

Module: colorectal-path

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colorectal-malig

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1	CENTER_NO	number (2,0)	Required: true
Center identification number.			

Allowable Values

11	Sinai Health Systems (formerly Cancer Care Ontario)
12	Cedars-Sinai & Cleveland Clinic (formerly USC Consortium)
13	University of Melbourne
14	University of Hawaii Cancer Center
15	Mayo Clinic
16	Fred Hutch, Seattle
17	UCSF: University of California at San Francisco (formerly CPIC, originally Northern California (NCCC))

2	PERSON_ID	string (12)	Required: true
Number that uniquely identifies an individual.			

3	TUMOR_NO	number (2,0)	Required: true
Computer generated sequential number, starting with 1, assigned to each tumor for a given individual when entered into the local system. No adjustment is made when a tumor is deleted from the system. Tumor numbers are never reused. PERSON_NO, TUMOR_NO uniquely identifies each tumor in the CIS. Tumor number should correspond with information from the CANCER file from Volume I.			

Allowable Values

1 to 99 Range

4	DT_EVAL	string (8)	Required: true																		
Date of this record (i.e. date specimen evaluated).																					
5	BLOCK_SPEC_CID	string (9)	Required: false																		
Specimen ID number. Consists of concatenation of CENTER_NO (2 digit) + local specimen number (7 characters). References TISSUE file from Volume II Biospecimen Data Dictionary. F-121 : SPECIMEN_ID must begin with CENTER_NO (COLORECT_MALIG) F-200 : SPECIMEN_ID must begin with CENTER_NO (POLYPS)																					
6	SPEC_EXAM	number (1,0)	Required: true																		
Was specimen examined from primary site or metastatic site?.																					
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Allowable Values</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Primary site</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Metastatic site</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Both</td> </tr> </tbody> </table>				Allowable Values		1	Primary site	2	Metastatic site	3	Both										
Allowable Values																					
1	Primary site																				
2	Metastatic site																				
3	Both																				
7	PRIM_SITE_CAT	number (1,0)	Required: true																		
Primary site of colorectal cancer; Should include hepatic and splenic flexures with transverse colon.																					
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Allowable Values</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Caecum</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Asc</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Trans</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Desc</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Sigmoid</td> </tr> <tr> <td style="text-align: center;">6</td> <td>Rectum</td> </tr> <tr> <td style="text-align: center;">7</td> <td>Appendix</td> </tr> <tr> <td style="text-align: center;">9</td> <td>Unknown</td> </tr> </tbody> </table>				Allowable Values		1	Caecum	2	Asc	3	Trans	4	Desc	5	Sigmoid	6	Rectum	7	Appendix	9	Unknown
Allowable Values																					
1	Caecum																				
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3	Trans																				
4	Desc																				
5	Sigmoid																				
6	Rectum																				
7	Appendix																				
9	Unknown																				
8	PRIM_HIST_CAT	number (1,0)	Required: true																		
Categorization of histologic type of colorectal primary site; In mucinous carcinomas at least 50% of the tumor comprises areas in which mucin secretion is abundant (more mucus than epithelium). Most poorly differentiated solid types include areas of adenocarcinoma and should not be called undifferentiated. In signet ring cell cancers, 50% of the tumor is composed of signet ring cells.																					
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Allowable Values</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Adenocarcinoma</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Mucinous</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Signet ring</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Undiff</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Other</td> </tr> </tbody> </table>				Allowable Values		1	Adenocarcinoma	2	Mucinous	3	Signet ring	4	Undiff	5	Other						
Allowable Values																					
1	Adenocarcinoma																				
2	Mucinous																				
3	Signet ring																				
4	Undiff																				
5	Other																				
9	GRADE	number (1,0)	Required: true																		
Grade (worst); The worst area should be graded. Minor fragmentation of glands at the growing tumor margin should be ignored. Well-differentiated cancers have well-formed glands relatively uniform nuclear characteristics. There is a resemblance to																					

adenomatous epithelium. Moderately differentiated cancers have irregular glands but a glandular architecture is still obvious. In poorly differentiated cancers glandular architecture is discerned with difficulty. These are well circumscribed with solid sheets and/or trabeculae and/or cribiform and/or signet ring areas.

Allowable Values

- 1 Well
- 2 Moderate
- 3 Poor
- 4 Undifferentiated
- 9 Unknown

MARGIN

number (1,0)

Required: false

10

Tumor margin; Cancers considered, as intermediate between expanding and infiltrating should be grouped with the expanding subset. An infiltrating growth pattern may be suspected by naked eye examination of the slide because the pink muscle and blue tumor are merged and difficult to distinguish. Microscopically, infiltrating cancers dissect between muscle bundles, often with a "raining down" pattern. There is often diffuse infiltration of fat, perineurial invasion and vascular invasion.

Allowable Values

- 1 Expanding
- 2 Infiltrating
- 9 Unknown

LC_PERI

number (1,0)

Required: false

11

Peritumoral lymphocytes; The presence of peritumoral lymphocytes indicates a distinct inflammatory cuff or cap at the deepest point of penetration of the tumor. The inflammatory cells include neutrophils, eosinophils, macrophages and plasma cells as well as lymphocytes.

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

LC_CROHN

number (1,0)

Required: false

12

Crohn's-like Lymphocytes; The Crohn's-like reaction refers to lymphocytes arranged in aggregates or nodules, mainly away from the cancer and in the perirectal or mesenteric fat. It is suggested that at least three lymphoid aggregates should be present in a section.

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

LC_INFIL

number (1,0)

Required: false

13

Tumor infiltrating lymphocytes. In marked infiltration, the malignant epithelium is peppered with lymphocytes. The ratio of nuclei (lymphocyte: epithelial) should be at least 1: 10 (or at least 12 intraepithelial lymphocytes within a high power (40) field) in the most obviously affected areas (about 3% of cases). Mild infiltration means that the lymphocyte: epithelial ratio should be at least 1:25 (or at least 5 unequivocal intraepithelial lymphocytes within one high power (40) field) in the most obviously affected areas

(about 17% of cases). None means a lower frequency or none detected after searching for one minute (about 80% if cases).

Allowable Values

1 Yes, marked

2 Yes, mild

3 No

9 Unknown

14 **LOC_EXCIS** number (1,0) Required: true
Local excision

Allowable Values

1 Complete

2 Incomplete

9 Unknown

15 **TSTAGE_M** number (1,0) Required: true
T stage of colorectal cancer

Allowable Values

1 to 4 or 8,9 Range

8 Tis (Carcinoma in-situ)

9 Unknown

16 **DIST_SPREAD** number (1,0) Required: true
Distant spread - colorectal cancer

Allowable Values

1 Yes

2 No

9 Unknown (score unknown if no definitive statement of distant spread in pathology report)

17 **LN** number (1,0) Required: true
Positive nodes?

Allowable Values

1 Yes

2 No

9 Unknown

18 **LN_POS** number (2,0) Required: true

Number of positive nodes. Note: codes adopted from SEER & NAACCR standards.

Allowable Values	
0 to 99	Range
0	All nodes examined negative
96	96 or more positive nodes
97	Positive nodes, number of positive nodes not specified
98	No nodes examined
99	Unknown if nodes are positive or negative; not applicable

19 **LN_EX** number (2,0) Required: true

Total number of examined nodes. Note: codes adopted from SEER & NAACCR standards.

Allowable Values	
0 to 89 or 90, 95, 96, 99	Range
0	No nodes examined
90	90 or more nodes examined
95	No nodes removed
96	Node sampling; number unknown/not stated
99	Unknown if nodes examined; not applicable

20 **VEN_INV** number (1,0) Required: false

Venous invasion (note: formerly called vascular invasion VAS_INV).

Allowable Values	
1	Yes
2	No
9	Unknown

21 **TNM** number (1,0) Required: true

TNM Stage

Allowable Values	
1	I
2	II
3	III
4	IV
0	in-situ lesions
9	Unknown (if distant spread is scored 9

SYNCHRON number (1,0) Required: true

22 Synchronous colorectal cancer.

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

23 **ADJ_ADEN** number (1,0) Required: false
Contiguous (adjacent) adenoma

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

24 **ADJ_ADEN_TYPE** number (1,0) Required: false
Type of contiguous (adjacent) adenoma

Allowable Values

- 1 TA (tubular adenoma)
- 2 TV (tubulovillous adenoma)
- 3 VA (villous adenoma)
- 4 SA (serrated adenoma)
- 5 HP (hyperplastic polyp)
- 6 Other (include mixed)
- 7 Adenomatous, type unspecified
- 8 NA (Not applicable)
- 9 Unknown

25 **ADJ_SIZE** number (3,0) Required: false
Size (mm) of contiguous (adjacent) adenoma

Allowable Values

- 0 to 990 or 998, 999 Range
- 0 No mass
- 1 Microscopic
- 998 Not applicable
- 999 Unknown

26 **ADJ_GRADE** number (1,0) Required: false

Grade of contiguous (adjacent) adenoma

Allowable Values

- 1 Mild
- 2 Moderate
- 3 Severe
- 8 Not applicable
- 9 Unknown

MET_SITE

number (1,0)

Required: false

27

Metastatic site.

Allowable Values

- 1 Liver
- 2 Other
- 8 NA (not applicable)
- 9 Unknown

Module: colorectal-path

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polyps

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Center identification number.			

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2	PERSON_ID	string (12)	Required: true
Number that uniquely identifies an individual.			

3	BLOCK_SPEC_CID	string (9)	Required: false
Specimen ID number. Consists of concatenation of CENTER_NO (2 digit) + local specimen number (7 characters). References TISSUE file from Volume II Biospecimen Data Dictionary. F-121 : SPECIMEN_ID must begin with CENTER_NO (COLORECT_MALIG) F-200 : SPECIMEN_ID must begin with CENTER_NO (POLYPS)			

4	POLYP_REM_DATE	string (8)	Required: false
Date isolated adenomatous polyps removed.			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
Components of date should be right justified and zero filled.
MM = 01 - 12, 88, 99
DD = 01 - 31, 88, 99
YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1700	Minimum year
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Error Description
Invalid POLYP_REM_DATE

5	POLYP_REM_TOT	number (2,0)	Required:false
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Number of isolated adenomatous polyps removed.

Allowable Values	
1 to 98 or 99	Range
99	Unknown

6	POLYP_SITE1	number (1,0)	Required:false
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Site of isolated adenomatous polyp #1.

Allowable Values	
1	Caecum
2	Asc
3	Trans
4	Desc
5	Sigmoid
6	Rectum
7	Appendix
9	Unknown

7	POLYP_TYPE1	number (1,0)	Required:false
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Type of isolated polyp #1.

Allowable Values	
1	TA
2	TV
3	VA
4	SA (serrated adenoma)
5	HP (hyperplastic polyp)
6	Other
7	Adenomatous, type unspecified

8	Mixed Polyp
9	Unknown

8	POLYP_SIZE1	number (3,0)	Required:false
Size of isolated adenomatous polyp #1 (measured as maximum diameter in mm).			

Allowable Values	
0 to 990 or 999	Range
0	No mass
1	Microscopic focus/foci
999	Unknown

9	POLYP_GRADE1	number (1,0)	Required:false
Grade of isolated adenomatous polyps #1.			

Allowable Values	
1	Mild
2	Moderate
3	Severe or ca in situ
4	No evidence of dysplasia
8	Not applicable
9	Unknown

10	POLYP_SITE2	number (1,0)	Required:false
Site of isolated adenomatous polyp #2.			

Allowable Values	
1	Caecum
2	Asc
3	Trans
4	Desc
5	Sigmoid
6	Rectum
7	Appendix
9	Unknown

11	POLYP_TYPE2	number (1,0)	Required:false
Type of isolated polyp #2.			

Allowable Values	

1	TA
2	TV
3	VA
4	SA (serrated adenoma)
5	HP (hyperplastic polyp)
6	Other
7	Adenomatous, type unspecified
8	Mixed Polyp
9	Unknown

12	POLYP_SIZE2	number (3,0)	Required:false
Size of isolated adenomatous polyp #2 (measured as maximum diameter in mm).			

Allowable Values	
0 to 990 or 999	Range
0	No mass
1	Microscopic focus/foci
999	Unknown

13	POLYP_GRADE2	number (1,0)	Required:false
Grade of isolated adenomatous polyps #2.			

Allowable Values	
1	Mild
2	Moderate
3	Severe or ca in situ
4	No evidence of dysplasia
8	Not applicable
9	Unknown

14	POLYP_SITE3	number (1,0)	Required:false
Site of isolated adenomatous polyp #3.			

Allowable Values	
1	Caecum
2	Asc
3	Trans
4	Desc
5	Sigmoid
6	Rectum

- 7 Appendix
- 9 Unknown

15	POLYP_TYPE3	number (1,0)	Required: false
Type of isolated polyp #3.			

Allowable Values	
1	TA
2	TV
3	VA
4	SA (serrated adenoma)
5	HP (hyperplastic polyp)
6	Other
7	Adenomatous, type unspecified
8	Mixed Polyp
9	Unknown

16	POLYP_SIZE3	number (3,0)	Required: false
Size of isolated adenomatous polyp #3 (measured as maximum diameter in mm).			

Allowable Values	
0 to 990 or 999	Range
0	No mass
1	Microscopic focus/foci
999	Unknown

17	POLYP_GRADE3	number (1,0)	Required: false
Grade of isolated adenomatous polyps #3.			

Allowable Values	
1	Mild
2	Moderate
3	Severe or ca in situ
4	No evidence of dysplasia
8	Not applicable
9	Unknown

18	POLYP_H_10MM	number (1,0)	Required: false
Hyperplastic polyps >= 10 mm?			

Allowable Values

1 Yes

2 No

9 Unknown

19

POLYP_H_NO5

number (1,0)

Required: false

Five or more hyperplastic polyps?

