

RECTAL MEASURE SPECIFICATIONS

Cancer Programs Practice Profile Reports (CP³R) Rapid Quality Reporting System (RQRS)

Introduction

The Commission on Cancer's (CoC) National Cancer Data Base (NCDB) staff has undertaken an effort to improve the transparency with which the measures in the CP³R and RQRS reporting systems are calculated. To this end, a definitive list of cancer registry data items used in the evaluation of each measure, the selection criteria used to identify cases in the denominator of each measure, and the logic used to distinguish between concordant and non-concordant cases are presented in easy-to-read tables. Finally, a flow-diagram illustrating the steps as each case is evaluated for consideration and assessment in a measure is provided.

Measure Definitions

This document provides specifications for the following measure:

Measure	Measure Abbreviation	Measure Type
Radiation therapy is considered or administered within 6 months (180 days) of diagnosis for patients under the age of 80 with clinical or pathologic AJCC T4N0M0 or Stage III receiving surgical resection for rectal cancer.	AdjRT	Surveillance

For each measure, three tables and a flow-diagram are provided:

- The Measure Item List table listing each cancer registry data item used in the assessment of the indicated measure. This includes the FORDS (<http://www.facs.org/cancer/coc/fords/fords-manual-2013.pdf>) data item name, the North American Association of Central Cancer Registry (NAACCR) item number, and a brief description of each item.
- The *Case Eligibility Criteria* table itemizes the steps taken to determine whether cases belong in the measure denominator for cases diagnosed 2010 and later. Each condition is described and is accompanied by the data item and code values used in the assessment.
- The *Numerator Criteria* table illustrates how cases are assessed to determine whether they qualify for the numerator of the measure, i.e. are concordant.
- A flow-diagram is provided to illustrate the steps through which cases pass as they are evaluated for the indicated measure. The number appearing in each flow-diagram element corresponds to the assessment criteria appearing in the *Case Eligibility Criteria* and *Numerator Criteria* tables.



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Measure Item List		
FORDS Data Item	NAACCR #	Description
Primary Site	400	Organ of origin of the cancer
Age at Diagnosis	230	Age of patient at diagnosis
Sequence Number	560	Sequence of malignant and nonmalignant neoplasms over the lifetime of the patient
Histology	522	Microscopic or cellular anatomy of the cancer
Behavior Code	523	Neoplastic behavior of the cancer
Class of Case	610	Indicates the reporting facility's role in managing the cancer
Clinical M	960	AJCC Clinical M
Pathologic M	900	AJCC Pathologic M
Clinical Stage Group	970	AJCC Clinical Stage Group
Pathologic Stage Group	910	AJCC Pathologic Stage Group
Surgical Procedure of the Primary Site	1290	Surgical procedure performed on the primary site of the cancer
Date of Initial Diagnosis	390	Date of initial diagnosis of cancer by a physician
Date of Last Contact or Death	1750	Date of last contact with the patient, or date of patient death
Vital Status	1760	Vital status of the patient, as of the date of last contact or death
Clinical T	940	AJCC Clinical T
Clinical N	950	AJCC Clinical N
Pathologic T	880	AJCC Pathologic T
Pathologic N	890	AJCC Pathologic N
Radiation Treatment Modality	1570	Dominant modality of radiation therapy, at the reporting facility and all other facilities
Reason for No Radiation	1430	Reason for no regional radiation therapy,

		at the reporting facility and all other facilities
Date of Radiation Started	1210	Date of initiation of radiation

Case Eligibility Criteria			
Diagram Reference	Assessment	FORDS Item	FORDS Codes
1	Diagnosis of rectal cancer	Primary Site	C209
2	Adult patient under the age of 80 at diagnosis	Age at Diagnosis	018-079
3	First or only diagnosis of malignant or non-malignant neoplasm	Sequence Number	00 or 01
4	Epithelial tumors which can be staged, according to the AJCC 7 th Ed.	Histology	8000-8152, 8154-8231, 8243-8245, 8247-8248, 8250-8576, 8940-8950, 8980-8981
5	Invasive tumors	Behavior Code	3
6	Clinical or pathologic evidence of in situ disease (exclude)	Clinical Stage Group	≠ 0
		Pathologic Stage Group	≠ 0
7	Clinical or pathologic evidence of metastatic disease (exclude)	Clinical Stage Group	≠ 4, 4A, 4B
		Pathologic Stage Group	≠ 4, 4A, 4B
		Clinical M	≠ 1, 1A, 1B
		Pathologic M	≠ 1, 1A, 1B
8	All or part of the first course of treatment was performed at the reporting facility	Class of Case	10-22
9	Surgically treated	Surgical Procedure of the Primary Site	30 - 90
10	Patient reported living within the treatment timeframe period of 180 days from date of diagnosis	Date of Initial Diagnosis	# Elapsed days > 180
		Date of Last Contact or Death	OR
		Vital Status	# Elapsed days ≤ 180 AND Vital Status = 1
11	AJCC T4N0M0 tumor OR AJCC Stage III tumor	Clinical T	4A, 4B
		Clinical N	0
		OR	
		Pathologic T	4A, 4B
		Pathologic N	0
		OR	
		Clinical T	1, 2, 3, 4A, 4B

		Clinical N	1, 2
		<i>OR</i>	
		Pathologic T	1, 2, 3, 4A, 4B
		Pathologic N	1, 2

Numerator Criteria			
Diagram Reference	Assessment	FORDS Item	FORDS Codes
12	Radiation Administered within 180 days following Diagnosis	Regional Treatment Modality	20-32, 40-43, 50-55, 60-62, 98 AND # Elapsed days ≤ 180
		Date of Initial Diagnosis	
		Date of Radiation Started	
	<i>OR</i>		
	Radiation Considered/Recommended, but not Administered	Reason for No Radiation	2, 5, 6, 7



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