



**ICHOM**

International Consortium for  
Health Outcomes Measurement

**COLORECTAL  
CANCER  
DATA COLLECTION  
REFERENCE GUIDE**

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Measuring  
results

that matter

Social  
functioning

Colorectal Cancer



We are thrilled that you are interested in measuring outcomes for your colorectal cancer patients according to ICHOM standards. It is our hope that this Reference Guide will facilitate the process of implementing our Standard Set and ensure collection of comparable data for global benchmarking and learning.

# Introducing ICHOM and the Reference Guide

ICHOM brings together patient representatives, clinician leaders, and registry leaders from all over the world to develop Standard Sets, comprehensive yet parsimonious sets of outcomes and case-mix variables we recommend all providers track.

Each Standard Set focuses on patient-centered results, and provides an internationally-agreed upon method for measuring each of these outcomes. We do this because we believe that standardized outcomes measurement will open up new possibilities to compare performance globally, allow clinicians to learn from each other, and rapidly improve the care we provide our patients.

Our Standard Sets include initial conditions and risk factors to enable meaningful case-mix adjustment globally, ensuring that comparisons of outcomes will take into account the differences in patient populations across not just providers, but also countries and regions. We also include high-level treatment variables to allow stratification of outcomes by major treatment types. A comprehensive data dictionary is included in the appendix.

## Working Group Members for Colorectal Cancer

The following individuals dedicated both time and expertise to develop the ICHOM Standard Set for Colorectal Cancer in partnership with ICHOM, under the leadership of Dr. Rob Tollenaar, Professor of Surgical Oncology and Head of the Department of Surgery at Leiden University Medical Center, Leiden and Cornelis van de Velde, Professor of Surgical Oncology and Coordinator of Oncology at the Leiden University Medical Center, Leiden, The Netherlands

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## Supporting Organizations

The Colorectal Cancer Standard Set is made possible only through the support of the Alliance of Dedicated Cancer Centers.

Thank you.



**Bowel Cancer Australia**

## Conditions and Treatment Approaches Covered for Colorectal Cancer

For Colorectal Cancer, the following treatment approaches (or interventions) are covered by our Standard Set.

<b>Conditions*</b>	All patients with newly pathologically diagnosed invasive colorectal cancer (stage I-IV)
<b>Treatment Approaches</b>	Surgery   Radiotherapy   Chemotherapy   Targeted Therapy

\*Excluded Conditions: Non-adenocarcinoma, non-primary colorectal tumors and patients with recurrent disease at baseline will be excluded.

# ICHOM Standard Set for Colorectal Cancer

## Case-Mix Variables

Patient Population	Measure	Supporting Information	Timing	Suggested Data Sources
<b>Demographic Factors</b>				
All patients	Date of birth	N/A	Baseline	Patient-reported
	Gender			
	Body mass index	Height and weight		Clinical
	Ethnicity	Determined by country		
	Educational level	Level of schooling completed		Patient-reported
	Relationship status	Relationship status		
<b>Baseline Clinical Factors</b>				
All patients	Performance status	ECOG/WHO scale for performance status	Baseline	Clinical
	Comorbidities	Modified Self-administered Comorbidity Questionnaire (SCQ)		Patient-reported
	Cognitive status	Evidence of cognitive disorder		Clinical
	Familial Adenomatosis Polyposis	Presence of APC mutation		
	Lynch Syndrome/Hereditary Nonpolyposis Colon Cancer	Presence of MMR or EPCAM mutation		
	Inflammatory Bowel Disease	Diagnosis of Inflammatory Bowel Disease		
	<b>Baseline Tumor Factors</b>			
All patients	Date of diagnosis	Initial date of histological diagnosis		
	Tumor location	N/A		
Patients with rectal cancer receiving surgery/radiotherapy	Location of rectum tumor	Distance from the anal verge (in cm)		
All patients	Clinical stage	Clinical stage per AJCC 5th - 7th		
	Synchronous primary tumor	Presence of more than one primary tumor		
Patients with surgery/biopsy	Histological grade	Histological grade of tumor	Baseline	Clinical
	BRAF status	Presence of BRAF mutation		
	RAS status	Presence of RAS mutation		
	MSI/DNA mismatch repair	Presence of microsatellite instability (MSI)		
	Pathological M stage	Pathological stage per AJCC 5th - 7th		
Patients with surgery	Pathological TNM stage	Pathological stage per AJCC 5th - 7th		
	Number of lymph nodes resected	N/A		
	Number of lymph nodes involved			
	Lymphovascular invasion of tumor	Presence of lymphovascular invasion of the tumor		
	Perineural invasion of tumor	Presence of perineural invasion in resected tumor		
	Completeness of surgical resection	Presence of residual disease after surgery		

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**Baseline Treatment Factors**

Patients with surgery	Urgency of procedure	Urgency of the surgery according to the NCEPOD categories		
All patients	Perforation	Presence of perforation of the bowel at site of the tumor	Baseline	Clinical
	Treatment intent	Curative or palliative treatment intent		

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## Treatment Variables

All patients	Surgery	N/A	6 months, update at least annually up to 10 years	Clinical
	Radiotherapy			
	Chemotherapy			
	Targeted therapy			

## Outcomes

Patient Population	Measure	Supporting Information	Timing	Suggested Data Sources
<b>Disutility of care</b>				
Patients with surgery	Stoma status	Any stoma (colostomy/ileostomy) received after surgery	Updated at least 6 months, 1 and 2 year(s) post treatment	Clinical
All patients with treatment	Impact of acute complication	Acute complications will be recorded based on the type of therapy needed or action required to correct the complication as described in the Clavien-Dindo Classification and CTCAE v4.0	Updated at least 6 months after treatment	
	Type of acute complication	Name of acute complication		
<b>Degree of health</b>				
All patients	Overall well-being	Tracked via EORTC QLQ-C30	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years	Patient-reported
	Physical functioning			
	Emotional functioning			
	Social functioning			
	Mobility			
	Depression			
	Sexual functioning			
Patients with surgery/radiotherapy	Bowel functioning	Tracked via EORTC QLQ-CR29	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years	Patient-reported
	Ostomy functioning			
	Pain	Tracked via EORTC QLQ-C30		
	Fatigue			
	Dietary restrictions	Tracked via MSKCC Bowel Function - Dietary Subscale		
Patients with surgery/radiotherapy	Fecal leakage	Tracked via EORTC QLQ-CR29	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years	Patient-reported
	Stool frequency			
	Diarrhea			
	GI symptoms			
	Erectile dysfunction			
Patients with systemic therapy	Vaginal symptoms	Tracked via EORTC QLQ-LMC21 - single item	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years	Patient-reported
	Neuropathy			
<b>Survival and disease control</b>				
All patients	Overall survival	Date of death	6 months, update at least annually up to 10 years	Administrative/clinical
	Cause of death	Death attributed to colorectal cancer		
Patients with curative intent	Recurrence free survival	Local, regional or distant recurrence	6 months, update at least annually up to 10 years	Clinical
Patients with advanced disease	Progression free survival	Disease progression		
Patients with rectal cancer receiving neo-adjuvant therapy	Pathologic or clinical complete response	No sign of residual invasive cancer of resected specimen or on diagnostic evaluation	Updated at least 6 months after treatment	
Patients with rectal cancer receiving surgery	Margin status	Evidence of circumferential margin involvement		