Allowable Values

1 Yes

2 No

9 Unknown

20

POLYP_A_NO4

number (1,0)

Required: false

Four or more adenomatous polyps?

Allowable Values

1 Yes

2 No

9 Unknown

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177.[DST R ADD ASCITES DATE](#)
178.[DST R ADD NONMES LN](#)
179.[DST R ADD NONMES LN DATE](#)
180.[DST R ADD NONMES LN TXT](#)
181.[DST R ADD SUPRA LN](#)
182.[DST R ADD SUPRA LN DATE](#)
183.[DST R ADD BRAIN](#)
184.[DST R ADD BRAIN DATE](#)
185.[DST R ADD SKIN](#)
186.[DST R ADD SKIN DATE](#)
187.[DST R ADD SKIN TXT](#)
188.[DST R ADD ADRENAL](#)
189.[DST R ADD ADRENAL DATE](#)
190.[DST R ADD OTH](#)
191.[DST R ADD OTH DATE](#)
192.[DST R ADD OTH TXT](#)
193.[NEW CRC PRIM](#)
194.[NEW CRC1 TUMOR NO](#)
195.[NEW CRC1 ICD](#)
196.[NEW CRC1 DXDATE](#)
197.[NEW CRC1 SURG](#)
198.[NEW CRC1 SURG TYPE](#)
199.[NEW CRC1 SURG TYPE TXT](#)
200.[NEW CRC1 SURG DATE](#)
201.[NEW CRC1 SURG LOCAL](#)
202.[NEW CRC1 SURG OTHORG](#)
203.[NEW CRC1 SURG OTHORG SM INTEST](#)
204.[NEW CRC1 SURG OTHORG LIVER](#)
205.[NEW CRC1 SURG OTHORG APPENDIX](#)
206.[NEW CRC1 SURG OTHORG OVARY NOS](#)
207.[NEW CRC1 SURG OTHORG OVARY R](#)
208.[NEW CRC1 SURG OTHORG OVARY L](#)
209.[NEW CRC1 SURG OTHORG OVARY B](#)
210.[NEW CRC1 SURG OTHORG SPLEEN](#)
211.[NEW CRC1 SURG OTHORG BLADDER](#)
212.[NEW CRC1 SURG OTHORG OTH](#)
213.[NEW CRC1 SURG OTHORG OTH TXT](#)
214.[NEW CRC1 SURG MARGIN](#)
215.[NEW CRC1 MET](#)
216.[NEW CRC1 MET ASCITES](#)

217.[NEW_CRC1_MET_MESEN_LN](#)
218.[NEW_CRC1_MET_LIVER](#)
219.[NEW_CRC1_MET_LUNG](#)
220.[NEW_CRC1_MET_OMENTUM](#)
221.[NEW_CRC1_MET_ABD_WALL](#)
222.[NEW_CRC1_MET_OVARY](#)
223.[NEW_CRC1_MET_BONE](#)
224.[NEW_CRC1_MET_PERITO](#)
225.[NEW_CRC1_MET_MESEN](#)
226.[NEW_CRC1_MET_OTH](#)
227.[NEW_CRC1_MET_OTH_TXT](#)
228.[NEW_CRC1_MET_RESECT](#)
229.[NEW_CRC1_MET_RESECT_DATE](#)
230.[NEW_CRC1_T](#)
231.[NEW_CRC1_N](#)
232.[NEW_CRC1_M](#)
233.[NEW_CRC1_T_SRC](#)
234.[NEW_CRC1_T_SRC_TXT](#)
235.[NEW_CRC1_N_SRC](#)
236.[NEW_CRC1_N_SRC_TXT](#)
237.[NEW_CRC1_M_SRC](#)
238.[NEW_CRC1_M_SRC_TXT](#)
239.[NEW_CRC1_CHEMO](#)
240.[NEW_CRC1_CHEMO_METHOD](#)
241.[NEW_CRC1_CHEMO1_DATE](#)
242.[NEW_CRC1_CHEMO1_AGT](#)
243.[NEW_CRC1_CHEMO1_AGT_5FU](#)
244.[NEW_CRC1_CHEMO1_AGT_FA](#)
245.[NEW_CRC1_CHEMO1_AGT_CPT11](#)
246.[NEW_CRC1_CHEMO1_AGT_OXAL](#)
247.[NEW_CRC1_CHEMO1_AGT_LEVA](#)
248.[NEW_CRC1_CHEMO1_AGT_XELO](#)
249.[NEW_CRC1_CHEMO1_AGT_AVAS](#)
250.[NEW_CRC1_CHEMO1_AGT_ERBI](#)
251.[NEW_CRC1_CHEMO1_AGT_GEMZ](#)
252.[NEW_CRC1_CHEMO1_AGT_OTH](#)
253.[NEW_CRC1_CHEMO1_AGT_OTH_TXT](#)
254.[NEW_CRC1_RAD](#)
255.[NEW_CRC1_RAD_METHOD](#)
256.[NEW_CRC1_RAD1_DATE](#)
257.[NEW_CRC1_TREAT_OTH](#)
258.[NEW_CRC1_TREAT_OTH_TXT](#)
259.[NEW_CRC1_SYNC](#)
260.[NEW_CRC1_SYNC_NUM](#)
261.[NEW_CRC1_SYNC2_TUMOR_NO](#)
262.[NEW_CRC1_SYNC2_ICD](#)
263.[NEW_CRC1_SYNC2_DXDATE](#)
264.[NEW_CRC1_SYNC2_SURG_TYPE](#)
265.[NEW_CRC1_SYNC2_SURG_TYPE_TXT](#)
266.[NEW_CRC1_SYNC2_SURG_LOCAL](#)
267.[NEW_CRC1_SYNC2_SURG_MARGIN](#)
268.[NEW_CRC1_SYNC3_TUMOR_NO](#)
269.[NEW_CRC1_SYNC3_ICD](#)
270.[NEW_CRC1_SYNC3_DXDATE](#)
271.[NEW_CRC1_SYNC3_SURG_TYPE](#)
272.[NEW_CRC1_SYNC3_SURG_TYPE_TXT](#)
273.[NEW_CRC1_SYNC3_SURG_LOCAL](#)
274.[NEW_CRC1_SYNC3_SURG_MARGIN](#)
275.[NEW_CRC2_PRIM](#)
276.[NEW_CRC2_TUMOR_NO](#)
277.[NEW_CRC2_ICD](#)
278.[NEW_CRC2_DXDATE](#)
279.[NEW_CRC2_SURG_TYPE](#)
280.[NEW_CRC2_SURG_TYPE_TXT](#)
281.[NEW_CRC2_SURG_TYPE_LOCAL](#)
282.[NEW_CRC2_SURG_TYPE_MARGIN](#)
283.[NEW_CRC2_SYNC](#)
284.[NEW_CRC2_SYNC_NUM](#)
285.[NEW_NONCRC_PRIM](#)
286.[NEW_NONCRC1_ICD](#)
287.[NEW_NONCRC2_ICD](#)
288.[NEW_NONCRC3_ICD](#)
289.[LAST_STATUS](#)
290.[DEATH_DATE](#)

- 291. [DEATH_CAUSE](#)
- 292. [LAST_CHART_DATE](#)
- 293. [COMPLETE_DATE](#)
- 294. [LR_DST_RECUR](#)
- 295. [LR_DST1_ANAST](#)
- 296. [LR_DST1_ANAST_DATE](#)
- 297. [LR_DST1_MESEN](#)
- 298. [LR_DST1_MESEN_DATE](#)
- 299. [LR_DST1 ABD_WALL](#)
- 300. [LR_DST1 ABD_WALL_DATE](#)
- 301. [LR_DST1_INCS](#)
- 302. [LR_DST1_INCS_DATE](#)
- 303. [LR_DST1_PELVIS](#)
- 304. [LR_DST1_PELVIS_DATE](#)
- 305. [LR_DST1_LIVER](#)
- 306. [LR_DST1_LIVER_DATE](#)
- 307. [LR_DST1_LUNG](#)
- 308. [LR_DST1_LUNG_DATE](#)
- 309. [LR_DST1_BONE](#)
- 310. [LR_DST1_BONE_DATE](#)
- 311. [LR_DST1_ASCITES](#)
- 312. [LR_DST1_ASCITES_DATE](#)
- 313. [LR_DST1_NONMES_LN](#)
- 314. [LR_DST1_NONMES_LN_DATE](#)
- 315. [LR_DST1_NONMES_LN_TXT](#)
- 316. [LR_DST1_SUPRA_LN](#)
- 317. [LR_DST1_SUPRA_LN_DATE](#)
- 318. [LR_DST1_BRAIN](#)
- 319. [LR_DST1_BRAIN_DATE](#)
- 320. [LR_DST1_SKIN](#)
- 321. [LR_DST1_SKIN_DATE](#)
- 322. [LR_DST1_SKIN_TXT](#)
- 323. [LR_DST1_ADRENAL](#)
- 324. [LR_DST1_ADRENAL_DATE](#)
- 325. [LR_DST1_OTH](#)
- 326. [LR_DST1_OTH_TXT](#)
- 327. [LR_DST1_OTH_DATE](#)

1	CENTER_NO	number (2,0)	Required: true
Center identification number.			

Allowable Values	
11	Sinai Health Systems (formerly Cancer Care Ontario)
12	Cedars-Sinai & Cleveland Clinic (formerly USC Consortium)
13	University of Melbourne
14	University of Hawaii Cancer Center
15	Mayo Clinic
16	Fred Hutch, Seattle
17	UCSF: University of California at San Francisco (formerly CPIC, originally Northern California (NCCC))

2	PERSON_ID	string (12)	Required: true
Number that uniquely identifies an individual.			

3	CRC_PRIM	number (1,0)	Required: true
Primary CRC cancer diagnosed			

Allowable Values	
1	Yes
2	No

4	CRC1_TUMOR_NO	number (2,0)	Required: true
PERSON_NO, TUMOR_NO uniquely identifies each tumor in the Informatics Centre. Tumor number should correspond with information from the CANCER file			

5	CRC1_ICD	string (7)	Required: false
ICD CODE: ICD0 code			

6	CRC1_DXDATE	string (8)	Required: false
Diagnosis Date Of First CRC Primary(s) in the Eligibility Period:			

Date Value Check
The date must follow to the following format: Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99. The following special parameters are used:
1900 Minimum year

Error Description
must be a valid date of format YYYYMMDD

7	CRC1_SURG	number (1,0)	Required: false
Surgical treatment performed			

- | |
|--------------------|
| Allowable Values |
| 1 Yes |
| 2 No |
| 8 Not Asked |
| 9 Unknown |

8	CRC1_SURG_TYPE	number (2,0)	Required: false
Type of surgical treatment (Can use SEER coding to derive)			

- | |
|---|
| Allowable Values |
| 2 Local tumor destruction, i.e. laser, electrocautery |
| 3 Local surgical excision with specimen i.e. trans anal excision, polypectomy, snare |
| 4 Right Hemi colectomy |

5	Left Hemi colectomy
6	Hemi colectomy side not specified: not total
7	Low Anterior resection
8	Total Colectomy
9	Total Proctectomy
10	Total Proctocolectomy
11	Abdominoperineal resection
12	Segmental / Wedge / Partial Resection NOS
77	Other Surgery

9	CRC1_SURG_TYPE_TXT	string (250)	Required:false
Free text describing other surgery			

10	CRC1_SURG_DATE	string (8)	Required:false
Date of 1st resection:			

Date Value Check	
The date must follow to the following format: Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.	
The following special parameters are used:	
1900	Minimum year

Error Description
must be a valid date of format YYYYMMDD

11	CRC1_SURG_LOCAL	number (1,0)	Required:false
Operative findings indicating completeness of excision: (obtain information from the operative report and/or the discharge summary NOT pathology report)			

Allowable Values
1 Tumor not entirely resected
2 Tumor entirely resected
8 Not asked.
9 Unknown

	CRC1_SURG_OTHORG	number (1,0)	Required:false
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12 Were other organs (partial or total) removed at definitive surgery?

