



## CORI v4.2.3.0 Query Manual

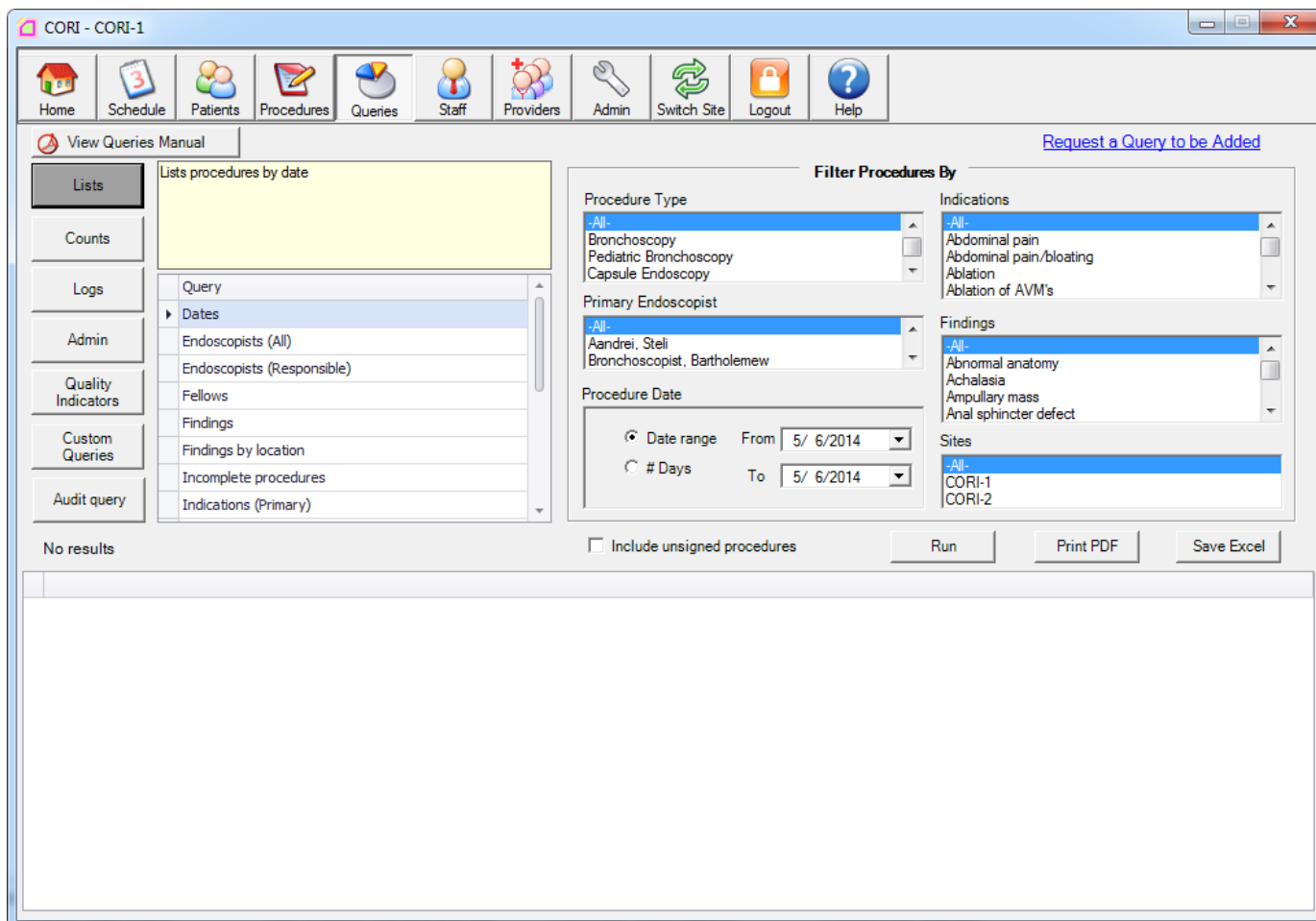
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## CORI's Queries page

Here is CORI's default Queries screen:

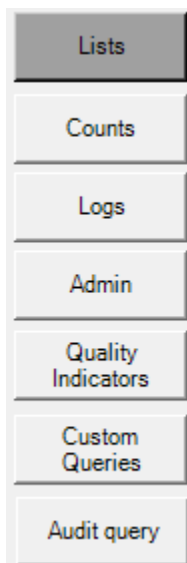


The screenshot shows the CORI v4's Queries Page interface. The window title is "CORI - CORI-1". The top navigation bar includes icons for Home, Schedule, Patients, Procedures, Queries, Staff, Providers, Admin, Switch Site, Logout, and Help. Below the navigation bar is a "View Queries Manual" tab and a "Request a Query to be Added" link. The main area is divided into a left sidebar with buttons for Lists, Counts, Logs, Admin, Quality Indicators, Custom Queries, and Audit query. The "Lists" section is active, showing a list of queries: Dates, Endoscopists (All), Endoscopists (Responsible), Fellows, Findings, Findings by location, Incomplete procedures, and Indications (Primary). The "Filter Procedures By" section on the right includes dropdown menus for Procedure Type (All, Bronchoscopy, Pediatric Bronchoscopy, Capsule Endoscopy), Primary Endoscopist (All, Andrei, Steli, Bronchoscopist, Bartholemew), Procedure Date (Date range or # Days, From/To dates), Indications (All, Abdominal pain, Abdominal pain/bloating, Ablation, Ablation of AVM's), Findings (All, Abnormal anatomy, Achalasia, Ampullary mass, Anal sphincter defect), and Sites (All, CORI-1, CORI-2). At the bottom, there are buttons for "Run", "Print PDF", and "Save Excel", along with a checkbox for "Include unsigned procedures".

(Screen shot of CORI v4's Queries Page)

CORI's Query Page can be broken down into the following 3 sections:

**Query Section:** Selecting one of these options will display different queries in the Query List.



The Query Section

**Query List and Description:** Here you will find a list of Queries from each section, and a description of the selected query.

Lists procedures by date	
Query	
▶ Dates	
Endoscopists (All)	
Endoscopists (Responsible)	
Fellows	
Findings	
Findings by location	
Incomplete procedures	
Indications (Primary)	

The query list and description

**Filter Procedures By:** Here CORI lists the various filtering options you can apply to each query. This allows you to focus a query on the relevant information you are looking for.

Filter Procedures By	
<b>Procedure Type</b>	<b>Indications</b>
<input type="radio"/> -All- Bronchoscopy Pediatric Bronchoscopy Capsule Endoscopy	<input type="radio"/> -All- Abdominal pain Abdominal pain / bloating Ablation Ablation of AVM
<b>Primary Endoscopist</b>	<b>Findings</b>
<input type="radio"/> -All- Cori, Corey Fellow, Thisisa	<input type="radio"/> -All- Abnormal anatomy Achalasia Ampullary mass Anal sphincter defect
<b>Procedure Date</b>	<b>Sites</b>
<input checked="" type="radio"/> Date range    From <input type="text" value="11/28/2012"/>	<input type="radio"/> -All- CORI-1 CORI-2
<input type="radio"/> # Days        To <input type="text" value="11/28/2012"/>	

The Query filter screen

## Query use Walkthrough

Here is a quick walkthrough for running a query in CORI v4.

- Start by selecting **Counts** in the query section.

Lists	Counts procedures by ASA classification
<b>Counts</b>	
Logs	Query
Admin	▶ ASA classification
Quality Indicators	Endoscopists (All)
Custom Queries	Endoscopists (Responsible)
Audit query	Fellows
	Findings
	Findings by primary indication
	Incomplete procedures
	Indications (All)

- Then select **Findings** from the query list.

Lists	Counts procedures by finding. A procedure will be counted more than once if more than one finding is documented for the procedure.
<b>Counts</b>	
Logs	Query
Admin	ASA classification
Quality Indicators	Endoscopists (All)
Custom Queries	Endoscopists (Responsible)
Audit query	Fellows
	▶ Findings
	Findings by primary indication
	Incomplete procedures
	Indications (All)

- To set up a count for Colonoscopy Findings. Set the query's **filters**, selecting **Colonoscopy** for the **Procedure Type**, **Cori, Corey** as the **Primary Endoscopist**, and all for **Indications**, **Findings**, and **Sites**.