## Quality of death

	Place of death	Where patient died		Administrative/ clinical
Patients with advanced disease	Preference for place of death	Where patient preferred to die	6 months, update at least annually	Clinical
	Hospital admission at the end of life	Admission to the hospital > 1 time in last 30 days of life		

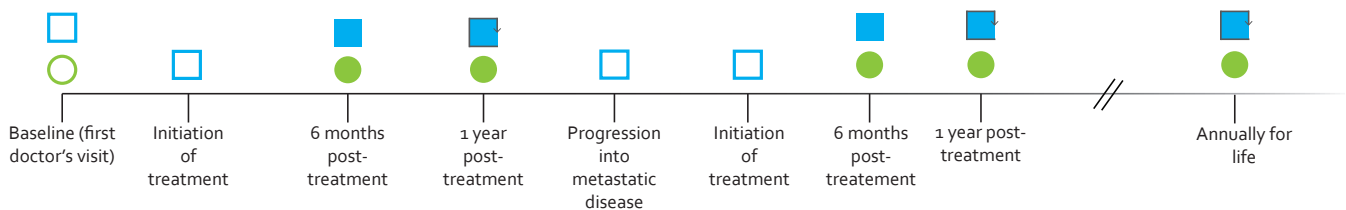
# Follow-Up Timeline and Sample Questionnaires

The following timeline illustrates when Standard Set variables should be collected from patients, clinicians, and administrative sources. Links to the sample questionnaires may be found in the legend below.

Example 1: Patient diagnosed with colorectal cancer, receives one treatment



Example 2: Patient diagnosed with colorectal cancer, receives treatment, progresses into metastatic disease and receives second treatment



## Distinction for long-term follow-up:

Local disease:

- Up to 10 years

Metastatic disease:

- Annually for life

- Baseline Patient-Reported Form ([link](#))
- Baseline Clinical Form ([link](#))
- Follow-Up Patient-Reported Form ([link](#))
- Follow-Up Clinical 6-months Form ([link](#))
- Follow-Up Clinical Annual Form ([link](#))

# Collecting Patient-Reported Outcome Measures

Survey Used	Licensing Information	Scoring Guide
European Organization for Research and Treatment of Cancer Quality of Life Questionnaire (EORTC QLQ-C30)	The EORTC QLQ-C30 is free for all health care organizations, but a license is needed for use. More information can be found at <a href="http://groups.eortc.be/qol/eortc-qlq-c30">http://groups.eortc.be/qol/eortc-qlq-c30</a>	See link at left
European Organization for Research and Treatment of Cancer Quality of Life Questionnaire (EORTC QLQ-C29)	The EORTC QLQ-C29 is free for all health care organizations, but a license is needed for use. More information can be found at <a href="http://groups.eortc.be/qol/eortc-qlq-c30">http://groups.eortc.be/qol/eortc-qlq-c30</a>	See link at left
Memorial Sloan-Kettering Cancer Center (MSKCC) Bowel Function Instrument	The MSKCC-Bowel Function is free for all health care organizations and no license is needed for use.	
European Organization for Research and Treatment of Cancer Quality of Life Questionnaire (EORTC QLQ-LMC21)	The EORTC QLQ-LMC21 is free for all health care organizations, but a license is needed for use. More information can be found at <a href="http://groups.eortc.be/qol/eortc-qlq-c30">http://groups.eortc.be/qol/eortc-qlq-c30</a>	See link at left

## The Growing ICHOM Community

By implementing the ICHOM Standard Sets, you become part of an expanding, international community of innovative health care providers dedicated to improving value for patients. To learn more about how ICHOM can assist your organization in implementing outcome measurement, contact us at [implement@ichom.org](mailto:implement@ichom.org), or visit <http://www.ichom.org/measure>.



# Introduction to the Data Dictionary

This data dictionary is designed to help you measure the ICHOM Colorectal Cancer Standard Set as consistently as possible to the Working Group recommendation. ICHOM is actively preparing for benchmarking efforts based on this data, and all data submitted for comparisons will need to be transformed into the following data structure if not already structured as such. **We are happy to provide an Excel version of this data dictionary for technical use.**

Please timestamp all variables. Some Standard Set variables are collected at multiple timepoints, and we will ask you to submit these variables in a concatenated VARIABLEID\_TIMESTAMP form for future analyses. For example, VARIABLEID\_BASE (baseline); VARIABLEID\_6MO (6 month follow-up); VARIABLEID\_1YR (1 year follow-up), etc.

## Case-Mix Variables

CASE-MIX VARIABLES

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<b>Variable ID:</b>	N/A
<b>Variable:</b>	Patient ID
<b>Definition:</b>	Indicate the patient's medical record number
<b>Supporting Definition:</b>	This number will not be shared with ICHOM. In the case patient-level data is submitted to ICHOM for benchmarking or research purposes, a separate ICHOM Patient Identifier will be created and cross-linking between the ICHOM Patient Identifier and the medical record number will only be known at the treating institution
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	On all forms
<b>Reporting Source:</b>	Administrative or clinical
<b>Type:</b>	Numerical
<b>Response Options:</b>	According to institution

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<b>Variable ID:</b>	LASTNAME
<b>Variable:</b>	Patient's last name
<b>Definition:</b>	Patient's last name:
<b>Supporting Definition:</b>	The patients' name will not be shared with ICHOM.
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	On all forms
<b>Reporting Source:</b>	Administrative or clinical
<b>Type:</b>	Free text
<b>Response Options:</b>	N/A

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## Demographic Factors

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<b>Variable ID:</b>	SEX
<b>Variable:</b>	Gender
<b>Definition:</b>	Please indicate your sex at birth:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = Male 2 = Female

999 = Undisclosed

<b>Variable ID:</b>	DOB
<b>Variable:</b>	Date of birth
<b>Definition:</b>	What is your date of birth?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Date by DD/MM/YYYY
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	ETNIC
<b>Variable:</b>	Ethnicity
<b>Definition:</b>	Varies by country and should be determined by country (not for cross country comparison)
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	N/A
<b>Variable ID:</b>	EDUCATION
<b>Variable:</b>	Educational Level
<b>Definition:</b>	Please indicate highest level of schooling completed. This response option is based upon the ISCED for the United States, and reflects standards in the U.S. Please adapt questions according to your country's guidelines.
<b>Supporting Definition:</b>	This is based upon the International Standard Classification of Education for the United States, and reflects standards in the U.S. Please adapt questions according to your country's guidelines. Primary refers to the first 8 years of formal education in elementary school in the US. Secondary school refers to the last four years of statutory formal education (grade 9-12) at high school in the US. Tertiary refers to colleges or universities, including undergraduate and postgraduate education in the US.
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = None 1 = Primary 2 = Secondary 3 = Tertiary
<b>Variable ID:</b>	MARITAL
<b>Variable:</b>	Relationship status
<b>Definition:</b>	What is your relationship status?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Never married/partnered 1 = Married/partnered 2 = Divorced/separated 3 = Widowed

