



# **National Bowel Cancer Audit Dataset**

**Version: 3.1**

**Date: 19 October 2009**

## Amendment History

Version	Date Issued	Brief Summary of Change	Owner's Name/Signature
0.1	31/03/06		Kimberley Greenaway
0.2	05/04/06	Jeff Stamatakis comments added	Kimberley Greenaway
0.3	04/05/06	Excision Margin (Circumferential Margins) values corrected	Kimberley Greenaway
1.0	23/05/06	Updated after User Acceptance Testing	Kimberley Greenaway
2.0 Final	10/11/06	Changes made to align with National Cancer Dataset	Kimberley Greenaway
2.1	16/07/07	Changes made to incorporate bowel dataset data references and to correct formatting errors	Nancy Horseman
3.0	15/07/09	Changes made to update five organisation codes with mandatory status	Rose Napper
3.1	19/10/09	Treatment Surgery Provider Code no longer mandatory	Rose Napper

### NOTES

- Data items with a reference number prefixed with 'B' are part of the National Bowel Cancer Audit Dataset (NBCA). All others are from the National Cancer Dataset (NCDS).
- Mandatory data items correspond to those items that are required to enter a record within the National Bowel Cancer Audit system.
- It has not been possible to align the codes for the ICD10 Major Site Code with the NCDS codes, this will be addressed in a later change.
- There are two changes relating to references to the NCDS (see items B56 and B61, defined in the National Bowel Cancer Audit Data Manual)

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
PATIENT	NHS_NO	NHS Number	NUMBER(10)	Yes	1.1		
PATIENT	ORIGINAL_ORG_CODE	Originating Organisation Code	TEXT(10)	Yes	B1		
PATIENT	UPDATING_ORG_CODE	Updating Organisation Code	TEXT(10)	Yes	B2		
PATIENT	UPLOADING_ORG_CODE	Uploading Organisation Code	TEXT(10)		B3		
PATIENT	BATCH_ID	Batch ID	NUMBER(38)		B4		
PATIENT	BATCH_RECORD_ID	Batch Record ID	NUMBER(38)		B5		
PATIENT	PAT_LOCAL_CODE	Patient Local Identifier Code	TEXT(20)		1.2		
PATIENT	FORENAME	Patient Forename	TEXT(22)		1.6		
PATIENT	SURNAME	Patient Surname	TEXT(30)		1.5		
PATIENT	POSTCODE	Postcode	TEXT(8)		1.8		
PATIENT	DOB	Date of Birth	DATE		1.10		
PATIENT	SEX	Patient Sex	NUMBER(2)	Yes	1.9	1	Male

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						2	Female
						9	Not specified
PATIENT	HEIGHT	Patient Height (m)	NUMBER(3,2)		B6		
PATIENT	WEIGHT	Patient Weight (kg)	NUMBER(4,1)		B7		
PATIENT	CONSULTANT CODE	Consultant Code	TEXT(8)		7.2		
PATIENT	DATE_OF_DEATH	Patient Date of Death	DATE		15.1		
PATIENT	CAUSE_OF_DEATH	Patient Cause of Death	NUMBER(2)		15.4	1	Death by first registered primary
						2	Death by another primary
						3	Death by other causes, cancer known to be present
						4	Death by other causes, cancer not mentioned
						5	Indeterminate cause of death (more than one primary)
						6	Death from metastatic disease where origin of primary is known.

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						7	Death from metastatic disease where origin of primary is unknown
PATIENT	POST_MORTEM	Post Mortem	TEXT(1)		B8	N	No
						Y	Yes
TUMOUR	NHS_NO	NHS Number	NUMBER(10)	Yes	1.1		
TUMOUR	CARE_SPELL_NUMBER	Care Spell Number	TEXT(22)	Yes	1.4		
TUMOUR	ORIGINAL_ORG_CODE	Originating Organisation Code	TEXT(10)	Yes	B9		
TUMOUR	UPDATING_ORG_CODE	Updating Organisation Code	TEXT(10)	Yes	B10		
TUMOUR	UPLOADING_ORG_CODE	Uploading Organisation Code	TEXT(10)		B11		
TUMOUR	BATCH_ID	Batch ID	NUMBER(38)		B12		
TUMOUR	BATCH_RECORD_ID	Batch Record ID	NUMBER(38)		B13		
TUMOUR	PLACE_FIRST_SEEN_ORG_CODE	Place First Seen Organisation code	TEXT(10)	Yes	B14		
TUMOUR	DATE_OF_CLINICAL_DIAGNOSIS	Date Of Clinical Diagnosis	DATE		B15		

