>		<b>pCR0930 - N Category (Pathological)</b>	<b>pCR0930 - N Category (Pathological)</b>
	pM0			
	cM0(i+)			
	M1			
<b>Excision margins</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Involved			
	Distance from each margin			

Distance from superior margin, invasive	Distance in mm	<p><i>(Submit closest margin)</i></p> <p><i>For recording within COSD, use the distance to closest relevant margin (mm). Distance to nearest radial margin whether invasive or non invasive.</i></p> <p><i>For COSD measurement to the nearest mm is sufficient but may be recorded to nearest tenth of mm [max n2.max n1].</i></p> <p><i>If all distances are required to be recorded separately, these should be recorded within</i></p> <p><b>pCR1020 - Pathology Report Text</b></p>	<b>pBR4210 - Distance to Margin</b>	<b>pBR4210 - Distance to Margin</b>
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:		<b>pBR4420 - ER Status</b>	<b>pBR4420 - ER Status</b>
	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 <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
Oestrogen receptor, average	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Weak			
	Moderate			
	Strong			
Intensity of staining			Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
Oestrogen receptor, Score	Number (0–8 for Allred score)	<i>If using H score (0–300), record within pCR1020 - Pathology Report Text</i>	<b>pBR4230 - ER Allred Score</b>	<b>pBR4230 - ER Allred Score</b>
On-slide positive control material*	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Present			
	Absent			
Progesterone receptor status*	Single selection value list:		<b>pBR4290 - PR Status</b>	<b>pBR4290 - PR Status</b>
	Positive		P - Positive	P - Positive
	Negative		N - Negative	N - Negative

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

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