## Baseline Clinical Factors

**Variable ID:** COMORB

<b>Variable:</b>	Comorbidities
<b>Definition:</b>	The following question is modified from the Self-administered Comorbidity Questionnaire (Sangha et al, 2003)
<b>Supporting Definition:</b>	Based upon the Self-administered Comorbidity Questionnaire (Sangha et al, 2003)
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Multiple answer
	Separate multiple entries with ";"
<b>Response Options:</b>	0 = I have no other diseases
	1 = Heart disease (For example, angina, heart attack, or heart failure)
	2 = High blood pressure
	3 = Leg pain when walking due to poor circulation
	4 = Lung disease (For example, asthma, chronic bronchitis, or emphysema)
	5 = Diabetes
	6 = Kidney disease
	7 = Liver disease
	8 = Problems caused by stroke
	9 = Disease of the nervous system (For example, Parkinson's disease or multiple sclerosis)
	10 = Other cancer (within the last 5 years)
	11 = Depression
	12 = Arthritis

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<b>Variable ID:</b>	HEIGHTCIIN
<b>Variable:</b>	Height
<b>Definition:</b>	Indicate height in centimeters or inches
<b>Supporting Definition:</b>	Height and weight are used to calculate BMI
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Numerical value
<b>Response Options:</b>	Numerical value of height in cm or in

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<b>Variable ID:</b>	HEIGHTUNITCIIN
<b>Variable:</b>	Height units
<b>Definition:</b>	Indicate units of height
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = centimeters
	2 = inches

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<b>Variable ID:</b>	WEIGHTCLIN
<b>Variable:</b>	Weight
<b>Definition:</b>	Indicate weight in kilograms or pounds
<b>Supporting Definition:</b>	Height and weight are used to calculate BMI
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Numerical value
<b>Response Options:</b>	Numerical value of weight in kg or lbs

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<b>Variable ID:</b>	WEIGHTUNITCLIN
<b>Variable:</b>	Weight units
<b>Definition:</b>	Indicate units of weight
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline

<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = kilograms 2 = pounds
<b>Variable ID:</b>	PERFORM
<b>Variable:</b>	Performance status
<b>Definition:</b>	Indicate the ECOG/WHO performance status
<b>Supporting Definition:</b>	ECOG/WHO Scale: WHO 0 = normal activity level WHO 1 = restricted with physically strenuous activity WHO 2 = active >= 50% of day WHO 3 = spends > 50% of day in chair or bed WHO 4 = totally confined to
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = 0 1 = 1 2 = 2 3 = 3 4 = 4 999 = Unknown
<b>Variable ID:</b>	COGN
<b>Variable:</b>	Cognitive status
<b>Definition:</b>	Indicate whether the patient has any evidence of a cognitive disorder (e.g. dementia):
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	APC
<b>Variable:</b>	Adenomatous polyposis coli status
<b>Definition:</b>	Presence of germline APC (Adenomatous polyposis coli) gene mutation:
<b>Supporting Definition:</b>	Familial Adenomatosis Polyposis is caused by a germline mutation of the APC gene.
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	LYNCH
<b>Variable:</b>	MMR or EPCAM gene mutation
<b>Definition:</b>	Presence of germline MMR or EPCAM gene mutation:
<b>Supporting Definition:</b>	Lynch syndrome is caused by a mutation of one of the DNA mismatch repair (MMR) genes or the EPCAM gene.
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	IBD
<b>Variable:</b>	Inflammatory bowel disease diagnosis
<b>Definition:</b>	Any clinical documentation of inflammatory bowel disease diagnosis (including Crohn's disease and Ulcerative colitis):



<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	DIAGDATE
<b>Variable:</b>	Histological diagnosis
<b>Definition:</b>	Initial date of histological diagnosis
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	PRIMARY
<b>Variable:</b>	Synchronous primary tumor
<b>Definition:</b>	Indicate if there is more than one primary tumor
<b>Supporting Definition:</b>	Defined as two or more distinct primary tumors, separated by normal bowel and not due to direct extension or metastasis. Of note: If yes, please collect information on highest TNM stage.
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	LOC
<b>Variable:</b>	Location of tumor
<b>Definition:</b>	Location of tumor:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Caecum 1 = Appendix 2 = Ascending colon 3 = Hepatic flexure 4 = Transverse colon 5 = Splenic flexure 6 = Descending colon 7 = Sigmoid colon 8 = Rectum 999 = Unknown
<b>Variable ID:</b>	VERGE
<b>Variable:</b>	Location of rectum tumor
<b>Definition:</b>	Distance from anal verge (in cm)
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients with rectal cancer receiving surgery/radiotherapy
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Numerical value; Please enter "999" if distance is unknown.
<b>Response Options:</b>	N/A
<b>Variable ID:</b>	TNMCT
<b>Variable:</b>	Clinical tumor stage
<b>Definition:</b>	Clinical tumor stage (per AJCC 5th - 7th Ed.)
<b>Supporting Definition:</b>	Only select cT <sub>4</sub> if not able to select cT <sub>4a</sub> or cT <sub>4b</sub> .

**Inclusion Criteria:** All patients  
**Timing:** Baseline  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 0 = cTX  
 1 = cTis  
 2 = cT1  
 3 = cT2  
 4 = cT3  
 5 = cT4  
 6=cT4a  
 7=cT4b  
 999 = Unknown

**Variable ID:** TNMCN  
**Variable:** Clinical nodal stage  
**Definition:** Clinical nodal stage (per AJCC 5th - 7th Ed.)  
**Supporting Definition:** Only select cN1 or cN2 if not able to select cN1a-c or cN2a-b.  
**Inclusion Criteria:** All patients  
**Timing:** Baseline  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 0 = cNX  
 1 = cNo  
 2 = cN1  
 3 = cN2  
 4=cN2a  
 5=cN2b  
 999 = Unknown

**Variable ID:** TNMCM  
**Variable:** Clinical distant metastasis  
**Definition:** Clinical distant metastasis (per AJCC 5th - 7th Ed.)  
**Supporting Definition:** Only select cM1 if not able to select cM1a or cM1b.  
**Inclusion Criteria:** All patients  
**Timing:** Baseline  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 0 = cMX  
 1 = cMo  
 2 = cM1  
 3=cM1a  
 4=cM1b  
 999 = Unknown

**Variable ID:** HISTOL  
**Variable:** Tumor grade  
**Definition:** Histological grade of the tumor:  
**Supporting Definition:** N/A  
**Inclusion Criteria:** If the patient received surgery or biopsy  
**Timing:** Baseline  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 0 = Well or moderate  
 1 = Poor or undifferentiated  
 999 = Unknown

**Variable ID:** BRAF  
**Variable:** BRAF mutation  
**Definition:** Presence of BRAF mutation:  
**Supporting Definition:** N/A