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TUMOUR	DATE_OF_DIAGNOSIS	Date Of Diagnosis	DATE	Yes	4.1		
TUMOUR	REFERRAL_SOURCE	Referral Source	TEXT(2)		2.1	01	Following an emergency admission
						02	Following a domiciliary visit by the consultant
						03	Referral from General Medical Practitioner
						05	Referral from a consultant, other than in an A&E department.
						06	Self-referral
						08	Other source of referral
						10	Following an A&E attendance
						99	Not known
TUMOUR	DIAGNOSTIC_ROUTE	Diagnostic Route	TEXT(2)		C.1	1	Cancers detected by The National Bowel Cancer Screening Programme
						2	Interval cancers occurring in patients screened by The National Bowel Cancer Screening Programme
						3	Other cancers (bowel cancers detected in other screening programmes)

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						9	Not known
TUMOUR	DATE_OF_REFERRAL_RECIEPT	Date Of Referral Receipt	DATE				
TUMOUR	PRIORITY_OF_REFERRAL	Priority Of Referral to Outpatients	TEXT(2)		2.4	01	Urgent referral for suspected cancer from a General Medical Practitioner
						02	Other referral source or urgency
TUMOUR	DATE_OF_FIRST_HOSP_APPT	Date Of First Hosp Appointment	DATE		2.9		
TUMOUR	ICD10_MAJOR_SITE_CODE	ICD10 Major Site Code	NUMBER(2)	Yes	4.2	1	C18.0: Caecum
						2	C18.1: Appendix
						3	C18.2: Ascending colon
						4	C18.3: Hepatic flexure
						5	C18.4: Transverse colon
						6	C18.5: Splenic flexure
						7	C18.6: Descending colon

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						8	C18.7: Sigmoid colon
						9	C19: Colon with rectum Rectosigmoid (colon)
						10	C20: Malignant neoplasm of rectum – rectal ampulla
TUMOUR	SYNCHRONOUS_SITES_CAECUM	Synchronous Sites Caecum	TEXT(1)		B16	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_APPENDIX	Synchronous Sites Appendix	TEXT(1)		B17	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_ASC_COLON	Synchronous Sites Ascending Colon	TEXT(1)		B18	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_HEP_FLEX	Synchronous Sites Hepatic Flexure	TEXT(1)		B19	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_TRAN_COLON	Synchronous Sites Transverse Colon	TEXT(1)		B20	N	No

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_SPLEN_FLEX	Synchronous Sites Splenic Flexure	TEXT(1)		B21	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_DESC_COLON	Synchronous Sites Descending Colon	TEXT(1)		B22	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_SIG_COLON	Synchronous Sites Sigmoid Colon	TEXT(1)		B23	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_RECTO_SIG	Synchronous Sites Recto/Sigmoid	TEXT(1)		B24	N	No
						Y	Yes
TUMOUR	SYNCHRONOUS_SITES_RECTUM	Synchronous Sites Rectum	TEXT(1)		B25	N	No
						Y	Yes
TUMOUR	HEIGHT_ABOVE_ANAL_VERGE	Height of Tumour above Anal Verge (cm)	NUMBER(2)		B26		

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TUMOUR	MODIFIED_DUKES	Modified Dukes' Staging	TEXT(2)		B27	A	A
						B	B
						C1	C1
						C2	C2
						D	D
						99	Not known
TUMOUR	CLIN_INT_DATE_COLONOSCOPY	Clinical Intervention Date – Colonoscopy	DATE		B28		
TUMOUR	PAT_PROC_RESULT_COLONOSCOPY	Patient Procedure Result – Colonoscopy	TEXT(2)		C5	1	Normal (no evidence of cancer)
						2	Abnormal (cancer detected whether complete or not)
						3	Inadequate (no cancer but incomplete examination)
						4	Not done
						9	Not known