**Filter Procedures By**

<p><b>Procedure Type</b></p> <ul style="list-style-type: none"> <li>Capsule Endoscopy</li> <li>Pediatric Capsule Endoscopy</li> <li style="background-color: #e0e0e0;">Colonoscopy</li> <li>Pediatric Colonoscopy</li> </ul> <p><b>Primary Endoscopist</b></p> <ul style="list-style-type: none"> <li>-All-</li> <li>Aandrei, Steli</li> <li style="background-color: #e0e0e0;">Cor, Corey</li> </ul> <p><b>Procedure Date</b></p> <p> <input type="radio"/> Date range      Last <input type="text" value="365"/> days  <input checked="" type="radio"/> # Days             </p>	<p><b>Indications</b></p> <ul style="list-style-type: none"> <li style="background-color: #e0e0e0;">-All-</li> <li>Abdominal pain</li> <li>Ablation of AVMs</li> <li>Abnormal imaging study</li> <li>Anemia</li> </ul> <p><b>Findings</b></p> <ul style="list-style-type: none"> <li style="background-color: #e0e0e0;">-All-</li> <li>Arteriovenous malformation (AVM)</li> <li>Cecal landmarks</li> <li>Diverticulosis</li> <li>Fissure/Fistula</li> </ul> <p><b>Sites</b></p> <ul style="list-style-type: none"> <li style="background-color: #e0e0e0;">-All-</li> <li>CORI-1</li> <li>CORI-2</li> </ul>
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- Then select the **Run** button.
- Here are the **results**:

Procedure type	Finding	Count
Colonoscopy	Anatomical deformity	3
Colonoscopy	Arteriovenous malformation (AVM)	2
Colonoscopy	Cecal landmarks	3
Colonoscopy	Diverticulosis	2
Colonoscopy	Fissure / Fistula	2
Colonoscopy	Hemorrhoids	1
Colonoscopy	Mucosal abnormality / Colitis / IBD	2
Colonoscopy	Nematodes	1
Colonoscopy	Normal	6
Colonoscopy	Other finding	3
Colonoscopy	Polyp	20



The final screen will look like this:

The screenshot shows the CORI - CORI-1 query interface. At the top is a navigation bar with icons for Home, Schedule, Patients, Procedures, Queries, Staff, Providers, Admin, Switch Site, Logout, and Help. Below this is a 'View Queries Manual' section with a 'Request a Query to be Added' link. The main area is divided into a left sidebar with menu items (Lists, Counts, Logs, Admin, Quality Indicators, Custom Queries, Audit query) and a central panel. The central panel has a 'Filter Procedures By' section with dropdown menus for Procedure Type, Indications, Primary Endoscopist, Findings, and Sites. It also includes a 'Procedure Date' section with radio buttons for 'Date range' and '# Days' (set to 999 days). Below the filters are buttons for 'Run', 'Print PDF', and 'Save Excel'. At the bottom, a table displays 36 results found, including columns for Procedure type, Finding, and Count.

Procedure type	Finding	Count
▶ Bronchoscopy	Endobronchial stenosis	1
Capsule Endoscopy	Mucosal abnormality	1
Colonoscopy	Anatomical deformity	3
Colonoscopy	Arteriovenous malformation (AVM)	2
Colonoscopy	Cecal landmarks	3
Colonoscopy	Diverticulosis	2
Colonoscopy	Fissure / Fistula	2
Colonoscopy	Hemorrhoids	1
Colonoscopy	Mucosal abnormality / Colitis / IBD	2
Colonoscopy	Nematodes	1
Colonoscopy	Normal	6
Colonoscopy	Other findings	2

## The Query Guide

This manual is designed as an all-in-one place for you to find information on the various queries contained in the CORI 4 application.

### Query Description Guide

This manual breaks down each query into these 3 categories:

- **Title:** The title of the query as it appears in CORI.
- **Description:** Describes the query's function.
- **Information Listed:** Lists what information is displayed by the query in detail.