<b>Inclusion Criteria:</b>	If the patient received surgery or biopsy
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 2 = Not tested 999 = Unknown
<b>Variable ID:</b>	KRAS
<b>Variable:</b>	KRAS mutation
<b>Definition:</b>	Presence of RAS mutation:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery or biopsy
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 2 = Not tested 999 = Unknown
<b>Variable ID:</b>	MSI
<b>Variable:</b>	MSI mutation
<b>Definition:</b>	Presence of microsatellite instability (MSI) mutation:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery or biopsy
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes, MSI-low 2 = Yes, MSI-high 999 = Unknown
<b>Variable ID:</b>	TNMPT
<b>Variable:</b>	Pathological tumor stage
<b>Definition:</b>	Pathological tumor stage (per AJCC 5th - 7th Ed.)
<b>Supporting Definition:</b>	Only select pT4 if not able to select pT4a or pT4b.
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = pTX 1 = pT0 2 = pTis 3 = pT1 4 = pT2 5 = pT3 6 = pT4 7=pT4a 8=pT4b 999 = Unknown
<b>Variable ID:</b>	TNMPN
<b>Variable:</b>	Pathological nodal stage
<b>Definition:</b>	Pathological nodal stage (per AJCC 5th - 7th Ed.)
<b>Supporting Definition:</b>	Only select pN1 or pN2 if not able to select pN1a-c or pN2a-b.
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical

<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = pNX 1 = pNo 2 = pN1 3=pN1a 4=pN1b 5=pN1c 3 = pN2 4=pN2a 5=pN2b 999 = Unknown
<b>Variable ID:</b>	TNMPM
<b>Variable:</b>	Pathological distant metastasis
<b>Definition:</b>	Pathological distant metastasis (per AJCC 5th - 7th Ed.)
<b>Supporting Definition:</b>	Only select pM1 if not able to select pM1a or pM1b.
<b>Inclusion Criteria:</b>	If the patient received surgery or biopsy
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = pMx 1 = pMo 2 = pM1 3=pM1a 4=pM1b 999 = Unknown
<b>Variable ID:</b>	LYMPHNR
<b>Variable:</b>	Lymph nodes resected
<b>Definition:</b>	Number of lymph nodes resected:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Numerical value; Please enter "999" if number of resected lymph nodes is unknown.
<b>Response Options:</b>	N/A
<b>Variable ID:</b>	LYMPHINV
<b>Variable:</b>	Lymph nodes involved
<b>Definition:</b>	Number of lymph nodes involved:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Numerical value; Please enter "999" if number of involved lymph nodes is unknown.
<b>Response Options:</b>	N/A
<b>Variable ID:</b>	LYMPHVASC
<b>Variable:</b>	Lymphovascular invasion
<b>Definition:</b>	Presence of lymphovascular invasion of the tumor: (select all that apply)
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Multiple answer
<b>Response Options:</b>	0 = Not detected 1 = Extramural venous invasion 2 = Lymph invasion 3 = Intramural venous invasion

	999 = Unknown
<b>Variable ID:</b>	PERINEURINV
<b>Variable:</b>	Perineural invasion
<b>Definition:</b>	Presence of perineural invasion in resected tumor specimen:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	COMPLETE
<b>Variable:</b>	Completeness of surgical resection
<b>Definition:</b>	Indicate completeness of surgical excision of the primary tumor according to TNM:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0=R0 - complete resection with all margins histologically uninvolved 1=R1 - microscopic surgical resection margin involvement 2=R2 - macroscopic residual tumor 999=unknown

## Baseline Treatment Factors

<b>Variable ID:</b>	URGENCY
<b>Variable:</b>	Urgency of procedure
<b>Definition:</b>	Urgency of the procedure
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Elective (operation at a time to suit both patient and surgeon e.g. after an elective admission) 1 = Scheduled (an early operation but not immediately life-saving. Operation usually within 3 weeks ) 2= Urgent (As soon as possible after resuscitation and usually within 24 hours) 3 = Emergency (Immediate and life-saving operation, resuscitation simultaneous with surgical treatment) 999 = Unknown
<b>Variable ID:</b>	PERF
<b>Variable:</b>	Bowel perforation
<b>Definition:</b>	Presence of perforation of the bowel at the site of the tumor:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If the patient received surgery
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	CURA
<b>Variable:</b>	Treatment intent
<b>Definition:</b>	Indicate intent of treatment:

---

<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0=Curative, 1=Curative - gross resection of stage IV disease, 2=Palliative due to metastasis, 3=Palliative due to invasion, 999=Unknown

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## Treatment Variables

## Treatment Variables

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<b>Variable ID:</b>	TREATMENT
<b>Variable:</b>	Treatment
<b>Definition:</b>	Indicate whether the patient received one of the following treatment during the last year: (select all that apply)
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Multiple answer
<b>Response Options:</b>	0 = No treatment 1 = Surgery 2 = Radiotherapy 3 = Chemotherapy 4 = Targeted therapy 5 = Best supportive care 999 = Unknown

---

<b>Variable ID:</b>	SURGERY
<b>Variable:</b>	Surgery
<b>Definition:</b>	Indicate whether the patient received surgery during the last year:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "surgery" on treatment [TREATMENT]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = Hemicolectomy right 2 = Extended colectomy right 3 = Transverse resection 4 = Hemicolectomy left 5 = Subtotal colectomy 6 = Total colectomy 7= Sigmoid resection 8 = Anterior resection 9= Low anterior resection (LAR) 10 = Abdomino-perineal resection (APR) 11= Proctectomy with coloanal 12 = Other 999 = Unknown

---

<b>Variable ID:</b>	SURGERYPROC
<b>Variable:</b>	Surgical procedure method
<b>Definition:</b>	Indicate the method of the surgical procedure:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If yes answered "yes" on surgery [SURGERY]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Endoscopic (for colon tumors) 2 = Transabdominal open 3 = Transabdominal minimally invasive (laparoscopic/robotic) 4 = Transanal open 5 = Transanal endoscopic (TEMS/SPTS)/minimally invasive (TAMIS) 6 = Other 999 = Unknown

---

<b>Variable ID:</b>	SURGERYDATE
<b>Variable:</b>	Surgery date
<b>Definition:</b>	Provide the date of surgery:

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<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If yes answered "yes" on surgery [SURGERY]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	RADIOTX
<b>Variable:</b>	Radiotherapy
<b>Definition:</b>	Indicate whether the patient received radiotherapy during the last year
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "radiotherapy" on treatment [TREATMENT]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = Neoadjuvant 2 = Adjuvant 3 = Definitive 999 = Unknown
<b>Variable ID:</b>	RADIOTXTYPE
<b>Variable:</b>	Radiotherapy type
<b>Definition:</b>	Indicate what type of radiotherapy:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on radiotherapy [RADIOTX]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Multiple answer
<b>Response Options:</b>	0 = Short course 1 = Long course without chemotherapy 2 = Long course chemoradiation 3 = Brachytherapy 4 = Intraoperative radiation therapy (ORT) 5 = Other 999 = Unknown
<b>Variable ID:</b>	RADIOTXSTARTDATE
<b>Variable:</b>	Start of radiotherapy
<b>Definition:</b>	Provide the start date of radiotherapy:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on radiotherapy [RADIOTX]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	RADIOTXSTOPDATE
<b>Variable:</b>	End of radiotherapy
<b>Definition:</b>	Provide the stop date of radiotherapy:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on radiotherapy [RADIOTX]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	CHEMOTX
<b>Variable:</b>	Chemotherapy
<b>Definition:</b>	Indicate whether the patient received chemotherapy during the last year:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "chemotherapy" on treatment [TREATMENT]
<b>Timing:</b>	6 months, update at least annually up to 10 years