Allowable Values

1 Yes and site/organ specified

2 Yes but site/organ not specified

3 No

8 Not asked

9 Unknown

13 **CRC1_SURG_OTHORG_SM_INTEST**

number (1,0)

Required:false

If small intestine (partial or total) were removed, please specify:

Allowable Values

1 yes

2 not reported

14 **CRC1_SURG_OTHORG_LIVER**

number (1,0)

Required:false

If liver (partial or total) was removed, please specify:

Allowable Values

1 yes

2 not reported

15 **CRC1_SURG_OTHORG_APPENDIX**

number (1,0)

Required:false

If appendix (partial or total) was removed, please specify:

Allowable Values

1 yes

2 not reported

16 **CRC1_SURG_OTHORG_OVARY_NOS**

number (1,0)

Required:false

If ovary (partial or total) were removed and no information on which side (left or right) , please specify:

Allowable Values

1 yes

2 not reported

17 **CRC1_SURG_OTHORG_OVARY_R**

number (1,0)

Required:false

If right ovary (partial or total) was removed, please specify:

Allowable Values

- 1 yes
- 2 not reported

18	CRC1_SURG_OTHORG_OVARY_L	number (1,0)	Required: false
If left ovary (partial or total) was removed, please specify:			

- Allowable Values
- 1 yes
 - 2 not reported

19	CRC1_SURG_OTHORG_OVARY_B	number (1,0)	Required: false
If both ovaries (partial or total) were removed, please specify:			

- Allowable Values
- 1 yes
 - 2 not reported

20	CRC1_SURG_OTHORG_SPLEEN	number (1,0)	Required: false
If spleen (partial or total) was removed, please specify:			

- Allowable Values
- 1 yes
 - 2 not reported

21	CRC1_SURG_OTHORG_BLADDER	number (1,0)	Required: false
If bladder (partial or total) was removed, please specify:			

- Allowable Values
- 1 yes
 - 2 not reported

22	CRC1_SURG_OTHORG_OTH	number (1,0)	Required: false
If other organs (partial or total) were removed, please specify:			

- Allowable Values
- 1 yes
 - 2 not reported

23	CRC1_SURG_OTHORG_OTH_TXT	string (250)	Required: false
Free text describing other organs (partial or total) that were removed if more than one separate with commas			

24	CRC1_SURG_MARGIN	number (1,0)	Required: false
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Did the tumor reach surgical resection margins? (Source: Pathology report)

Allowable Values

- 1 Positive, proximal (Tumor is seen at proximal surgical resection margin)
- 2 Positive, distal (Tumor is seen at distal surgical resection margin)
- 3 Positive, radial (Tumor is seen at radial surgical resection margin)
- 4 Positive, more than one margins defined.
- 5 Positive, NOS (Tumor is seen at surgical resection margin, margin not defined)
- 6 Negative (all surgical resection margins are free of tumor)
- 8 Not Asked
- 9 Unknown

CRC1_MET

number (1,0)

Required:false

25

Metastatic Disease Found at the time of surgery (from perative report)

Allowable Values

- 1 Yes and site/organ specified
- 2 Yes but site/organ not specified
- 3 No
- 8 Not asked
- 9 Unknown

CRC1_MET_ASCITES

number (1,0)

Required:false

26

Site of Metastatic Disease: ASCITES

Allowable Values

- 1 yes
- 2 not reported

CRC1_MET_MESEN_LN

number (1,0)

Required:false

27

Site of Metastatic Disease: Mesenteric lymph nodes, other than in mesentery of planned resection

Allowable Values

- 1 yes
- 2 not reported

CRC1_MET_LIVER

number (1,0)

Required:false

28

Site of Metastatic Disease: Liver

Allowable Values

- 1 yes

2 not reported

29	CRC1_MET_LUNG	number (1,0)	Required: false
Site of Metastatic Disease: Lung			

Allowable Values

1 yes

2 not reported

30	CRC1_MET_OMENTUM	number (1,0)	Required: false
Site of Metastatic Disease: Omentum			

Allowable Values

1 yes

2 not reported

31	CRC1_MET_ABD_WALL	number (1,0)	Required: false
Site of Metastatic Disease: Abdominal wall			

Allowable Values

1 yes

2 not reported

32	CRC1_MET_OVARY	number (1,0)	Required: false
Site of Metastatic Disease: Ovary(s)			

Allowable Values

1 yes

2 not reported

33	CRC1_MET_BONE	number (1,0)	Required: false
Site of Metastatic Disease: Bone			

Allowable Values

1 yes

2 not reported

34	CRC1_MET_PERITO	number (1,0)	Required: false
Site of Metastatic Disease: Peritoneum			

Allowable Values

1 yes

2 not reported

35	CRC1_MET_MESEN	number (1,0)	Required:false
Site of Metastatic Disease: Mesentery			

Allowable Values

1 yes

2 not reported

36	CRC1_MET_OTH	number (1,0)	Required:false
Site of Metastatic Disease: Other			

Allowable Values

1 yes

2 not reported

37	CRC1_MET_OTH_TXT	string (250)	Required:false
Free text describing other site of Metastatic Disease. If more than one separate with commas.			

38	CRC1_MET_RESECT	number (1,0)	Required:false
Was this metastasis resected immediately (within 3 months) after baseline surgery)			

Allowable Values

1 All metastases entirely resected

2 At least one metastasis not entirely resected

3 Not resected (No surgery)

8 Not Asked

9 Unknown

39	CRC1_MET_RESECT_DATE	string (8)	Required:false
Date metastasis was resected (only if metastasis was completely or incompletely resected) Month of metastasis resection: Day of metastasis resection: Year of metastasis resection:			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

40 **CRC1_T** number (1,0) Required: false
Tumor Stage at Baseline (0-4)

Allowable Values

- 0 Carcinoma in situ/TIS
- 1 Tumor invades submucosa
- 2 Tumor invades muscularis propria
- 3 Tumor invades through muscularis propria into submucosa or into non peritonealized pericolic or perirectal tissues
- 4 Tumor directly invades other organs/structures/perforates visceral peritonium
- 8 Not Asked
- 9 Unknown

41 **CRC1_N** number (1,0) Required: false
Nodal stage at Baseline (0-3)

Allowable Values

- 0 No regional lymph node metastasis
- 1 Metastasis in 1 to 3 regional lymph nodes
- 2 Metastasis in 4 or more regional lymph nodes
- 8 Not Asked
- 9 Unknown

42 **CRC1_M** number (1,0) Required: false
Metastasis stage at Baseline (0-1)

Allowable Values

- 0 No distant metastasis
- 1 Distant metastasis is present
- 8 Not Asked
- 9 Unknown

43 **CRC1_T_SRC** number (1,0) Required: false
Source of information for tumor stage:

Allowable Values

- 1 Pathology Report

2	Clinic Note/Discharge Summary
3	Other (Specify):
8	Not Asked
9	Unknown

44	CRC1_T_SRC_TXT	string (250)	Required:false
Source of information for tumor stage: OTHER			

45	CRC1_N_SRC	number (1,0)	Required:false
Source of information for nodal stage:			

Allowable Values	
1	Pathology Report
2	Clinic Note/Discharge Summary
3	Other (Specify):
8	Not Asked
9	Unknown

46	CRC1_N_SRC_TXT	string (250)	Required:false
Source of information for nodal stage: OTHER			

47	CRC1_M_SRC	number (1,0)	Required:false
Source of information for metastasis stage):			

Allowable Values	
1	Pathology Report
2	Clinic Note/Discharge Summary
3	Operative Note
4	Radiology report (US, CT, MRI etc.)
5	Other (Specify):
8	Not Asked
9	Unknown

48	CRC1_M_SRC_TXT	string (250)	Required:false
Source of information for metastasis stage): -OTHER			

49	CRC1_CHEMO	number (1,0)	Required:false
Was chemotherapy given for treatment of the primary colorectal cancer(s)?			

Allowable Values	
1	Yes
2	No

- 8 Not Asked
- 9 Unknown

50	CRC1_CHEMO_METHOD	number (1,0)	Required:false
What method of chemotherapy was applied for treatment of the primary colorectal cancer(s)? Note: Multiple methods and agents are possible. If so they should be recorded in order given ie Neo Adjuvant first > Adjuvant > Palliative last			

- | Allowable Values | |
|------------------|------------------------------|
| 1 | Adjuvant |
| 2 | Palliative |
| 3 | Pseudo Adjuvant |
| 4 | Neo Adjuvant (pre operative) |
| 8 | Not Asked |
| 9 | Unknown |

51	CRC1_CHEMO1_DATE	string (8)	Required:false
Date of 1st chemotherapy treatment of the CRC primary(s) in the eligibility period			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p> <table border="1"> <tr> <td style="text-align: center;">1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description
must be a valid date of format YYYYMMDD

52	CRC1_CHEMO1_AGT	number (1,0)	Required:false
Pseudo gateway question to capture overall "missing/unknown agent"			

- | Allowable Values | |
|------------------|-----------|
| 1 | specified |
| 8 | missing |
| 9 | unknown |

	CRC1_CHEMO1_AGT_5FU	number (1,0)	Required:false
--	----------------------------	--------------	----------------

53 5 FU / FLUOROURACIL/ ADRUCIL CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS first course only. Does not include medications given to control or suppress side effect. Also the list is abbreviated and another variable "other" added to list additional drugs

Allowable Values

1 yes

2 not reported

54 **CRC1_CHEMO1_AGT_FA** number (1,0) Required: false
FA (FOLINIC ACID) / LEUCOVORIN / WELLCOVORIN CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS

Allowable Values

1 yes

2 not reported

55 **CRC1_CHEMO1_AGT_CPT11** number (1,0) Required: false
CPT11/ IRINOTECAN / CAMPTOSAR CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS

Allowable Values

1 yes

2 not reported

56 **CRC1_CHEMO1_AGT_OXAL** number (1,0) Required: false
OXALIPLATIN / ELOXATIN CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS

Allowable Values

1 yes

2 not reported

57 **CRC1_CHEMO1_AGT_LEVA** number (1,0) Required: false
LEVAMISOLE CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS

Allowable Values

1 yes

2 not reported

58 **CRC1_CHEMO1_AGT_XELO** number (1,0) Required: false
XELODA / CAPECITABINE CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS

Allowable Values

1 yes

2 not reported

59	CRC1_CHEMO1_AGT_AVAS	number (1,0)	Required: false										
AVASTIN / BEVACIZUMAB CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS													
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported				
Allowable Values													
1	yes												
2	not reported												
60	CRC1_CHEMO1_AGT_ERBI	number (1,0)	Required: false										
ERBITUX/ CETUXIMAB CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS													
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported				
Allowable Values													
1	yes												
2	not reported												
61	CRC1_CHEMO1_AGT_GEMZ	number (1,0)	Required: false										
GEMZAR CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS													
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported				
Allowable Values													
1	yes												
2	not reported												
62	CRC1_CHEMO1_AGT_OTH	number (1,0)	Required: false										
OTHER AGENT CHEMOTHERAPEUTIC AGENT FOR BASELINE DIAGNOSIS													
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported				
Allowable Values													
1	yes												
2	not reported												
63	CRC1_CHEMO1_AGT_OTH_TXT	string (250)	Required: false										
NAME of OTHER AGENT, If more than one separate with commas.													
64	CRC1_RAD	number (1,0)	Required: false										
Was radiation given for treatment of the primary colorectal cancer(s)?													
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>8</td> <td>Not Asked</td> </tr> <tr> <td>9</td> <td>Unknown</td> </tr> </table>				Allowable Values		1	Yes	2	No	8	Not Asked	9	Unknown
Allowable Values													
1	Yes												
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8	Not Asked												
9	Unknown												
65	CRC1_RAD_METHOD	number (1,0)	Required: false										
What method of radiotherapy was applied for treatment of the primary colorectal cancer(s)?													