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TUMOUR	REASON_INCOMPLETE	Colonoscopy Incomplete Reason	NUMBER(2)		C.6	1	Obstructing cancer
						2	Poor bowel preparation
						4	Other
						5	Patient intolerance
						6	Technical reasons
TUMOUR	COLONOSCOPY_COMPLICATIONS	Colonoscopy Complications	NUMBER(2)		B29	1	Bleeding
						2	Perforation
						3	Other
						4	No complication
TUMOUR	CLIN_INT_DATE_BARIUM_ENEMA	Clinical Intervention Date - Barium Enema	DATE		B30		
TUMOUR	PAT_PROC_RESULT_BARIUM_ENEMA	Patient Procedure Result - Barium Enema	NUMBER(2)		B31	1	Normal (no evidence of cancer)
						2	Abnormal (cancer)

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						3	Inadequate (bowel not fully visualized)
						4	Not done
						99	Not known
TUMOUR	CT_COLONOGRAPHY	CT Colonography	NUMBER(2)		B32	1	Normal (no evidence of cancer)
						2	Abnormal (cancer or polyp detected)
						3	Inadequate (incomplete or technically unsatisfactory examination)
						4	Not done
						99	Not known
TUMOUR	CLIN_INT_DATE_CT_SCAN	Clinical Intervention Date - CT Scan	DATE		B33		
TUMOUR	PAT_PROC_RESULT_CT_SCAN	Patient Procedure Result - CT Scan	TEXT(2)		B34	MO	Normal liver
						M1	Liver metastases
						03	Liver uncertain

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TUMOUR	CLIN_INT_DATE_MRI_SCAN_1	Clinical Intervention Date - 1st MRI Scan	DATE		B35		
TUMOUR	PAT_PROC_RESULT_T_MRI_SCAN_1	Patient Procedure Result - 1st MRI Scan T Stage	TEXT(2)		B36	Tx	Tx
						T1	T1
						T2	T2
						T3	T3
						T4	T4
TUMOUR	PAT_PROC_RESULT_N_MRI_SCAN_1	Patient Procedure Result - 1st MRI Scan N Stage	TEXT(2)		B37	N0	N0
						N1	N1
						N2	N2
TUMOUR	MARGIN_THREATENED	1st MRI Scan Margin Threatened - Result	TEXT(1)		B38	N	No
						Y	Yes
						U	Uncertain

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TUMOUR	CLIN_INT_DATE_MRI_SCAN_2	Clinical Intervention Date - 2nd MRI Scan	DATE		B39		
TUMOUR	PAT_PROC_RESULT_T_MRI_SCAN_2	Patient Procedure Result - 2nd MRI Scan T Stage	TEXT(2)		B40	01	No change in bulk
						02	Increase in bulk
						03	Reduction in bulk
TUMOUR	CLIN_INT_DATE_ENDO_US	Clinical Intervention Date - Endoanal Ultrasound	DATE		B41		
TUMOUR	PAT_PROC_RESULT_ENDO_US	Patient Procedure Result - Endoanal Ultrasound	TEXT(2)		B42	Tx	Tx
						T1	T1
						T2	T2
						T3	T3
						T4	T4
TUMOUR	CLIN_INT_DATE_ABDO_US	Clinical Intervention Date - Abdominal Ultrasound	DATE		B43		
TUMOUR	PAT_PROC_RESULT_ABDO_US	Patient Procedure Result - Abdominal Ultrasound	TEXT(2)		B44	MO	Normal liver

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						M1	Liver metastases
						03	Liver uncertain
TUMOUR	T_CATEGORY_FINAL_PRE_TREAT	Final Pre-treatment T Category	TEXT(2)		6.1	Tx	Tx
						T1	T1
						T2	T2
						T3	T3
						T4	T4
TUMOUR	N_CATEGORY_FINAL_PRE_TREAT	Final Pre-treatment N Category	TEXT(2)		6.3	N0	N0
						N1	N1
						N2	N2
TUMOUR	M_CATEGORY_FINAL_PRE_TREAT	Final Pre-treatment M Category	TEXT(2)		6.5	M0	M0
						M1	M1