<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = Neoadjuvant 2 = Adjuvant 3 = Definitive 999 = Unknown
<b>Variable ID:</b>	CHEMOTXTYPE
<b>Variable:</b>	Type of chemotherapy
<b>Definition:</b>	Indicate what type of chemotherapy:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "chemotherapy" on treatment
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = FOLFOX regimen 1 = Capecitabine/oxaliplatin 2 = Capecitabine 3 = 5-FU/leucovorin 4 = 5-FU 5 = Irinotecan 6 = FOLFIRI 7 = FOLFOXIRI 8 = Uracil-tegafur (UFT)/leucovorin 9 = Lonsurf (trifluridine and tipiracil) 10 = Other 999 = Unknown
<b>Variable ID:</b>	CHEMOTXSTARTDATE
<b>Variable:</b>	Start of chemotherapy
<b>Definition:</b>	Provide the start date of chemotherapy:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "chemotherapy" on treatment
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	CHEMOTXSTOPDATE
<b>Variable:</b>	End of chemotherapy
<b>Definition:</b>	Provide the stop date of chemotherapy, if applicable:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "chemotherapy" on treatment
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	TARGETTX
<b>Variable:</b>	Targeted therapy
<b>Definition:</b>	Indicate whether the patient received targeted therapy during the last year:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "targeted therapy" on treatment [TREATMENT]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	1 = Cetuximab 2 = Bevacizumab 3 = Panitumumab 4 = Ramicurimab 5 = Aflibercept

6 = Regorafenib

7 = Other

999 = Unknown

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<b>Variable ID:</b>	TARGETTXSTARTDATE
<b>Variable:</b>	Start of targeted therapy
<b>Definition:</b>	Provide the start date of targeted therapy:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes on targeted therapy [TARGETTX]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY

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<b>Variable ID:</b>	TARGETTXSTOPDATE
<b>Variable:</b>	End of targeted therapy
<b>Definition:</b>	Provide the stop date of targeted therapy, if applicable:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes on targeted therapy [TARGETTX]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY

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## Outcomes

### Survival and Disease Control

<b>Variable ID:</b>	PCR
<b>Variable:</b>	Residual invasive cancer
<b>Definition:</b>	Indicate whether there is a complete response
<b>Supporting Definition:</b>	In case of pathologic evaluation: a pathologic complete response is defined as no evidence of residual invasive cancer of the complete resected specimen and all sampled regional lymph nodes. In case of diagnostic evaluation only: a clinical complete response is defined when there is no sign of tumor after all diagnostic tests (e.g. MRI/endoscopy)
<b>Inclusion Criteria:</b>	Only if patient received neo-adjuvant therapy for rectal cancer.
<b>Timing:</b>	Update at least 6 months after treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	CRM
<b>Variable:</b>	Circumferential margin
<b>Definition:</b>	Indicate whether there is evidence of circumferential margin involvement:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Only if the patient received surgery for rectal cancer.
<b>Timing:</b>	Update at least 6 months after treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Positive (<= 1mm) 1 = Negative (>1mm) 999 = Not reported
<b>Variable ID:</b>	RECUR
<b>Variable:</b>	Recurrence
<b>Definition:</b>	Indicate whether there is evidence of local, regional or distant recurrence.
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Only if the patient is treated with curative intent.
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Local recurrence 2 = Regional recurrence 3 = Distant recurrence 999 = Unknown
<b>Variable ID:</b>	RECURMETH
<b>Variable:</b>	Recurrence method
<b>Definition:</b>	Provide method of confirmation:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Only if answered "yes" on recurrence [RECUR]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Radiological diagnosis 1 = Histological diagnosis 2 = Radiological and histological diagnosis 999 = Unknown
<b>Variable ID:</b>	RECURDATE
<b>Variable:</b>	Recurrence date
<b>Definition:</b>	Provide the date of the recurrence:
<b>Supporting Definition:</b>	N/A

<b>Inclusion Criteria:</b>	Only if answered "yes" on recurrence [RECUR]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	PROGRESS
<b>Variable:</b>	Disease progression
<b>Definition:</b>	Indicate whether there is evidence of disease progression:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Only if the patient has advanced disease.
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	PROGRESSMETH
<b>Variable:</b>	Progression method
<b>Definition:</b>	Provide method of confirmation:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Only if answered "yes" on progression [PROGRESS]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Laboratory diagnosis 1 = Clinical diagnosis 2 = Radiological diagnosis 3 = Histological diagnosis 4 = Radiological and histological diagnosis 999 = Unknown
<b>Variable ID:</b>	PROGRESSDATE
<b>Variable:</b>	Progression date
<b>Definition:</b>	Provide the date of the progression:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Only if answered "yes" on progression [PROGRESS]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	DEATH
<b>Variable:</b>	Death
<b>Definition:</b>	Indicate whether the patient has died
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown
<b>Variable ID:</b>	DEATHDATE
<b>Variable:</b>	Date of death
<b>Definition:</b>	Provide the date of the death:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on patient died [DEATH]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical

<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY
<b>Variable ID:</b>	DEATHCRC
<b>Variable:</b>	Death attributable to colorectal cancer
<b>Definition:</b>	Indicate if death is attributable to colorectal cancer:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on patient died [DEATH]
<b>Timing:</b>	6 months, update at least annually up to 10 years
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown

## Disutility of Care

<b>Variable ID:</b>	STOMA
<b>Variable:</b>	Stoma
<b>Definition:</b>	Indicate whether the patient received a stoma (ileostomy/colostomy):
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Only if the patient received surgery.
<b>Timing:</b>	Updated at least 6 months, 1 and 2 year post treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Temporary 2 = Permanent 999 = Unknown

<b>Variable ID:</b>	STOMADATE
<b>Variable:</b>	Stoma date
<b>Definition:</b>	Provide the date of stoma surgery:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on stoma [STOMA]
<b>Timing:</b>	Updated at least 6 months, 1 and 2 year post treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY

<b>Variable ID:</b>	COMPLIMPACT
<b>Variable:</b>	Complications
<b>Definition:</b>	Indicate whether the patient experienced a complication while on treatment or up to 90 days after initiation of treatment (multiple answers possible):
<b>Supporting Definition:</b>	These response options are based on the Clavien-Dindo classification for surgical complications and the Common Terminology Criteria version 4 (CTCAE v4). To collect the most severe complications, grade 3 -5 of both classification systems are included in the Standard Set.
<b>Inclusion Criteria:</b>	Only if the patient received treatment.
<b>Timing:</b>	Updated at least 6 months after treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Multiple answer
<b>Response Options:</b>	0 = No complication 1 = Complication requiring intervention (surgical, radiological, endoscopic) 2 = Complication leading to prolonged hospitalization (>14days) 3 = Complication leading to unplanned readmission 4 = Complication leading to ICU admission 5 = Complication leading to discontinuing of treatment 6 = Complication leading to reduced dosing