Allowable Values	
1	Adjuvant
2	Palliative
3	Pseudo Adjuvant
4	Neo Adjuvant (pre operative)
8	Not Asked
9	Unknown

66	CRC1_RAD1_DATE	string (8)	Required:false
Date of 1st radiotherapy treatment of the CRC primary(s) in the eligibility period			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p> <table border="1"> <tr> <td>1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description
must be a valid date of format YYYYMMDD

67	CRC1_TREAT_OTH	number (1,0)	Required:false
Were other treatment methods applied for primary colorectal cancer(s)?			

Allowable Values	
1	Yes only one other treatment
2	Yes only 2 other treatments
3	No
8	Not Asked
9	Unknown

68	CRC1_TREAT_OTH_TXT	string (250)	Required:false
Free text describing 1st other treatment. If more than one separate with commas.			

69	CRC1_SYNC	number (1,0)	Required:false
Were synchronous CRC primaries diagnosed at baseline?			

Allowable Values	
------------------	--

1	Yes
---	-----

2	No
---	----

70	CRC1_SYNC_NUM	number (2,0)	Required: false
# _____ of SYNCHRONOUS PRIMARY(S)			

Allowable Values	
------------------	--

1 to 8 or 88, 99	Range
------------------	-------

88	Not asked
----	-----------

99	unknown
----	---------

71	CRC1_SYNC2_TUMOR_NO	number (2,0)	Required: true
Tumor number should correspond with information from the CANCER file			

72	CRC1_SYNC2_ICD	string (7)	Required: false
ICD CODE of 2nd largest SYNCHRONOUS CRC PRIMARY (PRIMARY_2) :			

73	CRC1_SYNC2_DXDATE	string (8)	Required: false
DIAGNOSIS DATE OF 2nd SYNCHRONOUS CRC PRIMARY IN THE ELIGIBILITY PERIOD			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
------	--------------

Error Description

must be a valid date of format YYYYMMDD

74	CRC1_SYNC2_SURG_TYPE	number (2,0)	Required: false
Surgical treatment for 2nd synchronous primary CRC (Can use SEER coding to derive)			

Allowable Values	
------------------	--

1	No Surgery
---	------------

2	Local tumor destruction, i.e. laser, electrocautery
3	Local surgical excision with specimen i.e. trans anal excision, polypectomy, snare
4	Right Hemi colectomy
5	Left Hemi colectomy
6	Hemi colectomy Side not specified: not total
7	Low Anterior resection
8	Total Colectomy
9	Total Proctectomy
10	Total Proctocolectomy
11	Abdominoperineal resection
12	Segmental / Wedge / Partial Resection NOS
77	Other (Specify):
88	Not Asked
99	Unknown

75	CRC1_SYNC2_SURG_TYPE_TXT	string (250)	Required:false
Surgical treatment for 2nd synchronous primary CRC (Can use SEER coding to derive) OTHER			

76	CRC1_SYNC2_SURG_LOCAL	number (1,0)	Required:false
Operative findings , local (residual tumor) for 2nd synchronous primary CRC (obtain information from the operative report and/or the discharge summary NOT pathology report)			

Allowable Values	
1	Tumor not entirely resected
2	Tumor entirely resected
8	Not Asked
9	Unknown

77	CRC1_SYNC2_SURG_MARGIN	number (1,0)	Required:false
Did the 2nd synchronous primary CRC reach surgical resection margins? (Source: Pathology report)			

Allowable Values	
1	Positive, proximal (Tumor is seen at proximal surgical resection margin)
2	Positive, distal (Tumor is seen at distal surgical resection margin)
3	Positive, radial (Tumor is seen at radial surgical resection margin)
4	Positive, more than one margins defined.
5	Positive, NOS (Tumor is seen at surgical resection margin, margin not defined)
6	Negative (all surgical resection margins are free of tumor)
8	Not Asked
9	Unknown

78	CRC1_SYNC3_TUMOR_NO	number (2,0)	Required: true
Tumor number should correspond with information from the CANCER file			
79	CRC1_SYNC3_ICD	string (7)	Required: false
ICD code for 3rd largest SYNCHRONOUS CRC PRIMARY (PRIMARY_3)			
80	CRC1_SYNC3_DXDATE	string (8)	Required: false
DIAGNOSIS DATE OF 3rd SYNCHRONOUS CRC PRIMARY IN THE ELIGIBILITY PERIOD			

Date Value Check	
The date must follow to the following format:	
Format YYYYMMDD. Must consist of valid date.	
Components of date should be right justified and zero filled.	
MM = 01 - 12, 88, 99	
DD = 01 - 31, 88, 99	
YYYY = Minimum year - system date year, 8888, 9999	
Use 88, 8888 for not currently known, in progress to obtain information.	
Use 99, 9999 for not known.	
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.	
If MM = 99 then DD must = 99.	
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.	
If YYYY = 9999 then MM and DD must = 99.	
The following special parameters are used:	
1900	Minimum year

Error Description
must be a valid date of format YYYYMMDD

81	CRC1_SYNC3_SURG_TYPE	number (2,0)	Required: false
Surgical treatment for 3rd synchronous primary CRC (Can use SEER coding to derive)			

Allowable Values	
01	No Surgery (go to section 3)
02	Local tumor destruction, i.e. laser, electrocautery
03	Local surgical excision with specimen i.e. trans anal excision, polypectomy, snare
04	Right Hemi colectomy
05	Left Hemi colectomy
06	Hemi colectomy Side not specified: not total
07	Low Anterior resection
08	Total Colectomy
09	Total Proctectomy
10	Total Proctocolectomy
11	Abdominoperineal resection
12	Segmental / Wedge / Partial Resection NOS

77	Other (Specify):
88	Not Asked
99	Unknown

82	CRC1_SYNC3_SURG_TYPE_TXT	string (250)	Required:false
Surgical treatment for 3rd synchronous primary CRC (Can use SEER coding to derive) OTHER			

83	CRC1_SYNC3_SURG_LOCAL	number (1,0)	Required:false
Operative findings , local (residual tumor) for 3rd synchronous primary CRC (obtain information from the operative report and/or the discharge summary NOT pathology report)			

Allowable Values

- 1 Tumor not entirely resected
- 2 Tumor entirely resected
- 8 Not Asked
- 9 Unknown

84	CRC1_SYNC3_SURG_MARGIN	number (1,0)	Required:false
Did the 3rd synchronous primary CRC reach surgical resection margins? (Source: Pathology report)			

Allowable Values

- 1 Positive, proximal (Tumor is seen at proximal surgical resection margin)
- 2 Positive, distal (Tumor is seen at distal surgical resection margin)
- 3 Positive, radial (Tumor is seen at radial surgical resection margin)
- 4 Positive, more than one margins defined.
- 5 Positive, NOS (Tumor is seen at surgical resection margin, margin not defined)
- 6 Negative (all surgical resection margins are free of tumor)
- 8 Not Asked
- 9 Unknown

85	LR_RECUR	number (1,0)	Required:true
Did the patient have at least one locoregional recurrence after CRC diagnosis? (Ideally interval between diagnosis date and final chart review date should be at least 4 years)			

Allowable Values

- 1 Yes and site/organ specified
- 2 Yes but site/organ not specified
- 3 No
- 8 Not asked
- 9 Unknown

	LR1_DATE	string (8)	Required:false
--	-----------------	------------	----------------

86

Date of 1st locoregional recurrence

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

87

LR1_ANAST

number (1,0)

Required:false

Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Anastomosis:

Allowable Values

1 yes

2 not reported

88

LR1_MESEN

number (1,0)

Required:false

Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Mesentery

Allowable Values

1 yes

2 not reported

89

LR1_ABD_WALL

number (1,0)

Required:false

Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Abdominal Wall (not incisional)

Allowable Values

1 yes

2 not reported

90

LR1_INCS

number (1,0)

Required:false

Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Incisional

Allowable Values

1 yes

2 not reported

91	LR1_PELVIS	number (1,0)	Required:false
Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Pelvi			

Allowable Values

1 yes

2 not reported

92	LR1_OTH	number (1,0)	Required:false
Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): OTHER			

Allowable Values

1 yes

2 not reported

93	LR1_OTH_TXT	string (250)	Required:false
LocoRegional Recurrence 1st other site Comma separated list of other site(s)			

94	LR1_TREAT	number (1,0)	Required:false
Did patient receive treatment for locoregional recurrence?			

Allowable Values

1 Yes

2 No

8 Not Asked

9 Unknown

95	LR1_SURG	number (1,0)	Required:false
Surgical treatment given for locoregional recurrence?			

Allowable Values

1 Yes

2 No

8 Not Asked

9 Unknown

96	LR1_SURG_LOCAL	number (1,0)	Required:false
Surgery for locoregional recurrence:			

Allowable Values

1	Recurrent tumor entirely resected
2	Recurrent tumor not entirely resected
8	Not Asked
9	Unknown

97	LR1_SURG_TXT	string (250)	Required:false
If Surgery for locoregional recurrence: 1 or 2, then specify (describe procedure??text format)			

98	LR1_CHEMO	number (1,0)	Required:false
Was chemotherapy given for locoregional recurrence?			

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

99	LR1_CHEMO_METHOD	number (1,0)	Required:false
What method of chemotherapy was applied for treatment of the locoregional recurrence(s) Note: Multiple methods and agents are possible. If so they should be recorded in order given ie Neo Adjuvant first > Adjuvant > Palliative last			

Allowable Values	
1	Adjuvant
2	Palliative
3	Pseudo Adjuvant
4	Neo Adjuvant (pre operative)
8	Not Asked
9	Unknown

100	LR1_CHEMO1_DATE	string (8)	Required:false
Date of 1st chemotherapy treatment of the locoregional recurrence.			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
Components of date should be right justified and zero filled.
MM = 01 - 12, 88, 99
DD = 01 - 31, 88, 99
YYYY = **Minimum year** - system date year, 8888, 9999
Use 88, 8888 for not currently known, in progress to obtain information.
Use 99, 9999 for not known.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If MM = 99 then DD must = 99.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

101 **LR1_CHEMO1_AGT** number (1,0) Required: false
Pseudo gateway question to capture overall "missing/unknown agent"

Allowable Values

- 1 specified
- 8 Not Asked
- 9 Unknown

102 **LR1_CHEMO1_AGT_5FU** number (1,0) Required: false
5 FU / FLUOROURACIL/ ADRUCIL CHEMOTHERAPEUTIC AGENT first course only. Does not include medications given to control or suppress side effect. Also the list is abbreviated and another variable "other" added to list additional drugs

Allowable Values

- 1 yes
- 2 not reported

103 **LR1_CHEMO1_AGT_FA** number (1,0) Required: false
FA (FOLINIC ACID) / LEUCOVORIN / WELLCOVORIN

Allowable Values

- 1 yes
- 2 not reported

104 **LR1_CHEMO1_AGT_CPT11** number (1,0) Required: false
CPT11/ IRINOTECAN / CAMPTOSAR

Allowable Values

- 1 yes
- 2 not reported

105 **LR1_CHEMO1_AGT_OXAL** number (1,0) Required: false
OXALIPLATIN / ELOXATIN

Allowable Values

- 1 yes
- 2 not reported

106	LR1_CHEMO1_AGT_LEVA	number (1,0)	Required: false						
LEVAMISOLE									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="width: 30px; text-align: center;">1</td> <td>yes</td> </tr> <tr> <td style="text-align: center;">2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
107	LR1_CHEMO1_AGT_XELO	number (1,0)	Required: false						
XELODA / CAPECITABINE									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="width: 30px; text-align: center;">1</td> <td>yes</td> </tr> <tr> <td style="text-align: center;">2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
108	LR1_CHEMO1_AGT_AVAS	number (1,0)	Required: false						
AVASTIN / BEVACIZUMAB									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="width: 30px; text-align: center;">1</td> <td>yes</td> </tr> <tr> <td style="text-align: center;">2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
109	LR1_CHEMO1_AGT_ERBI	number (1,0)	Required: false						
ERBITUX/ CETUXIMAB									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="width: 30px; text-align: center;">1</td> <td>yes</td> </tr> <tr> <td style="text-align: center;">2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
110	LR1_CHEMO1_AGT_GEMZ	number (1,0)	Required: false						
GEMZAR									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="width: 30px; text-align: center;">1</td> <td>yes</td> </tr> <tr> <td style="text-align: center;">2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
111	LR1_CHEMO1_AGT_OTH	number (1,0)	Required: false						
OTHER AGENT CHEMOTHERAPEUTIC AGENT									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="width: 30px; text-align: center;">1</td> <td>yes</td> </tr> <tr> <td style="text-align: center;">2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								

112 LR1_CHEMO1_AGT_OTH_TXT string (250) Required:false

Free text describing OTHER CHEMOTHERAPEUTIC AGENT for first locoregional recurrence diagnosis. If more than one separate with commas.