## Admin

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### Admin > Duplicate patients (by IDs)

**Title:** Duplicate patients (by IDs)

**Description:** Lists possible duplicate patient records based on the same patient or national identifier

**Information Listed**

- Last name – Patient's last name
- First name – Patient's first name
- Middle name – Patient's middle name
- DOB – Date of birth
- Patient ID – Patient's Patient ID or other local identifier

### Admin > Duplicate patients (by last name and DOB)

**Title:** Duplicate patients (by last name and DOB)

**Description:** Lists possible duplicate patient records based on the same last name and date of birth

**Information Listed**

- Last name – Patient's last name
- First name – Patient's first name
- Middle name – Patient's middle name
- DOB – Date of birth
- Patient ID – Patient's Patient ID or other local identifier

### Admin > Duplicate staff records

**Title:** Duplicate staff records

**Description:** Lists possible duplicate staff records based on same last name

**Information Listed**

- Staff – Staff member (last, first names)

### Admin > Patients without procedures

**Title:** Patients without procedures

**Description:** Lists patients with no procedures listed.

**Information Listed**

Patient – Patient’s name (last, first); *include only if no procedures have been created*

DOB – Date of birth of patient

Patient ID – Patient’s Patient ID or other local identifier

**Admin > Unsigned procedures**

**Title:** Unsigned procedures

**Description:** Lists procedures which have not been signed by the attending physician

**Information Listed**

Endoscopist – Responsible endoscopist

Date – Date of the procedure

Patient – Patient’s name (last, first)

Patient ID – Patient’s Patient ID or other local identifier

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

## Audit

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### Audit > Audit Report

**Title:** Audit Report

**Description:** Lists all actions taken in CORI v4 by users

**Information Listed**

Date – Date of action

Staff – Name of staff person (last, first)

Login name – User name of user

Patient - Patient's name (last, first) if applicable

MRN – Patient's MRN if applicable

DOB – Patient's date of birth if applicable

Procnum – Internal number used by CORI to identify procedure if applicable

Action – Action type taken such as query ran or procedure viewed

Details – Details of event, such as what type of search performed

Accessed Item – Whether a patient or procedure type record was accessed

Integrity check – If the log entry has been tampered

Current report – Link to the updated version of report

Prior report – Link to previous report before information was changed

## Lists

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### Lists > Dates

**Title:** Dates

**Description:** Lists procedures by date

**Information Listed**

Date – Date of the procedure

Patient – Patient's name (last, first)

Patient ID – Patient's Patient ID or other local identifier

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Endoscopist – Responsible endoscopist (last, first names)

Primary indication – Primary indication for procedure

### Lists > Endoscopists (All)

**Title:** Endoscopists (All)

**Description:** Lists procedures for all endoscopists (Attending, Fellow, PA, NP). A procedure may be listed more than once if more than one endoscopist is specified as procedure personnel.

**Information Listed**

Endoscopist – Person with endoscopist role (last, first names)

Date – Date of the procedure

Patient – Patient’s name (last, first)

Patient ID – Patient’s Patient ID or other local identifier

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Procedures – Procedure performed details, as a list

## **Lists > Endoscopist (Responsible)**

**Title:** Endoscopists (Responsible)

**Description:** This query lists procedures by the listed responsible endoscopist.

### **Information Listed**

Endoscopist – Responsible endoscopist (last, first names)

Date – Date of the procedure

Patient – Patient’s name (last, first)

Patient ID – Patient’s Patient ID or other local identifier

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Procedures – Procedure performed, as a list

## Lists > Fellows

**Title:** Fellows

**Description:** This query lists procedures performed by Fellows. A procedure may be listed more than once if more than one fellow is specified as procedure personnel.

### Information Listed

- Fellow – Fellow listed as procedure personnel (last, first names)
- Date – Date of procedure
- Patient – Patient’s name (last, first)
- Patient ID – Patient’s Patient ID or other local identifier
- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Procedures – Procedure performed, as a list
- Attendings – Attending physicians (last, first names) as a list

## Lists > Findings

**Title:** Findings

**Description:** Lists procedures by finding a procedure will be listed more than once if more than one finding is documented for the procedure.

