

# Data Quality Indicator (EMR/SAR Comparison) – Accuro EMR

Here is the formula to generate the colorectal screening rate using data from your EMR:

$$\% \text{ patients up to date for colorectal screening} = \frac{\text{Screened patients}}{\text{Eligible patients} - \text{Excluded patients}}$$

You will need to create and then run 3 queries – please find below the criteria for each query.

**Note:** The query for screened patients or excluded patients does not include the Colorectal Cancer Exclusion Code of Q142, as it is used for both tracking of Colonoscopies and Flexible Sigmoidoscopies, as well as exclusions due to cancer.

## 1. Colorectal Cancer Screening – Eligible patients

Criteria breakdown:

- patient enrolled to providers (the physicians of the SARs you are comparing against)
- age between 50 and 74
- not deceased

Query breakdown:

Category	Rule	Constraint
Demographics	Enrolled Provider	= individual physicians, or selection, or all
	Age	Between 50 Years and 74 Years
	Deceased	= False

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### 2. Colorectal Cancer Screening – Screened patients

Criteria breakdown:

- patient enrolled to providers (the physicians of the SARs you are comparing against)
- age between 50 and 74
- not deceased
- FOBT in the last 2 years, Flexible Sigmoidoscopy in the last 5 years, or Colonoscopy in the last 10 years <sup>1</sup>

Query breakdown:

Category	Rule	Constraint
Demographics	Enrolled Provider	= individual physicians, or selection, or all
	Age	Between 50 Years and 74 Years
	Deceased	= False
Billing	Billing Procedure Code	= 'Q133'
	Bill Date	In the Last 2 Years
EMR / Labs	This depends how your FHT is documenting FOBTs completed, whether through a custom medical history (band) or through Lab Results. Create the rule and apply constraints accordingly.	
	Date	In the Last 2 Years
EMR / Documents	This depends how your FHT is documenting Flexible Sigmoidoscopies and Colonoscopies completed, whether through a custom medical history (band), or through surgical reports in Documents. Create the rule and apply constraints accordingly.	
	Date	In the Last 5 or 10 Years

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### 3. Colorectal Cancer Screening – Excluded patients

Criteria breakdown:

- patient enrolled to providers (the physicians of the SARs you are comparing against)
- age between 50 and 74
- not deceased
- history of Colon Cancer or have had a Colectomy <sup>1</sup>

Query breakdown:

Category	Rule	Constraint
Demographics	Enrolled Provider	= individual physicians, or selection, or all
	Age	Between 50 Years and 74 Years
	Deceased	= False
EMR	Diagnosis Code	Starts With '153'
	This depends how your FHT is documenting history of Colon Cancer, whether through the Diagnosis Code of '153', in the Surgical/Medical history band, Lifestyles band, Family History band, custom bands, etc. Create the rule and apply constraints accordingly.	
EMR / Documents	This depends how your FHT is documenting Colectomy completed, whether through a custom medical history (band), or through surgical reports in Documents. Create the rule and apply constraints accordingly.	