113 LR1_RAD number (1,0) Required:false

Was radiotherapy given for locoregional recurrence?

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

114 LR1_RAD_METHOD number (1,0) Required:false

What method of radiotherapy was applied for treatment of the locoregional recurrence?

Allowable Values

- 1 Adjuvant
- 2 Palliative
- 3 Pseudo Adjuvant
- 4 Neo Adjuvant (pre operative)
- 8 Not Asked
- 9 Unknown

115 LR1_RAD1_DATE string (8) Required:false

Date of 1st radiotherapy treatment of the locoregional recurrence.

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

LR1_TREAT_OTH number (1,0) Required:false

116 Were other treatment methods applied for first locoregional recurrence?

- Allowable Values
- 1 Yes 1 other treatment
 - 2 Yes 2 other treatments
 - 3 No
 - 8 Not Asked
 - 9 Unknown

117 **LR1_TREAT_OTH_TXT** string (250) Required: false
Free text describing first other treatment methods applied for first locoregional recurrence. Comma separated list of other agents(s)

118 **LR_ADD** number (1,0) Required: false
Pseudo entry question to section on additional LR sites, ie should be yes if any LR_ADD below are yes.

- Allowable Values
- 1 Yes and site/organ specified
 - 2 Yes but site/organ not specified
 - 3 No
 - 8 Not asked
 - 9 Unknown

119 **LR_ADD_ANAST** number (1,0) Required: false
Locoregional recurrence site(s) after the 1st site(s) identified Anastomosis:

- Allowable Values
- 1 yes
 - 2 not reported

120 **LR_ADD_ANAST_DATE** string (8) Required: false
Diagnosed Month Diagnosed Day (optional) Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
Components of date should be right justified and zero filled.
MM = 01 - 12, 88, 99
DD = 01 - 31, 88, 99
YYYY = **Minimum year** - system date year, 8888, 9999
Use 88, 8888 for not currently known, in progress to obtain information.
Use 99, 9999 for not known.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If MM = 99 then DD must = 99.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

121

LR_ADD_MESEN

number (1,0)

Required: false

Locoregional recurrence site(s) after the 1st site(s) identified Mesentery

Allowable Values

1 yes

2 not reported

122

LR_ADD_MESEN_DATE

string (8)

Required: false

Diagnosed Month Diagnosed Day (optional) Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

123

LR_ADD_ABD_WALL

number (1,0)

Required: false

Locoregional recurrence site(s) after the 1st site(s) identified Abdominal Wall (not incisional)

Allowable Values

1 yes

2 not reported

124

LR_ADD_ABD_WALL_DATE

string (8)

Required: false

Diagnosed Month Diagnosed Day (optional) Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

125	LR_ADD_INCS	number (1,0)	Required: false
Locoregional recurrence site(s) after the 1st site(s) identified Incisional			

Allowable Values	
1	yes
2	not reported

126	LR_ADD_INCS_DATE	string (8)	Required: false
Diagnosed Month Diagnosed Day (optional) Diagnosed Year			

Date Value Check	
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p>	
1900	Minimum year

Error Description
must be a valid date of format YYYYMMDD

127	LR_ADD_PELVIS	number (1,0)	Required: false
Locoregional recurrence site(s) after the 1st site(s) identified Pelvis			

Allowable Values

1	yes
2	not reported

128	LR_ADD_PELVIS_DATE	string (8)	Required: false
Diagnosed Month Diagnosed Day (optional) Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

129	LR_ADD_OTH	number (1,0)	Required: false
Locoregional recurrence site(s) after the 1st site(s) identified Other			

Allowable Values	
1	yes
2	not reported

130	LR_ADD_OTH_TXT	string (250)	Required: false
Free text describing additional LR site			

131	LR_ADD_OTH_DATE	string (8)	Required: false
Diagnosed Month Diagnosed Day (optional) Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

132 **DST_R** number (1,0) Required: true
Did the patient have a distant recurrence after CRC diagnosis (after start date to final chart date available)?

Allowable Values

- 1** Yes and site/organ specified
- 2** Yes but site/organ not specified
- 3** No
- 8** Not asked
- 9** Unknown

133 **DST_R1_DATE** string (8) Required: false
Date of first distant recurrence

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

134 **DST_R1_LIVER** number (1,0) Required: false
Site(s) of involvement at time of first distant recurrence Liver

Allowable Values

- 1** yes
- 2** not reported

135	DST_R1_LUNG	number (1,0)	Required: false						
Site(s) of involvement at time of first distant recurrence Lung									
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
136	DST_R1_BONE	number (1,0)	Required: false						
Site(s) of involvement at time of first distant recurrence Bone									
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
137	DST_R1_ASCITES	number (1,0)	Required: false						
Site(s) of involvement at time of first distant recurrence Ascites									
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
138	DST_R1_NONMES_LN	number (1,0)	Required: false						
Site(s) of involvement at time of first distant recurrence Non mesenteric lymph nodes (except supraclavicular)									
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
139	DST_R1_NONMES_LN_TXT	string (250)	Required: false						
Free text describing specific non mesenteric lymph nodes (except supraclavicular)									
140	DST_R1_SUPRA_LN	number (1,0)	Required: false						
Site(s) of involvement at time of first distant recurrence Supraclavicular nodes									
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported
Allowable Values									
1	yes								
2	not reported								
141	DST_R1_BRAIN	number (1,0)	Required: false						
Site(s) of involvement at time of first distant recurrence Brain									
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> </table>				Allowable Values		1	yes		
Allowable Values									
1	yes								

2 not reported

142 **DST_R1_SKIN** number (1,0) Required: false

Site(s) of involvement at time of first distant recurrence: Skin, except incision Specify site (text):

Allowable Values

1 yes

2 not reported

143 **DST_R1_SKIN_TXT** string (250) Required: false

Free text describing specific skin site of first distant recurrence

Allowable Values

1 yes

2 not reported

144 **DST_R1_ADRENAL** number (1,0) Required: false

Site(s) of involvement at time of first distant recurrence: Adrenal gland

Allowable Values

1 yes

2 not reported

145 **DST_R1_OTH** number (1,0) Required: false

Site(s) of involvement at time of first distant recurrence Other Specify site (text):

Allowable Values

1 yes

2 not reported

146 **DST_R1_OTH_TXT** string (250) Required: false

Free text describing other site of first distant recurrence

147 **DST_R1_TREAT** number (1,0) Required: false

Did the patient undergo treatment for distant recurrence?:

Allowable Values

1 Yes

2 No

8 Not Asked

9 Unknown

148 **DST_R1_SURG** number (1,0) Required: false

Did patient undergo surgical treatment for distant recurrence?

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

149 **DST_R1_SURG_LOCAL** number (1,0) Required: false

Surgery for distant recurrence

Allowable Values

- 1 Recurrent tumor entirely resected
- 2 Recurrent tumor not entirely resected
- 8 Not Asked
- 9 Unknown

150 **DST_R1_SURG_TXT** string (250) Required: false

Free text describing other surgery for distant recurrence 1 or 2

151 **DST_R1_CHEMO** number (1,0) Required: false

Did patient undergo chemotherapy for distant recurrence?

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

152 **DST_R1_CHEMO_METHOD** number (1,0) Required: false

If chemotherapy was given, what method of chemotherapy was applied for treatment of the distant recurrence? Note: Multiple methods and agents are possible. If so they should be recorded in order given ie Neo Adjuvant first > Adjuvant > Palliative last

Allowable Values

- 1 Adjuvant
- 2 Palliative
- 3 Pseudo Adjuvant
- 4 Neo adjuvant (pre operative)
- 8 Not Asked
- 9 Unknown

153	DST_R1_CHEMO1_DATE	string (8)	Required:false
-----	---------------------------	------------	----------------

Date of 1st chemotherapy treatment of the distant recurrence.

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description

must be a valid date of format YYYYMMDD

154	DST_R1_CHEMO1_AGT	number (1,0)	Required:false
-----	--------------------------	--------------	----------------

Pseudo gateway question to capture overall "missing/unknown agent

Allowable Values

1	specified
8	Not Asked
9	Unknown

155	DST_R1_CHEMO1_AGT_5FU	number (1,0)	Required:false
-----	------------------------------	--------------	----------------

5 FU / FLUOROURACIL/ ADRUCIL CHEMOTHERAPEUTIC AGENT first course only. Does not include medications given to control or suppress side effect. Also the list is abbreviated and another variable "other" added to list additional drugs

Allowable Values

1	yes
2	not reported

156	DST_R1_CHEMO1_AGT_FA	number (1,0)	Required:false
-----	-----------------------------	--------------	----------------

FA (FOLINIC ACID) / LEUCOVORIN / WELLCOVORIN

Allowable Values

1	yes
2	not reported

157	DST_R1_CHEMO1_AGT_CPT11	number (1,0)	Required:false
-----	--------------------------------	--------------	----------------

CPT11/ IRINOTECAN / CAMPTOSAR

Allowable Values

1 yes

2 not reported

158

DST_R1_CHEMO1_AGT_OXAL

number (1,0)

Required: false

OXALIPLATIN / ELOXATIN

Allowable Values

1 yes

2 not reported

159

DST_R1_CHEMO1_AGT_LEVA

number (1,0)

Required: false

LEVAMISOLE

Allowable Values

1 yes

2 not reported

160

DST_R1_CHEMO1_AGT_XELO

number (1,0)

Required: false

XELODA / CAPECITABINE

Allowable Values

1 yes

2 not reported

161

DST_R1_CHEMO1_AGT_AVAS

number (1,0)

Required: false

AVASTIN / BEVACIZUMAB

Allowable Values

1 yes

2 not reported

162

DST_R1_CHEMO1_AGT_ERBI

number (1,0)

Required: false

ERBITUX/ CETUXIMAB

Allowable Values

1 yes

2 not reported

163

DST_R1_CHEMO1_AGT_GEMZ

number (1,0)

Required: false

GEMZAR

Allowable Values

1 yes

2 not reported

164

DST_R1_CHEMO1_AGT_OTH

number (1,0)

Required: false

OTHER AGENT CHEMOTHERAPEUTIC AGENT

Allowable Values

1 yes

2 not reported

165

DST_R1_CHEMO1_AGT_OTH_TXT

string (250)

Required: false

Free text describing OTHER CHEMOTHERAPEUTIC AGENT for distant recurrence diagnosis. If more than one separate with commas.

166

DST_R1_RAD

number (1,0)

Required: false

Was radiotherapy treatment given for distant recurrence?

Allowable Values

1 Yes

2 No

8 Not Asked

9 Unknown

167

DST_R1_RAD_METHOD

number (1,0)

Required: false

What method of radiotherapy was applied for treatment of the 1st distant recurrence?

Allowable Values

1 Adjuvant

2 Palliative

3 Pseudo Adjuvant

4 Neo Adjuvant (pre operative)

8 Not Asked

9 Unknown

168

DST_R1_RAD1_DATE

string (8)

Required: false

Date of 1st radiotherapy treatment of the distant recurrence.