### Information Listed

- Finding – Finding documented in procedure
- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Patient – Patient’s name (last, first)
- Patient ID – Patient’s Patient ID or other local identifier
- Date – Date of the procedure
- Endoscopist – Responsible endoscopist (last, first names)

## Lists > Findings by location

**Title:** Findings by location

**Description:** This query lists procedures by location and finding. A procedure will be listed more than once if more than one finding is documented for the procedure.

### Information Listed

- Location – Location of finding
- Finding – Finding documented in procedure
- Procedure type - Type of procedure documented (e.g. Colonoscopy or EGD)
- Patient – Patient’s name (last, first)
- Patient ID – Patient’s Patient ID or other local identifier
- Date – Date of the procedure
- Endoscopist - Responsible endoscopist (last, first names)

## Lists > Incomplete procedures

**Title:** Incomplete procedures

**Description:** This query lists procedures that were incomplete and the reasons for not being completed.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)  
 Patient – Patient’s name (last, first)  
 Patient ID – Patient’s Patient ID or other local identifier  
 Date – Date of the procedure  
 Endoscopist - Responsible endoscopist (last, first names)  
 Reasons – Reasons for incomplete procedure, as a list

## Lists > Indications (Primary)

**Title:** Indications (Primary)

**Description:** This query lists procedures by primary indication for a procedure type. A procedure will be listed more than once if more than one indication is documented for a procedure.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)  
 Primary indication – Primary indication for procedure  
 Patient – Patient’s name (last, first)  
 Patient ID – Patient’s Patient ID or other local identifier  
 Date – Date of the procedure  
 Endoscopist – Responsible endoscopist (last, first names)

## Lists > Overdue pathology 1

**Title:** Overdue pathology 1

**Description:** Lists procedures with specimens sent to pathology but with no results reported in 1 day.

### Information Listed

Date – Date of the procedure  
 Patient – Patient’s name (last, first)  
 Patient ID – Patient’s Patient ID or other local identifier  
 Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)  
 Endoscopist – Responsible endoscopist (last, first names)

## Lists > Overdue pathology 7

**Title:** Overdue pathology 7

**Description:** Lists procedures with specimens sent to pathology but with no results reported in 7 days.

### Information Listed

Date – Date of the procedure  
 Patient – Patient’s name (last, first)  
 Patient ID – Patient’s Patient ID or other local identifier  
 Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)  
 Endoscopist – Responsible endoscopist (last, first names)

## Lists > Pathology

**Title:** Pathology

**Description:** Lists procedures with specimens sent to pathology. In addition, reports whether results have been entered or are still pending.

**Information Listed**

- Date – Date of the procedure
- Received – Status of pathology results (pending or received)
- Patient – Patient’s name (last, first)
- Patient ID – Patient’s Patient ID or other local identifier
- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Endoscopist – Responsible endoscopist (last, first names)

## Lists > Pathology results

**Title:** Pathology results

**Description:** Lists procedures by pathology results. A procedure will be listed more than once if more than one pathology result is documented for the procedure.

**Information Listed**

- Finding – Finding documented in procedure
- Results – Results of pathology (*based on Results menu only*)
- Procedure type– Type of procedure documented (e.g. Colonoscopy or EGD)
- Patient – Patient’s name (last, first)
- Patient ID – Patient’s Patient ID or other local identifier
- Date – Date of the procedure
- Endoscopist – Responsible endoscopist (last, first names)

## Lists > Postprocedure events

**Title:** Postprocedure events

**Description:** Lists procedures with postprocedural events

**Information Listed**

- Procedure type– Type of procedure documented (e.g. Colonoscopy or EGD)
- Event type – Type of postprocedure event
- Event – More detail about event
- Patient – Patient’s name (last, first)
- Patient ID – Patient’s Patient ID or other local identifier
- Date – Date of the procedure
- Endoscopist – Responsible endoscopist (last, first names)

## Lists > Procedure type

**Title:** Procedure type

**Description:** Lists procedures by procedure type

**Information Listed**

- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Patient – Patient’s name (last, first)
- Patient ID – Patient’s Patient ID or other local identifier



Date – Date of the procedure

Endoscopist – Responsible endoscopist (last, first names)

Procedures – Procedure performed details, as a list

## Lists > Scopes

**Title:** Scopes

**Description:** Lists procedures by scope used. A procedure may be listed more than once if more than one scope was used.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Scope – Scope type (make and model)

Serial no. – Scope serial number

Patient – Patient's Name (last, first)

Patient ID – Patient's Patient ID or other local identifier

Date – Date of the procedure

## Lists > Unplanned events

**Title:** Unplanned events

**Description:** Lists procedures with unplanned events (complications) during the procedure or immediate post-procedure interval. Procedures will be listed only once even if there is more than one unplanned event.