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TUMOUR	DISTANT_METASTASTES_LIVER	Distant Metastases: Liver	NUMBER(2)		B45	1	None
						2	Certain
						3	Uncertain
TUMOUR	DISTANT_METASTASTES_LUNG	Distant Metastases: Lung	NUMBER(2)		B46	1	None
						2	Certain
						3	Uncertain
TUMOUR	DISTANT_METASTASTES_BONE	Distant Metastases: Bone	NUMBER(2)		B47	1	None
						2	Certain
						3	Uncertain
TUMOUR	DISTANT_METASTASTES_OTHER	Distant Metastases: Other	NUMBER(2)		B48	1	None
						2	Certain
						3	Uncertain

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TUMOUR	MDT_DISCUSSION_INDICATOR	MDT Discussion Indicator	TEXT(1)		5.1	N	No
						Y	Yes
TREATMENT	NHS_NO	NHS Number	NUMBER(10)	Yes	1.1		
TREATMENT	CARE_SPELL_NUMBER	Care Spell Number	TEXT(22)	Yes	1.4		
TREATMENT	TREATMENT_ID	Treatment ID	NUMBER(38)	Yes	B49		
TREATMENT	ORIGINAL_ORG_CODE	Originating Organisation Code	TEXT(10)	Yes	B50		
TREATMENT	UPDATING_ORG_CODE	Updating Organisation Code	TEXT(10)	Yes	B51		
TREATMENT	UPLOADING_ORG_CODE	Uploading Organisation Code	TEXT(10)		B52		
TREATMENT	BATCH_ID	Batch ID	NUMBER(38)		B53		
TREATMENT	BATCH_RECORD_ID	Batch Record ID	NUMBER(38)		B54		
TREATMENT	SURGERY_PROVIDER_ORG_CODE	Surgery Provider Organisation Code	TEXT(5)		B55		
TREATMENT	START_DATE_OF_FIRST_PROCEDURE	Start Date of 1st Definitive Procedure Treatment	DATE		B56		

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TREATMENT	REASON_SURGERY_NOT_PERFORMED	Reason No Surgery Performed	TEXT(2)		B57	01	Patient refuses treatment for whatever reason
						02	Patient unfit
						03	Advanced disease
						08	Other
TREATMENT	ASA_GRADE	ASA Grade	TEXT(3)		B58	I	Fit
						II	Relevant disease
						III	Restrictive disease
						IV	Life threatening disease
						V	Moribund
						99	Not known
						7	Not applicable
TREATMENT	THROMBOEMBOLISM_PREVENTION	Thromboembolism Prevention	TEXT(1)		B59	N	No

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						Y	Yes
TREATMENT	ANTIBIOTIC_INFECT_PREVENTION	Antibiotic Infect Prevention	TEXT(1)		B60	N	No
						Y	Yes
TREATMENT	NURSE_SEEN	Colorectal Nurse or Stoma Therapist Seen	TEXT(2)		C2	N	No
						Y	Yes
						9	Not known
TREATMENT	DATE_SEEN_BY_NURSE	Date Seen by Colorectal Nurse or Stoma Therapist	DATE		C7		
TREATMENT	CANCER_TREATMENT_CURABILITY	Cancer Treatment Intent (Curability)	TEXT(2)		B61	C	Curative
						P	Palliative
						U	Uncertain
						9	Not known
TREATMENT	DATE_OF_SURGERY	Procedure Date (Date of Surgery)	DATE		7.9		

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TREATMENT	START_TIME_OF_SURGERY_24HRS	Theatre Case Start Time (24hr)	TEXT(4)		C9		
TREATMENT	SURGICAL_URGENCY_MODE_OF_OP	Surgical Urgency (Mode of Operation)	TEXT(2)		C8	01	Elective
						02	Scheduled
						03	Urgent
						04	Emergency
						99	Urgency unknown
TREATMENT	PRIMARY_PROCEDURE_NAME	Primary Procedure Name (OPCS)	TEXT(5)		7.10	H07.9	Right hemicolectomy
						H06.9	Extended right hemicolectomy
						H08.9	Transverse colectomy
						H09.9	Left hemicolectomy
						H10.9	Sigmoid colectomy
						H33.4	Anterior Resection