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.
MM = 01 - 12, 88, 99
DD = 01 - 31, 88, 99
YYYY = **Minimum year** - system date year, 8888, 9999
Use 88, 8888 for not currently known, in progress to obtain information.
Use 99, 9999 for not known.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If MM = 99 then DD must = 99.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

169	DST_R_ADD	number (1,0)	Required: false
pseudo gateway for additional distant recurrence site(s)			

Allowable Values	
1	Yes and site/organ specified
2	Yes but site/organ not specified
3	No
8	Not asked
9	Unknown

170	DST_R_ADD_LIVER	number (1,0)	Required: false
Site(s) of involvement at time of additional distant recurrence Liver			

Allowable Values	
1	yes
2	not reported

171	DST_R_ADD_LIVER_DATE	string (8)	Required: false
Additional Distant Recurrence First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p>

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

172 **DST_R_ADD_LUNG** number (1,0) Required: false
Site(s) of involvement at time of additional distant recurrence Lung

Allowable Values

1 yes

2 not reported

173 **DST_R_ADD_LUNG_DATE** string (8) Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

174 **DST_R_ADD_BONE** number (1,0) Required: false
Site(s) of involvement at time of additional distant recurrence Bone

Allowable Values

1 yes

2 not reported

175 **DST_R_ADD_BONE_DATE** string (8) Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description

must be a valid date of format YYYYMMDD

176	DST_R_ADD_ASCITES	number (1,0)	Required: false
Site(s) of involvement at time of additional distant recurrence Ascites			

Allowable Values

- 1 yes
- 2 not reported

177	DST_R_ADD_ASCITES_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check

The date must follow to the following format:
 Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
-------------	--------------

Error Description

must be a valid date of format YYYYMMDD

178	DST_R_ADD_NONMES_LN	number (1,0)	Required: false
Site(s) of involvement at time of additional distant recurrence Non mesenteric lymph nodes (except supraclavicular)			

Allowable Values

-
-

- 1 yes
- 2 not reported

179	DST_R_ADD_NONMES_LN_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
-------------	--------------

Error Description
must be a valid date of format YYYYMMDD

180	DST_R_ADD_NONMES_LN_TXT	string (250)	Required: false
Free test describing non-mesenteric lymph nodes (except supraclavicular) involved in additional distant recurrence			

181	DST_R_ADD_SUPRA_LN	number (1,0)	Required: false
Site(s) of involvement at time of additional distant recurrence Supraclavicular nodes			

- | | |
|------------------|--------------|
| Allowable Values | |
| 1 | yes |
| 2 | not reported |

182	DST_R_ADD_SUPRA_LN_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

183 **DST_R_ADD_BRAIN** number (1,0) Required: false
Site(s) of involvement at time of additional distant recurrence Brain

Allowable Values

1 yes

2 not reported

184 **DST_R_ADD_BRAIN_DATE** string (8) Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
Components of date should be right justified and zero filled.
MM = 01 - 12, 88, 99
DD = 01 - 31, 88, 99
YYYY = **Minimum year** - system date year, 8888, 9999
Use 88, 8888 for not currently known, in progress to obtain information.
Use 99, 9999 for not known.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If MM = 99 then DD must = 99.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

185 **DST_R_ADD_SKIN** number (1,0) Required: false
Site(s) of involvement at time of additional distant recurrence Skin, except incision Specify site (text):

Allowable Values

1 yes

2 not reported

186 **DST_R_ADD_SKIN_DATE** string (8) Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

187	DST_R_ADD_SKIN_TXT	string (250)	Required: false
Free text describing site of additional distant recurrence in skin			

188	DST_R_ADD_ADRENAL	number (1,0)	Required: false
Site(s) of involvement at time of additional distant recurrence Adrenal gland			

Allowable Values
1 yes
2 not reported

189	DST_R_ADD_ADRENAL_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p>		
<table border="1"> <tr> <td style="text-align: center;">1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description
must be a valid date of format YYYYMMDD

DST_R_ADD_OTH	number (1,0)	Required: false
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190 Site(s) of involvement at time of additional distant recurrence Other Specify site (text):

Allowable Values

- 1 yes
- 2 not reported

191 **DST_R_ADD_OTH_DATE** string (8) Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
Components of date should be right justified and zero filled.
MM = 01 - 12, 88, 99
DD = 01 - 31, 88, 99
YYYY = **Minimum year** - system date year, 8888, 9999
Use 88, 8888 for not currently known, in progress to obtain information.
Use 99, 9999 for not known.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If MM = 99 then DD must = 99.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

192 **DST_R_ADD_OTH_TXT** string (250) Required: false
Free text describing other site of additional distant recurrence

193 **NEW_CRC_PRIM** number (1,0) Required: true
Did the proband have a new primary colorectal cancer diagnosis after the original CRC diagnosis (after start date to final chart date)? NOTE: Additional cancer information may exist in the individual.CANCER table

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

194 **NEW_CRC1_TUMOR_NO** number (2,0) Required: true
Tumor number should correspond with information from the CANCER file

195 **NEW_CRC1_ICD** string (7) Required: false
ICD code of 1st new CRC PRIMARY If SYNCHRONOUS primaries, please record the LARGEST. (NEW_PRIMARY_1)

196	NEW_CRC1_DXDATE	string (8)	Required: false
DIAGNOSIS DATE OF 1st New CRC PRIMARY			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
-------------	--------------

Error Description
must be a valid date of format YYYYMMDD

197	NEW_CRC1_SURG	number (1,0)	Required: false
Surgical treatment performed for 1st New CRC PRIMARY?			

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

198	NEW_CRC1_SURG_TYPE	number (2,0)	Required: false
Type of surgical treatment for new CRC primary (Can use SEER coding)			

Allowable Values	
2	Local tumor destruction, i.e. laser, electrocautery
3	Local surgical excision with specimen i.e. trans anal excision, polypectomy, snare
4	Right Hemi colectomy
5	Left Hemi colectomy
6	Hemi colectomy Side not specified: not total
7	Low Anterior resection
8	Total Colectomy
9	Total Proctectomy
10	Total Proctocolectomy
11	Abdominoperineal resection

12	Segmental / Wedge / Partial Resection NOS
77	Other (Specify):
88	Not Asked
99	Unknown

199	NEW_CRC1_SURG_TYPE_TXT	string (250)	Required:false
Free text describing other type of surgery for 1st new CRC primary			

200	NEW_CRC1_SURG_DATE	string (8)	Required:false
Date of 1st resection for 1st new CRC primary			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p>		
<table border="1"> <tr> <td>1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description
must be a valid date of format YYYYMMDD

201	NEW_CRC1_SURG_LOCAL	number (1,0)	Required:false
Operative findings , local (residual tumor) for 1st new CRC primary (obtain information from the operative report and/or the discharge summary NOT pathology report)			

Allowable Values	
1	Tumor not entirely resected
2	Tumor entirely resected
8	Not Asked
9	Unknown

202	NEW_CRC1_SURG_OTHORG	number (1,0)	Required:false
Were other organs (partial or total) removed at definitive surgery for 1st new CRC primary ?			

Allowable Values	
1	Yes and site/organ specified
2	Yes but site/organ not specified

3	No
8	Not asked
9	Unknown

203	NEW_CRC1_SURG_OTHORG_SM_INTEST	number (1,0)	Required: false
If small intestine (partial or total) were removed, please specify:			

Allowable Values	
1	yes
2	not reported

204	NEW_CRC1_SURG_OTHORG_LIVER	number (1,0)	Required: false
If liver (partial or total) was removed, please specify:			

Allowable Values	
1	yes
2	not reported

205	NEW_CRC1_SURG_OTHORG_APPENDIX	number (1,0)	Required: false
If appendix (partial or total) was removed, please specify:			

Allowable Values	
1	yes
2	not reported

206	NEW_CRC1_SURG_OTHORG_OVARY_NOS	number (1,0)	Required: false
If ovary (partial or total) were removed and no information on which side (left or right) , please specify:			

Allowable Values	
1	yes
2	not reported

207	NEW_CRC1_SURG_OTHORG_OVARY_R	number (1,0)	Required: false
If right ovary (partial or total) was removed, please specify:			

Allowable Values	
1	yes
2	not reported

208	NEW_CRC1_SURG_OTHORG_OVARY_L	number (1,0)	Required: false
If left ovary (partial or total) was removed, please specify:			

Allowable Values

1 yes

2 not reported

209

NEW_CRC1_SURG_OTHORG_OVARY_B

number (1,0)

Required: false

If both ovaries (partial or total) were removed, please specify:

Allowable Values

1 yes

2 not reported

210

NEW_CRC1_SURG_OTHORG_SPLEEN

number (1,0)

Required: false

If spleen (partial or total) was removed, please specify:

Allowable Values

1 yes

2 not reported

211

NEW_CRC1_SURG_OTHORG_BLADDER

number (1,0)

Required: false

If bladder (partial or total) was removed, please specify:

Allowable Values

1 yes

2 not reported

212

NEW_CRC1_SURG_OTHORG_OTH

number (1,0)

Required: false

If other organs (partial or total) were removed, please specify:

Allowable Values

1 yes

2 not reported

213

NEW_CRC1_SURG_OTHORG_OTH_TXT

string (250)

Required: false

Free text describing other organs (partial or total) removed COMMA SEPERATED IF MORE THAN ONE

214

NEW_CRC1_SURG_MARGIN

number (1,0)

Required: false

Did the 1st new CRC primary reach surgical resection margins? (Source: Pathology report)

Allowable Values

1 Positive, proximal (Tumor is seen at proximal surgical resection margin)

2 Positive, distal (Tumor is seen at distal surgical resection margin)

3 Positive, radial (Tumor is seen at radial surgical resection margin)

4	Positive, more than one margins defined.
5	Positive, NOS (Tumor is seen at surgical resection margin, margin not defined)
6	Negative (all surgical resection margins are free of tumor)
8	Not Asked
9	Unknown

215	NEW_CRC1_MET	number (1,0)	Required: false
Was distant metastatic disease found at surgery for 1st new CRC primary?			

Allowable Values	
1	Yes and site/organ specified
2	Yes but site/organ not specified
3	No
8	Not asked
9	Unknown

216	NEW_CRC1_MET_ASCITES	number (1,0)	Required: false
Site of Metastatic Disease: Ascites			

Allowable Values	
1	yes
2	not reported

217	NEW_CRC1_MET_MESEN_LN	number (1,0)	Required: false
Site of Metastatic Disease: Mesenteric lymph nodes, other than in mesentery of planned resection			

Allowable Values	
1	yes
2	not reported

218	NEW_CRC1_MET_LIVER	number (1,0)	Required: false
Site of Metastatic Disease: Liver			

Allowable Values	
1	yes
2	not reported

219	NEW_CRC1_MET_LUNG	number (1,0)	Required: false
Site of Metastatic Disease: Lung			

Allowable Values	

1 yes

2 not reported

220 **NEW_CRC1_MET_OMENTUM** number (1,0) Required: false

Site of Metastatic Disease: Omentum

Allowable Values

1 yes

2 not reported

221 **NEW_CRC1_MET_ABD_WALL** number (1,0) Required: false

Site of Metastatic Disease: Abdominal wall

Allowable Values

1 yes

2 not reported

222 **NEW_CRC1_MET_OVARY** number (1,0) Required: false

Site of Metastatic Disease: Ovary(s)

Allowable Values

1 yes

2 not reported

223 **NEW_CRC1_MET_BONE** number (1,0) Required: false

Site of Metastatic Disease: Bone

Allowable Values

1 yes

2 not reported

224 **NEW_CRC1_MET_PERITO** number (1,0) Required: false

Site of Metastatic Disease: Peritoneum

Allowable Values

1 yes

2 not reported

225 **NEW_CRC1_MET_MESEN** number (1,0) Required: false

Site of Metastatic Disease: Mesentery

Allowable Values

- 1 yes
- 2 not reported

226	NEW_CRC1_MET_OTH	number (1,0)	Required: false
Site of Metastatic Disease: Other			

- Allowable Values
- 1 yes
 - 2 not reported

227	NEW_CRC1_MET_OTH_TXT	string (250)	Required: false
Free text describing other site of Metastatic Disease COMMA SEPERATED IF MORE THAN ONE			

228	NEW_CRC1_MET_RESECT	number (1,0)	Required: false
Was this metastasis resected immediately (within 3 months) after baseline surgery) (if applicable)			

- Allowable Values
- 1 All metastases entirely resected
 - 2 At least one metastasis not entirely resected
 - 3 Not resected (No surgery)
 - 8 Not Asked
 - 9 Unknown

229	NEW_CRC1_MET_RESECT_DATE	string (8)	Required: false
Date metastasis was resected (only if metastasis was completely or incompletely resected):			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description

must be a valid date of format YYYYMMDD

230	NEW_CRC1_T	number (1,0)	Required: false
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Clinicopathologic summary stage of disease. Tumor Stage of 1st new CRC primary (0-4)

Allowable Values

- 0 Carcinoma in situ/TIS
- 1 Tumor invades submucosa
- 2 Tumor invades muscularis propria
- 3 Tumor invades through muscularis propria into submucosa or into non peritonealized pericolic or perirectal tissues
- 4 Tumor directly invades other organs/structures/perforates visceral peritonium
- 8 Not Asked
- 9 Unknown

231

NEW_CRC1_N

number (1,0)

Required: false

Nodal stage of 1st new CRC primary (0-3)

Allowable Values

- 0 No regional lymph node metastasis
- 1 Metastasis in 1 to 3 regional lymph nodes
- 2 Metastasis in 4 or more regional lymph nodes
- 8 Not Asked
- 9 Unknown

232

NEW_CRC1_M

number (1,0)

Required: false

Metastasis stage of 1st new CRC primary (0-1)

Allowable Values

- 0 No distant metastasis
- 1 Distant metastasis is present
- 8 Not Asked
- 9 Unknown

233

NEW_CRC1_T_SRC

number (1,0)

Required: false

Source of information for tumor stage:

Allowable Values

- 1 Pathology Report
- 2 Clinic Note/Discharge Summary
- 3 Other Specify (text):
- 8 Not Asked
- 9 Unknown

NEW_CRC1_T_SRC_TXT

string (250)

Required: false

234 Source of information for tumor stage: OTHER

235 **NEW_CRC1_N_SRC** number (1,0) Required: false

Source of information for nodal stage:

- Allowable Values
- 1 Pathology Report
 - 2 Clinic Note/Discharge Summary
 - 3 Other Specify (text):
 - 8 Not Asked
 - 9 Unknown

236 **NEW_CRC1_N_SRC_TXT** string (250) Required: false

Source of information for nodal stage: OTHER

237 **NEW_CRC1_M_SRC** number (1,0) Required: false

Source of information for metastasis stage):

- Allowable Values
- 1 Pathology Report
 - 2 Clinic Note/Discharge Summary
 - 3 Operative Note
 - 4 Radiology report (US, CT, MRI etc.)
 - 5 Other Specify (text):
 - 8 Not Asked
 - 9 Unknown

238 **NEW_CRC1_M_SRC_TXT** string (250) Required: false

Source of information for metastasis stage: OTHER

239 **NEW_CRC1_CHEMO** number (1,0) Required: false

Was chemotherapy given for treatment of the new primary colorectal cancer(s)?