### Information Listed

Date – Date of procedure

Patient – Patient's name (last, first)

Patient ID – Patient's Patient ID or other local identifier

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Endoscopist – Responsible endoscopist (last, first names)

Unplanned events – Unplanned events, as a list

## Logs

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### Logs > Appointments (cancelled)

**Title:** Appointments (cancelled)

**Description:** Lists appointments that were cancelled or no-show.

**Information Listed**

- Date – Date of scheduled appointment
- Type – Procedure scheduled
- Patient - Patient's name (last, first)
- Patient ID – Patient's Patient ID or other local identifier
- Status – Status of appointment (e.g. cancelled or no show)
- Notes – Appointment notes

### Logs > MU\*

The various queries that start with MU are related to meaningful use and can only be used if your center is using CORI v4 for meaningful use reporting. Before using these queries please contact CORI Support to ensure everything is setup correctly.

### Logs > Patients due for recall

**Title:** Patients due for recall

**Description:** Lists all patients due for a followup exam

**Information Listed**

- Due date – Date due for recall
- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Patient – Patient's name (last, first)
- Patient ID – Patient's Patient ID or other local identifier
- DOB – Date of birth
- Gender – Gender of patient
- Endoscopist – Responsible endoscopist (last, first names) (*for prior exam*)
- Prior exam – Date of last examination
- Most recent exam – most recent exam type and date if one is present

### Logs > PostProc Quality

**Title:** PostProc Quality

**Description:** Log of all procedures with post procedure quality data reported

**Information Listed**

- Date – Date of the procedure
- Patient – Patient's name (last, first)
- Patient ID – Patient's Patient ID or other local identifier
- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Endoscopist – Responsible endoscopist (last, first names) (*for prior exam*)
- Burn? – Whether the patient received a burn prior to discharge

Fall? – Whether the patient experienced a fall within the ASC

Wrong? – Whether there was a wrong site, wrong patient, or wrong procedure event

Transferred? – Whether the patient as transferred to the hospital ED

Preop IV Antibiotic for SSI? – Whether the preop IV antibiotic for surgical site infection prophylaxis was initiated on time, late, or did not have one

## Logs > Procedure log

**Title:** Procedure log

**Description:** Log of all procedures performed including procedures performed, indications and findings.

### Information Listed

Date – Date of the procedure

Patient – Patient’s name (last, first)

Patient ID – Patient’s Patient ID or other local identifier

DOB – Date of birth of patient

Gender – Gender of patient

Race – Race of patient

Endoscopist – Responsible endoscopist (last, first names)

Attendings – Attending physicians (last, first names), as a list

Referring provider – Referring provider

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Procedures – Procedure performed details, as a list

Primary indication – Primary indication for procedure

Indications – Indication for procedure, as a list

Findings – Findings documented in procedure, as a list

## Logs > Procedure log (long)

**Title:** Procedure log (long)

**Description:** Log of all procedure details.

### Information Listed

Date – Date of the procedure

Patient – Patient’s name (last, first)

Patient ID – Patient’s Patient ID or other local identifier

DOB – Date of birth of patient

Gender – Gender of patient

Race – Race of patient

Endoscopist – Responsible endoscopist (last, first names)

Attendings – Attending physicians (last, first names), as a list

Referring provider – Referring provider

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Procedures – Procedure performed details, as a list

Primary indication – Primary indication for procedure

Indications – Indication for procedure, as a list

Findings – Findings documented in procedure, as a list

Medications – Sedation medication names, as a list

Incomplete – Incomplete procedure? (Yes/No)

Unplanned event – Unplanned event during procedure? (Yes/No)

Pathology – Specimen sent to pathology? (Yes/No)

## Logs > Schedule

**Title:** Schedule

**Description:** Lists all appointments within specified date range.

### Information Listed

Date – Date of scheduled appointment

Type – Procedure scheduled

Patient - Patient's name (last, first)

Patient ID – Patient's Patient ID or other local identifier

Status – Status of appointment (e.g. scheduled, cancelled, etc...)