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						H33.1	APER
						H33.5	Hartmann's procedure
						H051	Total colectomy and ileorectal anastomosis
						H41.9	TART
						H04.1	Total excision of colon and rectum
						H04.2	Tot. exc. colon & rectum + anast. ileum to anus + create pouch
						H41.2	TEMS
						H24.3	Stent
						H20.1	Polypectomy: End. extirpation lesion colon (exc. sigmoid)
						H23.9	Polypectomy: End. extirpation lesion lower bowel (fiberoptic sigmoidoscope)
						H44.4	EUA only with/without biopsy
						T30.9	Laparotomy only

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						T43.9	Laparoscopy only
						G74.9	Stoma only ileostomy
						H15.9	Stoma only colostomy
						98	Other
TREATMENT	COMPLICATIONS_OF_CANCER	Complications Of Cancer	NUMBER(2)		B62	0	None
						1	Pericolic abscess
						2	Free perforation
						3	Intestinal obstruction
						98	Other
TREATMENT	SURGEON_GMC_CODE	Code of Responsible HCP (Surgeon GMC Code)	TEXT(8)		C3		
TREATMENT	SURGEON_GRADE	Grade of Responsible HCP (Grade of operating surgeon)	NUMBER(2)		C4	1	Consultant
						2	Assoc specialist

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						3	Staff grade / clinical assistant
						4	SPR
						5	SHO
TREATMENT	ANAESTHETIST_GRADE	Anaesthetist Grade	NUMBER(2)		B63	1	Consultant
						2	NCCG
						3	SPR
						4	SHO
						98	Other
TREATMENT	ANASTOMATOSIS_DONE	Patient Procedure (Anastomosis)	TEXT(1)		B64	N	No
						Y	Yes
TREATMENT	STOMA_PROCEDURE	Patient Procedure (Stoma)	NUMBER(2)		B65	0	Not done
						1	Ileostomy temporary

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						2	Ileostomy permanent
						3	Colostomy temporary
						4	Colostomy permanent
TREATMENT	DATE_STOMA_CLOSED	Date Stoma Closed	DATE		B66		
TREATMENT	SURGICAL_ACCESS	Surgical Access	NUMBER(2)		B67	1	Open operation
						2	Laparoscopic then open surgery
						3	Laparoscopy converted to open
						4	Laparoscopic completed
TREATMENT	BOWEL_DIVISION_TYPE	Type of Bowel Division at Laparoscopy	NUMBER(2)		B68	1	Intracorporeal
						2	Extracorporeal
						3	None
TREATMENT	ANASTOMOSIS_TYPE	Type of Anastomosis at Laparoscopy	NUMBER(2)		B69	1	Intracorporeal

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						2	Extracorporeal
						3	None
TREATMENT	DATE_OF_DEATH_DISCHARGE	Discharge Date (Hospital Provider Spell) (Date of discharge or Death)	DATE		7.12		
TREATMENT	MAJOR_POSTOP_COMPLICATION	Morbidity Code Cancer Surgery (Major Postoperative Complication)	TEXT(5)		B70	N	None
						T85.6	Leak
						T81.4	Abscess
						T81.0	Bleed
						T91.3	Obstruction
						K91.4	Stoma
						Y	Readmission within 14 days
						K91.9	Other
TREATMENT	LAPAROSCOPY_COMPLICATION	Morbidity Code (Major Laparoscopic specific complication)	NUMBER(2)		B71	1	None

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						2	Surgical emphysema
						3	Pulmonary insufficiency
						4	Significant intraoperative haemorrhage
						5	Duodenal injury
						6	Small bowel injury
						7	Ureteric injury
						8	Major vessel injury
						9	Gross faecal contamination
						10	Bladder injury
						11	Injury by trocar
						12	Other injury by instrument
TREATMENT	EARLY_PORT_SITE_COMPLICATION	Early Port Site Complication	TEXT(2)		B72	01	No complication

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						02	Port site sepsis
						03	Port site bleeding/ haematoma
						98	Other
TREATMENT	PATHOLOGY_PROVIDER_ORG_CODE	Organisation Code (Pathology Provider)	TEXT(5)	Yes	8.5		
TREATMENT	SAMPLE_SPECIMEN_RECEIPT_DATE	Date Specimen Sample Received	DATE		8.2		
TREATMENT	INVESTIGATION_RESULT_DATE	Investigation Result Date (Date of Report)	DATE		8.3		
TREATMENT	AUTHOR_PATHOLOGIST_GMC_CODE	Authorising Pathologist GMC Code	TEXT(8)		8.4		
TREATMENT	SERVICE_REPORT_STATUS	Service Report Status	NUMBER(2)		8.21	1	Final (complete)
						2	Preliminary (interim)
						3	Test not available
						4	Unspecified
						5	Second opinion/supplementary report