- Allowable Values
- 1 Yes
 - 2 No
 - 8 Not Asked
 - 9 Unknown

240 **NEW_CRC1_CHEMO_METHOD** number (1,0) Required: false

What method of chemotherapy was applied for treatment of the new primary colorectal cancer(s)? Note: Multiple methods and agents are possible. If so they should be recorded in order given ie Neo Adjuvant first > Adjuvant > Palliative last

Allowable Values	
1	Adjuvant
2	Palliative
3	Pseudo Adjuvant
4	Neo Adjuvant (pre operative)
8	Not Asked
9	Unknown

241	NEW_CRC1_CHEMO1_DATE	string (8)	Required: false
Date of 1st chemotherapy treatment of the CRC primary(s) in the eligibility period			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p> <table border="1"> <tr> <td>1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description
must be a valid date of format YYYYMMDD

242	NEW_CRC1_CHEMO1_AGT	number (1,0)	Required: false
Pseudo gateway question to capture overall "missing/unknown agent"			

Allowable Values	
1	specified
8	Not Asked
9	Unknown

243	NEW_CRC1_CHEMO1_AGT_5FU	number (1,0)	Required: false
5 FU / FLUOROURACIL/ ADRUCIL CHEMOTHERAPEUTIC AGENT first course only. Does not include medications given to control or suppress side effect. Also the list is abbreviated and another variable "other" added to list additional drugs			

Allowable Values	
1	yes
2	not reported

244	NEW_CRC1_CHEMO1_AGT_FA	number (1,0)	Required: false
<p>FA (FOLINIC ACID) / LEUCOVORIN / WELLCOVORIN</p> <p style="text-align: center;">Allowable Values</p> <p>1 yes</p> <p>2 not reported</p>			
245	NEW_CRC1_CHEMO1_AGT_CPT11	number (1,0)	Required: false
<p>CPT11/ IRINOTECAN / CAMPTOSAR</p> <p style="text-align: center;">Allowable Values</p> <p>1 yes</p> <p>2 not reported</p>			
246	NEW_CRC1_CHEMO1_AGT_OXAL	number (1,0)	Required: false
<p>OXALIPLATIN / ELOXATIN</p> <p style="text-align: center;">Allowable Values</p> <p>1 yes</p> <p>2 not reported</p>			
247	NEW_CRC1_CHEMO1_AGT_LEVA	number (1,0)	Required: false
<p>LEVAMISOLE</p> <p style="text-align: center;">Allowable Values</p> <p>1 yes</p> <p>2 not reported</p>			
248	NEW_CRC1_CHEMO1_AGT_XELO	number (1,0)	Required: false
<p>XELODA / CAPECITABINE</p> <p style="text-align: center;">Allowable Values</p> <p>1 yes</p> <p>2 not reported</p>			
249	NEW_CRC1_CHEMO1_AGT_AVAS	number (1,0)	Required: false
<p>AVASTIN / BEVACIZUMAB</p> <p style="text-align: center;">Allowable Values</p> <p>1 yes</p> <p>2 not reported</p>			

250	NEW_CRC1_CHEMO1_AGT_ERBI	number (1,0)	Required: false												
ERBITUX/ CETUXIMAB															
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported						
Allowable Values															
1	yes														
2	not reported														
251	NEW_CRC1_CHEMO1_AGT_GEMZ	number (1,0)	Required: false												
GEMZAR															
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported						
Allowable Values															
1	yes														
2	not reported														
252	NEW_CRC1_CHEMO1_AGT_OTH	number (1,0)	Required: false												
OTHER AGENT CHEMOTHERAPEUTIC AGENT															
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>yes</td> </tr> <tr> <td>2</td> <td>not reported</td> </tr> </table>				Allowable Values		1	yes	2	not reported						
Allowable Values															
1	yes														
2	not reported														
253	NEW_CRC1_CHEMO1_AGT_OTH_TXT	string (250)	Required: false												
Free text describing OTHER CHEMOTHERAPEUTIC AGENT, COMMA SEPERATED IF MORE THAN ONE															
254	NEW_CRC1_RAD	number (1,0)	Required: false												
Was radiation given for treatment of the new primary colorectal cancer(s)?															
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>8</td> <td>Not Asked</td> </tr> <tr> <td>9</td> <td>Unknown</td> </tr> </table>				Allowable Values		1	Yes	2	No	8	Not Asked	9	Unknown		
Allowable Values															
1	Yes														
2	No														
8	Not Asked														
9	Unknown														
255	NEW_CRC1_RAD_METHOD	number (1,0)	Required: false												
What method of radiotherapy was applied for treatment of the new primary colorectal cancer(s)?															
<table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td>1</td> <td>Adjuvant</td> </tr> <tr> <td>2</td> <td>Palliative</td> </tr> <tr> <td>3</td> <td>Pseudo Adjuvant</td> </tr> <tr> <td>4</td> <td>Neo Adjuvant (pre operative)</td> </tr> <tr> <td>8</td> <td>Not Asked</td> </tr> </table>				Allowable Values		1	Adjuvant	2	Palliative	3	Pseudo Adjuvant	4	Neo Adjuvant (pre operative)	8	Not Asked
Allowable Values															
1	Adjuvant														
2	Palliative														
3	Pseudo Adjuvant														
4	Neo Adjuvant (pre operative)														
8	Not Asked														

9 Unknown

256 **NEW_CRC1_RAD1_DATE** string (8) Required: false
Date of 1st radiotherapy treatment of the CRC primary(s) in the eligibility period

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
Components of date should be right justified and zero filled.
MM = 01 - 12, 88, 99
DD = 01 - 31, 88, 99
YYYY = **Minimum year** - system date year, 8888, 9999
Use 88, 8888 for not currently known, in progress to obtain information.
Use 99, 9999 for not known.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If MM = 99 then DD must = 99.
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

257 **NEW_CRC1_TREAT_OTH** number (1,0) Required: false
Were other treatment methods applied for new primary colorectal cancer(s)?

- Allowable Values
- 1 Yes (Specify)
 - 2 No
 - 8 Not Asked
 - 9 Unknown

258 **NEW_CRC1_TREAT_OTH_TXT** string (250) Required: false
free text describing 1st other treatment methods applied for new CRC primary (NEW_CRC1_TREAT_OTH=1,2), Comma separated list of other agents(s)

259 **NEW_CRC1_SYNC** number (1,0) Required: false
Were synchronous new CRC primaries diagnosed?

- Allowable Values
- 1 Yes
 - 2 No
 - 8 Not Asked
 - 9 Unknown

260	NEW_CRC1_SYNC_NUM	number (2,0)	Required: false
	# _____ of SYNCHRONOUS PRIMARY(S)		

Allowable Values	
1 to 8 or 88, 99	Range
88	Not asked
99	unknown

261	NEW_CRC1_SYNC2_TUMOR_NO	number (2,0)	Required: true
	Tumor number should correspond with information from the CANCER file		

262	NEW_CRC1_SYNC2_ICD	string (7)	Required: false
	ICD code of 2nd SYNCHRONOUS new CRC PRIMARY DIAGNOSIS TYPE. (Please record the 2nd largest. (NEW_PRIMARY_2)		

263	NEW_CRC1_SYNC2_DXDATE	string (8)	Required: false
	DIAGNOSIS DATE OF 2nd SYNCHRONOUS new CRC PRIMARY		

Date Value Check	
The date must follow to the following format:	
Format YYYYMMDD. Must consist of valid date.	
Components of date should be right justified and zero filled.	
MM = 01 - 12, 88, 99	
DD = 01 - 31, 88, 99	
YYYY = Minimum year - system date year, 8888, 9999	
Use 88, 8888 for not currently known, in progress to obtain information.	
Use 99, 9999 for not known.	
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.	
If MM = 99 then DD must = 99.	
If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.	
If YYYY = 9999 then MM and DD must = 99.	
The following special parameters are used:	
1900	Minimum year

Error Description
must be a valid date of format YYYYMMDD

264	NEW_CRC1_SYNC2_SURG_TYPE	number (2,0)	Required: false
	Surgical treatment for 2nd synchronous new CRC (Can use SEER coding to derive)		

Allowable Values	
1	No Surgery
2	Local tumor destruction, i.e. laser, electrocautery
3	Local surgical excision with specimen i.e. trans anal excision, polypectomy, snare
4	Right Hemi colectomy
5	Left Hemi colectomy
6	Hemi colectomy Side not specified: not total

7	Low Anterior resection
8	Total Colectomy
9	Total Proctectomy
10	Total Proctocolectomy
11	Abdominoperineal resection
12	Segmental / Wedge / Partial Resection NOS
77	Other (Specify):
88	Not Asked
99	Unknown

265	NEW_CRC1_SYNC2_SURG_TYPE_TXT	string (250)	Required: false
free text describing other surgery for 2nd synchronous new CRC			

266	NEW_CRC1_SYNC2_SURG_LOCAL	number (1,0)	Required: false
Operative findings , local (residual tumor) (obtain information from the operative report and/or the discharge summary NOT pathology report)			

Allowable Values	
1	Tumor not entirely resected
2	Tumor entirely resected
8	Not Asked
9	Unknown

267	NEW_CRC1_SYNC2_SURG_MARGIN	number (1,0)	Required: false
Did the tumor reach surgical resection margins? (Source: Pathology report)			

Allowable Values	
1	Positive, proximal (Tumor is seen at proximal surgical resection margin)
2	Positive, distal (Tumor is seen at distal surgical resection margin)
3	Positive, radial (Tumor is seen at radial surgical resection margin)
4	Positive, more than one margins defined.
5	Positive, NOS (Tumor is seen at surgical resection margin, margin not defined)
6	Negative (all surgical resection margins are free of tumor)
8	Not Asked
9	Unknown

268	NEW_CRC1_SYNC3_TUMOR_NO	number (2,0)	Required: true
Tumor number should correspond with information from the CANCER file			

269	NEW_CRC1_SYNC3_ICD	string (7)	Required: false
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ICD code of 3rd SYNCHRONOUS new CRC PRIMARY DIAGNOSIS TYPE. (Please record the 3rd largest. (NEW_PRIMARY_3)

NEW_CRC1_SYNC3_DXDATE

string (8)

Required: false

270

DIAGNOSIS DATE OF 3rd SYNCHRONOUS new CRC PRIMARY IN THE ELIGIBILITY PERIOD

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

NEW_CRC1_SYNC3_SURG_TYPE

number (2,0)

Required: false

271

Surgical treatment for 3rd SYNCHRONOUS new CRC primary (Can use SEER coding to derive)