Notes – Appointment notes

## Counts

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### Counts > ASA classification

**Title:** ASA classification

**Description:** Counts procedures by ASA classification.

**Information Listed**

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

ASA – ASA classification

Count – Number of procedures

### Counts > Endoscopists (All)

**Title:** Endoscopists (All)

**Description:** Counts procedures done by endoscopist. Includes all endoscopists listed as procedure personnel. A procedure may be counted more than once if more than one endoscopist (attending, fellow, PA, or NP) is specified as procedure personnel.

**Information Listed**

Endoscopist – Person with endoscopist role (last, first names)

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Count – Number of procedures

Incomplete – Count of procedures where procedure was not completed

Unplanned events – Count of procedures with unplanned events (complications)

### Counts > Endoscopists (Responsible)

**Title:** Endoscopists (Responsible)

**Description:** Counts procedures done by responsible endoscopist. A procedure will be counted only once.

**Information Listed**

Endoscopist – Responsible endoscopist (last, first names)

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Count – number of procedures

Incomplete – Count of procedures where procedure was not completed

Unplanned events – Count of procedures with unplanned events (complications)

### Counts > Fellows

**Title:** Fellows

**Description:** Counts procedures performed by fellows. A procedure may be counted more than once if more than one fellow is specified as procedure personnel.

**Information Listed**

Fellow – Fellow listed in procedure personnel (last, first names)

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Procedures – Procedures performed details, as a list

Count – Number of procedures

## Counts > Findings

**Title:** Findings

**Description:** This query counts procedures by findings. A procedure will be counted more than once if more than one finding is documented for the procedure.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Finding – Finding documented in procedure

Count – Number of procedures

## Counts > Findings by primary indication

**Title:** Findings by primary indication

**Description:** This query counts procedures with specific findings by primary indication for the procedure. A procedure will be counted more than once if more than one finding is documented for the procedure.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Primary indication – Primary indication for procedure

Finding – Finding documented in procedure

Count – Count of procedures

## Counts > Incomplete procedures

**Title:** Incomplete procedures

**Description:** This query counts incomplete procedures by reason that the procedure is incomplete. A procedure will be counted more than once if there is more than one reason that the procedure is incomplete.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Reason – Reason for incomplete procedure

Count – Count of procedures (*count only incomplete procedures*)

## Counts > Indications (All)

**Title:** Indications (All)

**Description:** Counts procedures by indication listed for the procedure. A procedure will be counted more than one if more than one indication is documented for a procedure.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Indication – Indication for procedure

Count – Number of procedures

## Counts > Indications (Primary)

**Title:** Indications (Primary)

**Description:** This query counts procedures by the selected primary indication. A procedure will be counted only once.

### Information Listed

- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Primary indication – Primary indication for procedure
- Count – Number of procedures

### Counts > Pathology

**Title:** Pathology

**Description:** Counts procedures with specimens sent to pathology by date

#### Information Listed

- Date – Date of the procedure
- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Count – Number of procedures (*with specimens sent to pathology*)

### Counts > Pathology results

**Title:** Pathology results

**Description:** Counts procedures based on pathology results for specific findings. A procedure will be counted more than once if more than one pathology result is reported for the procedure.

#### Information Listed

- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Finding – Finding documented in procedure (*include only findings where specimens were sent to pathology*)
- Results – Result of pathology, based on Post procedure grid entry (*include only results in Result menu, some will be null*)
- Count – Number of procedures

### Counts > Patients (race and ethnicity)

**Title:** Patients (race and ethnicity)

**Description:** Counts patients based on ethnicity and race. A patient is only counted once regardless of number of procedures.