7 = Complication leading to death  
 8 = Complication, but did not result in any of the abovementioned  
 999 = Unknown

---

<b>Variable ID:</b>	DEATHCRCCOMPL
<b>Variable:</b>	Date of death
<b>Definition:</b>	Provide the date of death:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "Complication leading to death" on experience of complication [COMPLIMPACT]
<b>Timing:</b>	Updated at least 6 months after treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Date by DD/MM/YYYY; Please enter "999" if date is unknown
<b>Response Options:</b>	DD/MM/YYYY

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<b>Variable ID:</b>	COMPLTX
<b>Variable:</b>	Complication attribute
<b>Definition:</b>	Indicate whether the complication is attributable to colorectal cancer treatment:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on experience of complication [COMPLIMPACT]
<b>Timing:</b>	Updated at least 6 months after treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = No 1 = Yes 999 = Unknown

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<b>Variable ID:</b>	COMPL
<b>Variable:</b>	Complication type
<b>Definition:</b>	Please indicate the type of complication:
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	If answered "yes" on complication attributable to colorectal cancer treatment [COMPLTX]
<b>Timing:</b>	Updated at least 6 months after treatment
<b>Reporting Source:</b>	Clinical
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Leakage 1 = Breakdown of anastomosis 2 = Wound infection 3 = Thromboembolic 4 = Hematoma 5 = Stoma related complications 6 = Skin desquamation 7 = Dysuria 8 = Dehydration 9 = Weight loss 10 = Febrile neuropathy 11 = Neutropenic sepsis 12 = Mucositis 13 = skin toxicity 14 = Neurotoxicity 999 = Unknown

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## Quality of Death

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<b>Variable ID:</b>	DEATHPLACE
<b>Variable:</b>	Place of death
<b>Definition:</b>	Indicate where patient died as indicated on certificate of death:
<b>Supporting Definition:</b>	N/A

---

**Inclusion Criteria:** If answered "yes" on patient died [DEATH]  
**Timing:** 6 months, update at least annually  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 1 = Home  
 2 = Hospital  
 3 = Nursing home/care home (including assisted living facilities)  
 4=other  
 999 = Unknown

**Variable ID:** DEATHHOSP  
**Variable:** Hospice  
**Definition:** Was patient cared by hospice at time of death?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** If answered "yes" on patient died [DEATH]  
**Timing:** 6 months, update at least annually  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 0=no, 1=yes, 999=unkown

**Variable ID:** DEATHPREF  
**Variable:** Preference of place of death  
**Definition:** Indicate whether the preference for place of death was documented (the most recent documented place of death)  
**Supporting Definition:** N/A  
**Inclusion Criteria:** If answered "yes" on patient died [DEATH]  
**Timing:** 6 months, update at least annually  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 0 = No  
 1 = Home  
 2 = Hospital  
 3 = Nursing home/care home (including assisted living facilities)  
 4=other  
 999 = Unknown

**Variable ID:** DEATHPLACEPREFDATE  
**Variable:** Date of documentation  
**Definition:** Provide the date of documentation:  
**Supporting Definition:** N/A  
**Inclusion Criteria:** If answered "yes" on patient died [DEATH]  
**Timing:** 6 months, update at least annually  
**Reporting Source:** Clinical  
**Type:** Date by DD/MM/YYYY; Please enter "999" if date is unknown  
**Response Options:** DD/MM/YYYY

**Variable ID:** HOSPITALADM  
**Variable:** Hospital admissions  
**Definition:** Indicate whether the patient was admitted to the hospital > 1 time in the last 30 days of life:  
**Supporting Definition:** Emergency visits should not be included.  
**Inclusion Criteria:** If answered "yes" on patient died [DEATH]  
**Timing:** 6 months, update at least annually  
**Reporting Source:** Clinical  
**Type:** Single answer  
**Response Options:** 0 = No  
 1 = Yes  
 999 = Unknown

## Degree of Health

**Variable ID:** EORTCQLQC3o\_Qo1  
**Variable:** Question 1 of EORTC-QLQ-C3o

<b>Definition:</b>	We are interested in some things about you and your health. Please answer all of the questions yourself by selecting the answer that best applies to you. There are no "right" or "wrong" answers. The information that you provide will remain strictly confidential. 1: Do you have any trouble doing strenuous activities, like carrying a heavy shopping bag or a suitcase?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q02
<b>Variable:</b>	Question 2 of EORTC-QLQ-C30
<b>Definition:</b>	2: Do you have any trouble taking a long walk?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q03
<b>Variable:</b>	Question 3 of EORTC-QLQ-C30
<b>Definition:</b>	3: Do you have any trouble taking a short walk outside of the house?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q04
<b>Variable:</b>	Question 4 of EORTC-QLQ-C30
<b>Definition:</b>	4: Do you need to stay in bed or a chair during the day?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Variable ID:</b>	EORTCQLQC30_Q05
<b>Variable:</b>	Question 5 of EORTC-QLQ-C30
<b>Definition:</b>	5: Do you need help with eating, dressing, washing yourself or using the toilet?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit



	3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Qo6
<b>Variable:</b>	Question 6 of EORTC-QLQ-C30
<b>Definition:</b>	During the past week: 6: Were you limited in doing either your work or other daily activities?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Qo7
<b>Variable:</b>	Question 7 of EORTC-QLQ-C30
<b>Definition:</b>	7: Were you limited in pursuing your hobbies or other leisure time activities?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Qo8
<b>Variable:</b>	Question 8 of EORTC-QLQ-C30
<b>Definition:</b>	8: Were you short of breath?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Qo9
<b>Variable:</b>	Question 9 of EORTC-QLQ-C30
<b>Definition:</b>	9: Have you had pain?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q10
<b>Variable:</b>	Question 10 of EORTC-QLQ-C30
<b>Definition:</b>	10: Did you need to rest?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported

<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q11
<b>Variable:</b>	Question 11 of EORTC-QLQ-C30
<b>Definition:</b>	11: Have you had trouble sleeping?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Variable ID:</b>	EORTCQLQC30_Q12
<b>Variable:</b>	Question 12 of EORTC-QLQ-C30
<b>Definition:</b>	12: Have you felt weak?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q13
<b>Variable:</b>	Question 13 of EORTC-QLQ-C30
<b>Definition:</b>	13: Have you lacked appetite?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q14
<b>Variable:</b>	Question 14 of EORTC-QLQ-C30
<b>Definition:</b>	14: Have you felt nauseated?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q15
<b>Variable:</b>	Question 15 of EORTC-QLQ-C30
<b>Definition:</b>	15: Have you vomited?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all

1 = A little  
2 = Quite a bit  
3 = Very much

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**Variable ID:** EORTCQLQC30\_Q16  
**Variable:** Question 16 of EORTC-QLQ-C30  
**Definition:** 16: Have you been constipated?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All patients  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
1 = A little  
2 = Quite a bit  
3 = Very much