Allowable Values

1 No Surgery

2 Local tumor destruction, i.e. laser, electrocautery

3 Local surgical excision with specimen i.e. trans anal excision, polypectomy, snare

4 Right Hemi colectomy

5 Left Hemi colectomy

6 Hemi colectomy Side not specified: not total

7 Low Anterior resection

8 Total Colectomy

9 Total Proctectomy

10 Total Proctocolectomy

11 Abdominoperineal resection

12 Segmental / Wedge / Partial Resection NOS

77 Other (Specify):

88 Not Asked

99 Unknown

NEW_CRC1_SYNC3_SURG_TYPE_TXT

string (250)

Required: false

272

Free text describing other surgery for 3rd synchronous new CRC

NEW_CRC1_SYNC3_SURG_LOCAL number (1,0) Required: false
273 Operative findings , local (residual tumor) or 3rd synchronous new CRC (obtain information from the operative report and/or the discharge summary NOT pathology report)

Allowable Values	
1	Tumor not entirely resected
2	Tumor entirely resected
8	Not Asked
9	Unknown

NEW_CRC1_SYNC3_SURG_MARGIN number (1,0) Required: false
274 Did the or 3rd synchronous new CRC reach surgical resection margins? (Source: Pathology report)

Allowable Values	
1	Positive, proximal (Tumor is seen at proximal surgical resection margin)
2	Positive, distal (Tumor is seen at distal surgical resection margin)
3	Positive, radial (Tumor is seen at radial surgical resection margin)
4	Positive, more than one margins defined.
5	Positive, NOS (Tumor is seen at surgical resection margin, margin not defined)
6	Negative (all surgical resection margins are free of tumor)
8	Not Asked
9	Unknown

NEW_CRC2_PRIM number (1,0) Required: false
275 Was second "non Synchronous" CRC diagnosed within the follow-up period after the diagnosis of first new CRC? NOTE: Additional cancer information may exist in the individual.CANCER table

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

NEW_CRC2_TUMOR_NO number (2,0) Required: true
276 Tumor number should correspond with information from the CANCER file

NEW_CRC2_ICD string (7) Required: false
277 second "non synchronous" CRC diagnosed within the follow-up period (within 4 yrs of incidence CRC)

NEW_CRC2_DXDATE string (8) Required: false
278

Diagnosis Date 2nd new "non-synchronous" CRC primary(s) in the follow-up period

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

279

NEW_CRC2_SURG_TYPE

number (2,0)

Required: false

Surgical treatment for 2nd non-synchronous CRC (Can use SEER coding to derive)

Allowable Values

1 No Surgery

2 Local tumor destruction, i.e. laser, electrocautery

3 Local surgical excision with specimen i.e. trans anal excision, polypectomy, snare

4 Right Hemi colectomy

5 Left Hemi colectomy

6 Hemi colectomy Side not specified: not total

7 Low Anterior resection

8 Total Colectomy

9 Total Proctectomy

10 Total Proctocolectomy

11 Abdominoperineal resection

12 Segmental / Wedge / Partial Resection NOS

77 Other (Specify):

88 Not Asked

99 Unknown

280

NEW_CRC2_SURG_TYPE_TXT

string (250)

Required: false

Free text describing other surgical treatment for 2nd non-synchronous CRC

281

NEW_CRC2_SURG_TYPE_LOCAL

number (1,0)

Required: false

Operative findings , local (residual tumor) 2nd non-synchronous CRC (obtain information from the operative report and/or the discharge summary NOT pathology report)

Allowable Values

- 1 Tumor not entirely resected
- 2 Tumor entirely resected
- 8 Not Asked
- 9 Unknown

282

NEW_CRC2_SURG_TYPE_MARGIN

number (1,0)

Required: false

Did the 2nd non-synchronous CRC reach surgical resection margins? (Source: Pathology report)

Allowable Values

- 1 Positive, proximal (Tumor is seen at proximal surgical resection margin)
- 2 Positive, distal (Tumor is seen at distal surgical resection margin)
- 3 Positive, radial (Tumor is seen at radial surgical resection margin)
- 4 Positive, more than one margins defined.
- 5 Positive, NOS (Tumor is seen at surgical resection margin, margin not defined)
- 6 Negative (all surgical resection margins are free of tumor)
- 8 Not Asked
- 9 Unknown

283

NEW_CRC2_SYNC

number (1,0)

Required: false

Were 2nd synchronous new CRC primaries diagnosed?

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

284

NEW_CRC2_SYNC_NUM

number (2,0)

Required: false

#_____ of 2nd SYNCHRONOUS PRIMARY(S)

Allowable Values

- 1 to 8 or 88, 99 Range
- 88 Not asked
- 99 unknown

285

NEW_NONCRC_PRIM

number (1,0)

Required: false

Did the proband have a new non-CRC primary diagnosis after the original CRC diagnosis (after incident CRC date to date of final chart note) NOTE: Additional cancer information may exist in the individual.CANCER table

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

- | | |
|---|-----------|
| 1 | Yes |
| 2 | No |
| 8 | Not Asked |
| 9 | Unknown |

286	NEW_NONCRC1_ICD	string (7)	Required: false
ICD code for 1st new non-CRC PRIMARY			

287	NEW_NONCRC2_ICD	string (7)	Required: false
ICD code for 2nd new non-CRC PRIMARY			

288	NEW_NONCRC3_ICD	string (7)	Required: false
ICD code for 3rd new non-CRC PRIMARY			

289	LAST_STATUS	number (1,0)	Required: true
final vital status with cause of death (COD)			

- | | |
|------------------|--------------------------------|
| Allowable Values | |
| 1 | alive and cancer free |
| 2 | alive with cancer |
| 3 | alive cancer status unknown |
| 4 | deceased due to Cancer |
| 5 | deceased not due to cancer |
| 6 | deceased cancer status unknown |
| 7 | deceased cause unknown |
| 8 | Not Asked |
| 9 | Unknown |

290	DEATH_DATE	string (8)	Required: false
DATE OF DEATH			

Date Value Check
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p>

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

291 **DEATH_CAUSE** string (25) Required:false

What was the patient's cause of death? Cause of Death: (if known use ICD code)

292 **LAST_CHART_DATE** string (8) Required:false

Date of Last (Most Recent) Physician Chart Note found by the Abstractor (Operative Notes, Discharge Summary, Clinic Notes, Chemotherapy and/or Radiotherapy Notes)

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

293 **COMPLETE_DATE** string (8) Required:false

Date Form Completed (date review/abstraction completed)

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

LR_DST_RECUR

number (1,0)

Required: false

294

Did the patient have at least one locoregional or distal recurrence after CRC diagnosis? (Ideally interval between diagnosis date and final chart review date should be at least 4 years)

Allowable Values

1 Yes and site/organ specified

2 Yes but site/organ not specified

3 No

8 Not asked

9 Unknown

LR_DST1_ANAST

number (1,0)

Required: false

295

Site(s) of involvement at time of first locoregional or distal recurrence (please circle all that apply): Anastomosis:

Allowable Values

1 yes

2 Not reported

LR_DST1_ANAST_DATE

string (8)

Required: false

296

First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

LR_DST1_MESEN

number (1,0)

Required: false

297

Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Mesentery

Allowable Values

- 1 yes
- 2 Not reported

298	LR_DST1_MESEN_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

299	LR_DST1_ABD_WALL	number (1,0)	Required: false
Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Abdominal Wall (not incisional)			

- Allowable Values

 - 1 yes
 - 2 Not reported

300	LR_DST1_ABD_WALL_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.
 Components of date should be right justified and zero filled.
 MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description

must be a valid date of format YYYYMMDD

301 **LR_DST1_INCS** number (1,0) Required: false

Site(s) of involvement at time of first locoregional recurrence (please circle all that apply): Incisional

Allowable Values

1 yes

2 Not reported

302 **LR_DST1_INCS_DATE** string (8) Required: false

First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

303 **LR_DST1_PELVIS** number (1,0) Required: false

Site(s) of involvement at time of first distal or locoregional recurrence (please circle all that apply): Pelvis

Allowable Values

1 yes

2 Not reported

304 **LR_DST1_PELVIS_DATE** string (8) Required: false

First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99
 DD = 01 - 31, 88, 99
 YYYY = **Minimum year** - system date year, 8888, 9999
 Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description
must be a valid date of format YYYYMMDD

305	LR_DST1_LIVER	number (1,0)	Required: false
Site(s) of involvement at time of first distant or locoregional recurrence Liver			

Allowable Values	
1	yes
2	Not reported

306	LR_DST1_LIVER_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p> <table border="1"> <tr> <td style="text-align: center;">1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description
must be a valid date of format YYYYMMDD

307	LR_DST1_LUNG	number (1,0)	Required: false
Site(s) of involvement at time of first distant or locoregional recurrence Lung			

Allowable Values	
1	yes
2	Not reported

308	LR_DST1_LUNG_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description
must be a valid date of format YYYYMMDD

309	LR_DST1_BONE	number (1,0)	Required: false
Site(s) of involvement at time of first distant or locoregional recurrence Bone			

Allowable Values	
1	yes
2	Not reported

310	LR_DST1_BONE_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check		
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">1900</td> <td>Minimum year</td> </tr> </table>	1900	Minimum year
1900	Minimum year	

Error Description

must be a valid date of format YYYYMMDD

311	LR_DST1_ASCITES	number (1,0)	Required: false
Site(s) of involvement at time of first distant or locoregional recurrence Ascites			

Allowable Values

1 yes

2 Not reported

312	LR_DST1_ASCITES_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check
The date must follow to the following format: Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99. The following special parameters are used:
1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

313	LR_DST1_NONMES_LN	number (1,0)	Required: false
Site(s) of involvement at time of first distant or locoregional recurrence Non-mesenteric lymph nodes (except supraclavicular)			

Allowable Values

1 yes

2 Not reported

314	LR_DST1_NONMES_LN_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check
The date must follow to the following format: Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.
 Use 99, 9999 for not known.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If MM = 99 then DD must = 99.
 If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.
 If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
-------------	--------------

Error Description
must be a valid date of format YYYYMMDD

315	LR_DST1_NONMES_LN_TXT	string (250)	Required: false
Free text describing specific non-mesenteric lymph nodes (except supraclavicular)			

316	LR_DST1_SUPRA_LN	number (1,0)	Required: false
Site(s) of involvement at time of first distant or locoregional recurrence Supraclavicular nodes			

Allowable Values	
1	yes
2	Not reported

317	LR_DST1_SUPRA_LN_DATE	string (8)	Required: false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check	
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date. Components of date should be right justified and zero filled. MM = 01 - 12, 88, 99 DD = 01 - 31, 88, 99 YYYY = Minimum year - system date year, 8888, 9999 Use 88, 8888 for not currently known, in progress to obtain information. Use 99, 9999 for not known. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If MM = 99 then DD must = 99. If century is known, but year is unknown then give an estimate of year or code YYYY = 9999. If YYYY = 9999 then MM and DD must = 99.</p> <p>The following special parameters are used:</p>	
1900	Minimum year

Error Description
must be a valid date of format YYYYMMDD

318	LR_DST1_BRAIN	number (1,0)	Required: false
Site(s) of involvement at time of first distant or locoregional recurrence Brain			

Allowable Values	
1	yes

2 Not reported

319 LR_DST1_BRAIN_DATE string (8) Required:false

First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

320 LR_DST1_SKIN number (1,0) Required:false

Site(s) of involvement at time of first distant or locoregional recurrence: Skin, except incision Specify site (text):

Allowable Values

1 yes

2 Not reported

321 LR_DST1_SKIN_DATE string (8) Required:false

First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

322	LR_DST1_SKIN_TXT	string (250)	Required:false
Free text describing first distant or locoregional recurrence in skin, except incision			

323	LR_DST1_ADRENAL	number (1,0)	Required:false
Site(s) of involvement at time of first distant or locoregional recurrence: Adrenal gland			

Allowable Values

1 yes

2 Not reported

324	LR_DST1_ADRENAL_DATE	string (8)	Required:false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900 Minimum year

Error Description

must be a valid date of format YYYYMMDD

325	LR_DST1_OTH	number (1,0)	Required:false
Site(s) of involvement at time of first distant or locoregional recurrence Other Specify site (text):			

Allowable Values

1 Yes

2 Not reported

326	LR_DST1_OTH_TXT	string (250)	Required:false
Free text describing other site of first distant or locoregional recurrence			

327	LR_DST1_OTH_DATE	string (8)	Required:false
First Diagnosed Month First Diagnosed Day (optional) First Diagnosed Year			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

1900	Minimum year
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Error Description

must be a valid date of format YYYYMMDD