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TREATMENT	SERVICE_REPORT_IDENTIFIER	Service Report Identifier	TEXT(20)		8.20		
TREATMENT	SYNCHRONOUS_CANCER	Synchronous Cancer Indicator	TEXT(2)		8.9	N	No
						Y	Yes
						9	Not known
TREATMENT	CANCER_SIZE	Invasive Lesion Size (Cancer size, mm)	NUMBER(3)		8.8		
TREATMENT	POSITIVITY_CUT_COLON_OR_RECTUM	Excision Margin (Positivity of cut colon or rectum margin)	NUMBER(2)		B73	0	Margin not involved
						1	Margin involved
						99	Not known
TREATMENT	DISTANCE_TO_CUT_MARGIN	Distance of tumour to nearest cut bowel margin (mm)	NUMBER(3)		B74		
TREATMENT	CIRCUMFERENTIAL_MARGINS	Excision Margin (Circumferential margins)	NUMBER(2)		B75	0	Margin not involved
						1	Margin involved
						99	Not known

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TREATMENT	DISTANCE_TO_CIRCUM_MARGIN	Distance between cancer and circumferential margins (mm)	NUMBER(3)		B76		
TREATMENT	GRADE_OF_DIFFERENTIATION	Grade Of Differentiation	TEXT(2)		8.11	GX	Grade of differentiation is not appropriate or cannot be assessed
						G1	Well differentiated
						G2	Moderately differentiated
						G3	Poorly differentiated
						G4	Undifferentiated anaplastic
TREATMENT	HISTOLOGY	Histology (SNOMED)	TEXT(7)		8.10	M8140/3	Adenocarcinoma
						M8000/3	Other
TREATMENT	NO_OF_LYMPH_NODES_FOUND	Nodes Examined Number (Number of lymph nodes found)	NUMBER(6)		8.14		
TREATMENT	NO_OF_POS_LYMPH_NODES_FOUND	Nodes Positive Number (Number of positive lymph nodes found)	NUMBER(6)		8.15		
TREATMENT	EXTRAMURAL_VASCULAR_INVASION	Cancer Vascular or Lymphatic Invasion (Extramural vascular invasion)	TEXT(1)		8.12	N	No
						Y	Yes

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TREATMENT	PERF_OR_SEROSAL_INVOLVEMENT	Perforation or Serosal Involvement	TEXT(1)		B77	N	No
						Y	Yes
TREATMENT	DIST_LOWENDTUM_TO_RESMARGIN	Distance between lower end of tumour and resection margin in rectal and rectosigmoid tumours (mm)	NUMBER(3)		B78		
TREATMENT	DIST_LOWENDCAN_TO_DENTLINE	Distance between lower end of cancer and dentate line in APER specimens (mm)	NUMBER(3)		B79		
TREATMENT	TNM_TUMOUR	T Category (Pathological)	TEXT(3)		8.16	Tx	Tx
						pT0	pT0
						pT1	pT1
						pT2	pT2
						pT3	pT3
						pT4	pT4
TREATMENT	TNM_NODES	N Category (Pathological)	TEXT(3)		8.17	Nx	Nx

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						pN0	pN0
						pN1	pN1
						pN2	pN2
TREATMENT	TNM_METASTASES	M Category (Pathological)	TEXT(2)		8.18	Mx	Mx
						M0	M0
						M1	M1
TREATMENT	PATHOLOGICAL_DUKES_STAGING	Site Specific Staging Classification (Pathological Dukes' Staging)	TEXT(2)		B80	A	A
						B	B
						C1	C1
						C2	C2
						99	Not known
TREATMENT	TELETHERAPY_SITE_CODE	Site Code of Teletherapy Treatment	TEXT(5)	Yes	10.1		