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**Variable ID:** EORTCQLQC30\_Q17  
**Variable:** Question 17 of EORTC-QLQ-C30  
**Definition:** 17: Have you had diarrhea?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All patients  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
1 = A little  
2 = Quite a bit  
3 = Very much

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**Variable ID:** EORTCQLQC30\_Q18  
**Variable:** Question 18 of EORTC-QLQ-C30  
**Definition:** 18: Were you tired?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All patients  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported

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**Variable ID:** EORTCQLQC30\_Q19  
**Variable:** Question 19 of EORTC-QLQ-C30  
**Definition:** 19: Did pain interfere with your daily activities?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All patients  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
1 = A little  
2 = Quite a bit  
3 = Very much

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**Variable ID:** EORTCQLQC30\_Q20  
**Variable:** Question 20 of EORTC-QLQ-C30  
**Definition:** 20: Have you had difficulty in concentrating on things, like reading a newspaper or watching television?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** All patients  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
1 = A little

	2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q21
<b>Variable:</b>	Question 21 of EORTC-QLQ-C30
<b>Definition:</b>	21: Did you feel tense?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q22
<b>Variable:</b>	Question 22 of EORTC-QLQ-C30
<b>Definition:</b>	22: Did you worry?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q23
<b>Variable:</b>	Question 23 of EORTC-QLQ-C30
<b>Definition:</b>	23: Did you feel irritable?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q24
<b>Variable:</b>	Question 24 of EORTC-QLQ-C30
<b>Definition:</b>	24: Did you feel depressed?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q25
<b>Variable:</b>	Question 25 of EORTC-QLQ-C30
<b>Definition:</b>	25: Have you had difficulty remembering things?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported

<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q26
<b>Variable:</b>	Question 26 of EORTC-QLQ-C30
<b>Definition:</b>	26: Has your physical condition or medical treatment interfered with your family life?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q27
<b>Variable:</b>	Question 27 of EORTC-QLQ-C30
<b>Definition:</b>	27: Has your physical condition or medical treatment interfered with your social activities?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q28
<b>Variable:</b>	Question 28 of EORTC-QLQ-C30
<b>Definition:</b>	28: Has your physical condition or medical treatment caused you financial difficulties?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC30_Q29
<b>Variable:</b>	Question 29 of EORTC-QLQ-C30
<b>Definition:</b>	For the following questions please select the number between 1 and 7 that best applies to you 29: How would you rate your overall health during the past week?
<b>Supporting Definition:</b>	Range from 1 to 7, with 1 = Very poor and 7 =Excellent 1-7 denotes 1-7 correspondingly
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	Numerical value of 1 - 7
<b>Variable ID:</b>	EORTCQLQC30_Q30

<b>Variable:</b>	Question 30 of EORTC-QLQ-C30
<b>Definition:</b>	30: How would you rate your overall quality of life during the past week?
<b>Supporting Definition:</b>	Range from 1 to 7, with 1 = Very poor and 7 = Excellent 1-7 denotes 1-7 correspondingly
<b>Inclusion Criteria:</b>	All patients
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	Numerical value of 1 - 7
<b>Variable ID:</b>	EORTCQLQC29_Q31
<b>Variable:</b>	Question 31 of EORTCQLQC29_Q31
<b>Definition:</b>	Patient sometimes report that they have the following symptoms or problems. Please indicate the extent to which you have experienced these symptoms or problems during the past week. Please answer by circling the number that best applies to you. During the past week: 31: Did you urinate frequently during the day?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q32
<b>Variable:</b>	Question 32 of EORTCQLQC29_Q32
<b>Definition:</b>	32: Did you urinate frequently during the night?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Variable ID:</b>	EORTCQLQC29_Q33
<b>Variable:</b>	Question 33 of EORTCQLQC29_Q33
<b>Definition:</b>	33: Have you had any unintentional release (leakage) of urine?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q34
<b>Variable:</b>	Question 34 of EORTCQLQC29_Q34
<b>Definition:</b>	34: Did you have pain when you urinated?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q35

<b>Variable:</b>	Question 35 of EORTCQLQC29_Q35
<b>Definition:</b>	35: Did you have abdominal pain?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q36
<b>Variable:</b>	Question 36 of EORTCQLQC29_Q36
<b>Definition:</b>	36: Did you have pain in your buttocks/anal area/rectum?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q37
<b>Variable:</b>	Question 37 of EORTCQLQC29_Q37
<b>Definition:</b>	37: Did you have a bloated feeling in your abdomen?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q38
<b>Variable:</b>	Question 38 of EORTCQLQC29_Q38
<b>Definition:</b>	38: Have you had blood in your stools?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q39
<b>Variable:</b>	Question 39 of EORTCQLQC29_Q39
<b>Definition:</b>	39: Have you had mucus in your stools?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Variable ID:</b>	EORTCQLQC29_Q40
<b>Variable:</b>	Question 40 of EORTCQLQC29_Q40
<b>Definition:</b>	40: Did you have a dry mouth?

<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q41
<b>Variable:</b>	Question 41 of EORTCQLQC29_Q41
<b>Definition:</b>	41: Have you lost your hair as a result of your treatment?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q42
<b>Variable:</b>	Question 42 of EORTCQLQC29_Q42
<b>Definition:</b>	42: have you had problems with your sense of taste?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q43
<b>Variable:</b>	Question 43 of EORTCQLQC29_Q43
<b>Definition:</b>	43: Were you worried about your health in the future?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q44
<b>Variable:</b>	Question 44 of EORTCQLQC29_Q44
<b>Definition:</b>	44: Have you worried about your weight?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much



<b>Variable ID:</b>	EORTCQLQC29_Q45
<b>Variable:</b>	Question 45 of EORTCQLQC29_Q45
<b>Definition:</b>	45: Have you felt physically less attractive as a result of your disease or treatment?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q46
<b>Variable:</b>	Question 46 of EORTCQLQC29_Q46
<b>Definition:</b>	46: Have you been feeling less feminine/masculine as a result of your disease or treatment?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Variable ID:</b>	EORTCQLQC29_Q47
<b>Variable:</b>	Question 47 of EORTCQLQC29_Q47
<b>Definition:</b>	47: Have you been dissatisfied with your body?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q48
<b>Variable:</b>	Question 48 of EORTCQLQC29_Q48
<b>Definition:</b>	48: Do you have a stoma bag (colostomy/ileostomy) (please circle the correct answer)
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Yes 1 = No
<b>Variable ID:</b>	EORTCQLQC29_Q49
<b>Variable:</b>	Question 49 of EORTCQLQC29_Q49_STOMA
<b>Definition:</b>	Answer these question ONLY IF YOU HAVE A STOMA BAG: 49: Have you had unintentional release of gas/flatulence from your stoma bag?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q50

<b>Variable:</b>	Question 50 of EORTCQLQC29_Q50_STOMA
<b>Definition:</b>	Answer these question ONLY IF YOU HAVE A STOMA BAG: 50: Have you had leakage of stools from your stoma bag?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q51
<b>Variable:</b>	Question 51 of EORTCQLQC29_Q51_STOMA
<b>Definition:</b>	Answer these question ONLY IF YOU HAVE A STOMA BAG: 51: Have you had sore skin around your stoma?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q52
<b>Variable:</b>	Question 52 of EORTCQLQC29_Q52_STOMA
<b>Definition:</b>	Answer these question ONLY IF YOU HAVE A STOMA BAG: 52: Did you frequent bag changes occur during the day?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q53
<b>Variable:</b>	Question 53 of EORTCQLQC29_Q53_STOMA
<b>Definition:</b>	Answer these question ONLY IF YOU HAVE A STOMA BAG: 53: Did frequent bag changes occur during the night?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q54
<b>Variable:</b>	Question 54 of EORTCQLQC29_Q54_STOMA
<b>Definition:</b>	Answer these question ONLY IF YOU HAVE A STOMA BAG: 54: Did you feel embarrassed because of your stoma?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy

**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
 1 = A little  
 2 = Quite a bit  
 3 = Very much

**Variable ID:** EORTCQLQC29\_Q55  
**Variable:** Question 55 of EORTCQLQC29\_Q55\_STOMA  
**Definition:** Answer these question ONLY IF YOU HAVE A STOMA BAG:  
 55: Did you have problems caring for your stoma?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** Patients with surgery/radiotherapy  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
 1 = A little  
 2 = Quite a bit  
 3 = Very much

**Variable ID:** EORTCQLQC29\_Q49  
**Variable:** Question 49 of EORTCQLQC29\_Q49  
**Definition:** Answer these question ONLY IF YOU DO NOT HAVE A STOMA BAG:  
 49: Have you had unintentional release of gas/flatulence from your back passage?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** Patients with surgery/radiotherapy  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
 1 = A little  
 2 = Quite a bit  
 3 = Very much

**Variable ID:** EORTCQLQC29\_Q50  
**Variable:** Question 50 of EORTCQLQC29\_Q50  
**Definition:** Answer these question ONLY IF YOU DO NOT HAVE A STOMA BAG:  
 50: Have you had leakage of stools from your back passage?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** Patients with surgery/radiotherapy  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
 1 = A little  
 2 = Quite a bit  
 3 = Very much

**Variable ID:** EORTCQLQC29\_Q51  
**Variable:** Question 51 of EORTCQLQC29\_Q51  
**Definition:** Answer these question ONLY IF YOU DO NOT HAVE A STOMA BAG:  
 51: Have you had sore skin around your anal area?  
**Supporting Definition:** N/A  
**Inclusion Criteria:** Patients with surgery/radiotherapy  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Not at all  
 1 = A little

2 = Quite a bit

3 = Very much

<b>Variable ID:</b>	EORTCQLQC29_Q52
<b>Variable:</b>	Question 52 of EORTCQLQC29_Q52
<b>Definition:</b>	Answer these question ONLY IF YOU DO NOT HAVE A STOMA BAG: 52: Did frequent bowel movements occur during the day?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q53
<b>Variable:</b>	Question 53 of EORTCQLQC29_Q53
<b>Definition:</b>	Answer these question ONLY IF YOU DO NOT HAVE A STOMA BAG: 53: Did frequent bowel movements occur during the night?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q54
<b>Variable:</b>	Question 54 of EORTCQLQC29_Q54
<b>Definition:</b>	Answer these question ONLY IF YOU DO NOT HAVE A STOMA BAG: 54: Did you feel embarrassed because of your bowel movement?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q56
<b>Variable:</b>	Question 54 of EORTCQLQC29_Q56
<b>Definition:</b>	During the past 4 weeks: For men only: 56: To what extent were you interested in sex?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q57
<b>Variable:</b>	Question 54 of EORTCQLQC29_Q57
<b>Definition:</b>	During the past 4 weeks: For men only:

	57: Did you have difficulty getting or maintaining an erection?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q58
<b>Variable:</b>	Question 54 of EORTCQLQC29_Q58
<b>Definition:</b>	During the past 4 weeks: For women only: 58: To what extent were you interested in sex?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	EORTCQLQC29_Q59
<b>Variable:</b>	Question 54 of EORTCQLQC29_Q59
<b>Definition:</b>	During the past 4 weeks: For women only: 59: Did you have pain or discomfort during intercourse?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Not at all 1 = A little 2 = Quite a bit 3 = Very much
<b>Variable ID:</b>	MSKCC_Q01
<b>Variable:</b>	Question 1 of MSKCC_Q01
<b>Definition:</b>	Over the last 4 weeks 1: Do certain solid foods increase the number of bowel movements in a day?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years
<b>Reporting Source:</b>	Patient-reported
<b>Type:</b>	Single answer
<b>Response Options:</b>	0 = Always 1 = Most of the time 2 = Sometimes 3 = Rarely 4 = Never
<b>Variable ID:</b>	MSKCC_Q02
<b>Variable:</b>	Question 2 of MSKCC_Q02
<b>Definition:</b>	2: Do certain liquids that you drink increase the number of bowel movements in a day?
<b>Supporting Definition:</b>	N/A
<b>Inclusion Criteria:</b>	Patients with surgery/radiotherapy
<b>Timing:</b>	Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years

**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Always  
1 = Most of the time  
2 = Sometimes  
3 = Rarely  
4 = Never

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**Variable ID:** MSKCC\_Q03  
**Variable:** Question 3 of MSKCC\_Q03  
**Definition:** 3: Have you limited the types of solid foods you eat to control your bowel movements?

**Supporting Definition:** N/A  
**Inclusion Criteria:** Patients with surgery/radiotherapy  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Always  
1 = Most of the time  
2 = Sometimes  
3 = Rarely  
4 = Never

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**Variable ID:** MSKCC\_Q04  
**Variable:** Question 4 of MSKCC\_Q04  
**Definition:** 4: Have you limited the types of liquids you drink to control your bowel movements?

**Supporting Definition:** N/A  
**Inclusion Criteria:** Patients with surgery/radiotherapy  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 0 = Always  
1 = Most of the time  
2 = Sometimes  
3 = Rarely  
4 = Never

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**Variable ID:** EORTCQLQLM21\_Q01  
**Variable:** Question 1 of EORTCQLQLM21  
**Definition:** Please indicate the extent to which you have experienced the following symptom during the past week. During the past week:  
1: Have you had tingling hands or feet?

**Supporting Definition:** N/A  
**Inclusion Criteria:** Patients with systemic therapy  
**Timing:** Baseline, 6 months, 1 year post treatment, tracked annually up to 10 years  
**Reporting Source:** Patient-reported  
**Type:** Single answer  
**Response Options:** 5 = Not at all  
1 = A little  
2 = Quite a bit  
3 = Very much

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## ICHOM Contact Information

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## Reference Guide Revisions

Reference Guide Version	Location within Reference Guide	Content Change
1.0.1	Contact Information	Removed inactive email address: <a href="mailto:ichomteam@ichom.org">ichomteam@ichom.org</a>
1.1.0	Data Dictionary	Corrected supporting definition for variables 'EORTCQLQC30_Q29' and 'EORTCQLQC30_Q30'
1.1.1	Data Dictionary	Corrected response options for EORTC questionnaires
1.1.2	Collecting Patient-Reported Outcome Measures	Corrected typo in title for EORTC QLQ-LMC21 questionnaire



## Notes