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TREATMENT	TELETHERAPY_CONSULANT_CODE	Consultant Code	TEXT(8)		10.2		
TREATMENT	TELETHERAPY_TYPE_GIVEN	Teletherapy Type Given	NUMBER(2)		B81	1	None
						2	Short course preoperative
						3	Long course preoperative
						4	Postoperative
						5	Definitive
						6	Palliative
TREATMENT	TELETHERAPY_START_DATE	Start Date Teletherapy Treatment Course (Radiotherapy Start Date)	DATE		10.8		
TREATMENT	TELETHERAPY_TRIAL	Teletherapy Trial	TEXT(1)		B82	N	No
						Y	Yes
TREATMENT	CDT_SITE_CODE	Site Code (Of Cancer Drug Treatment) (Hospital)	TEXT(5)	Yes	9.1		
TREATMENT	CDT_CONSULTANT_CODE	Consultant Code	TEXT(8)		9.2		

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
TREATMENT	DRUG_TREATMENT_INDENT	Drug Treatment Intent	TEXT(2)		9.8	P	Palliative
						A	Adjuvant
						N	Neoadjuvant
						98	Other
TREATMENT	ACDR_START_DATE	Start Date (Anti-cancer drug regimen)	DATE		9.10		
TREATMENT	CHEMOTHERAPY_TRIAL	Chemotherapy Trial	TEXT(1)		B83	N	No
						Y	Yes
FOLLOW_UP	NHS_NO	NHS Number	NUMBER(10)	Yes	1.1		
FOLLOW_UP	CARE_SPELL_NUMBER	Care Spell Number	TEXT(22)	Yes	1.4		
FOLLOW_UP	FOLLOW_UP_ID	Follow Up ID	NUMBER(38)	Yes	B84		
FOLLOW_UP	ORIGINAL_ORG_CODE	Originating Organisation Code	TEXT(10)	Yes	B85		
FOLLOW_UP	UPDATING_ORG_CODE	Updating Organisation Code	TEXT(10)	Yes	B86		

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
FOLLOW_UP	UPLOADING_ORG_CODE	Uploading Organisation Code	TEXT(10)		B87		
FOLLOW_UP	BATCH_ID	Batch ID	NUMBER(38)		B88		
FOLLOW_UP	BATCH_RECORD_ID	Batch Record ID	NUMBER(38)		B89		
FOLLOW_UP	FOLLOW_UP_PROVIDER_ORG_CODE	Organisation Code (Follow Up Provider)	TEXT(10)		B90		
FOLLOW_UP	DATE_OF_FOLLOW_UP	Clinical Status Assessment Date (Cancer) (Date of Follow Up)	DATE		14.1		
FOLLOW_UP	MODE_OF_FOLLOW_UP	Mode Of Follow Up	NUMBER(2)		B91	1	Outpatient (clinician)
						2	Endoscopy
						3	Nurse lead clinic
						4	GP
						5	Postal
						98	Other
FOLLOW_UP	PRIM_TUMOUR_STS_LOCAL_RECURRE	Primary Tumour Status (Local Recurrence)	TEXT(1)		B92	N	No evidence of primary tumour

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						Y	Recurrent primary tumour
FOLLOW_UP	LOCAL_RECURRENCE_DIAGNOSED_BY	Local Recurrence Diagnosed By	NUMBER(2)		B93	1	Histology
						2	Imaging
						3	Clinical
						98	Other
FOLLOW_UP	WOUND_RECURRENCE	Wound Recurrence	TEXT(1)		B94	N	No
						Y	Yes
FOLLOW_UP	PORT_SITE_RECURRENCE	Port Site Recurrence	TEXT(1)		B95	N	No
						Y	Yes
FOLLOW_UP	METASTATIC_STATUS_DIST_SPREAD	Metastatic Status Dist Spread	TEXT(1)		14.4	N	No evidence of Metastases
						Y	New distant Metastases
FOLLOW_UP	SITE_OF_DISTANCE_SPREAD	Site Of Distance Spread	NUMBER(2)		B96	1	Liver

Record Name	Data Item	Field Name	Data Type	Mandatory	Dataset Ref	Code	Description
						2	Lung
						3	Bone
						4	Other
FOLLOW_UP	TREATMENT_RELATED_MORBIDITY	Treatment Related Morbidity	NUMBER(2)		14.10	2	Mild toxicity
						3	Moderate toxicity
						4	Severe toxicity
						5	Death due to toxicity