#### Information Listed

- Race – Race of patient
- Hispanic – Count of Hispanic patients
- Non-Hispanic – Count of non-Hispanic patients

### Counts > Procedure type

**Title:** Procedure type

**Description:** Counts the total number of procedures performed by procedure type

#### Information Listed

- Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)
- Count – Count of procedures

## Counts > Procedure type (demographics)

**Title:** Procedure type

**Description:** This query counts procedures by procedure type, gender and age group of the patient.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Gender – Gender of patient

Age group – Patient age groups

Count – Count of procedures

## Counts > Procedures

**Title:** Procedures

**Description:** Counts procedures by specific procedure performed. If more than one specific procedure is performed (e.g. biopsy and stent placement), then a procedure will be counted more than once.

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Procedure performed – Specific type of procedure documented (e.g. Colonoscopy with biopsy or EGD with removal of foreign body)

Count – Number of procedures

## Counts > Referrals

**Title:** Referrals

**Description:** This query counts procedures by the referring provider and procedure type.

### Information Listed

Provider – Referring Provider

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Count – Number of procedures

## Counts > Scopes

**Title:** Scopes

**Description:** Counts the number of times a scope has been used

### Information Listed

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Scope – Scope type (make and model)

Serial no. – Scope serial number

Count – Number of procedures

## Counts > Sedation medications

**Title:** Sedation medications

**Description:** Counts procedures when selected sedation medications were administered. A procedure may be counted more than once if more than one sedation medication was used.

### Information Listed



Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Medication – Sedation medication name

Count – Number of procedures

### Counts > Staff procedures

**Title:** Staff procedures

**Description:** Count of procedures by staff member listed as procedure personnel in any role

**Information Listed**

Staff – All procedure personnel

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Count – Count of procedures

### Counts > Unplanned events

**Title:** Unplanned events

**Description:** This query counts unplanned events (complications) by type of unplanned event. A procedure will be counted more than once if more than one unplanned event is documented.

**Information Listed**

Procedure type – Type of procedure documented (e.g. Colonoscopy or EGD)

Unplanned event – Type of unplanned event

Count – Count of procedures

## Quality Indicators

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### Quality Indicators > Adenoma Detection

**Title:** Adenoma Detection

**Description:** Counts the number of adult colonoscopies with detection of adenomas stratified by type of procedure indication

**Information Listed**

- Endoscopist – Responsible endoscopist (last, first names)
- Exam type – Type of screening or if it is a surveillance colonoscopy
- Gender – Gender of patient
- Adenoma present – Whether an adenoma was reported in the post procedure report
- Count – Number of procedures

### Quality Indicators > Adenoma Detection List

**Title:** Adenoma Detection List

**Description:** Lists colonoscopies performed in adults, their primary indication, whether polyps were found, and whether adenomatous polyps were found

**Information Listed**

- Endoscopist – Responsible endoscopist (last, first names)
- Gender – Gender of patient
- Primary indication – Primary indication for procedure
- Polyp(s) found? – Whether a polyp was reported
- Adenoma present – Whether an adenoma was reported in the post procedure report
- Patient ID – Patient's Patient ID or other local identifier
- Date – Date of the procedure

### Quality Indicators > ASC10 & OP30: Surveillance list

**Title:** ASC10 & OP30: Surveillance list

**Description:** CMS Reporting for ASC10/OP30: All patients aged 18 years and older receiving a surveillance colonoscopy with a history of prior colonic polyp(s) in previous colonoscopy findings, who had a follow-up interval of 3 or more years since their last colonoscopy. (Appropriate Use)

Denominator

- Patient aged 18 or older at the time of the procedure
- Colonoscopy with primary indication of 'Surveillance of adenomatous polyps' or 'Surveillance of polyps' (Indications)

Numerator

- It has been at least 3 years since previous colonoscopy, per prior colonoscopy's date of service

Exclusions

- Patient has any of the risk factor checked in current or prior (Indications)
- Prior colonoscopy was incomplete (Procedure)
- Prior colonoscopy quality of bowel preparation was Fair or Poor (Procedure)
- Prior colonoscopy BBPS was below 6 (Procedure)
- Unable to locate previous colonoscopy report

- Exclude if prior exam was performed in ICU or ED (Preprocedure)

#### IMPORTANT NOTES:

- CORI v3 procedures are included but only if they were imported. It is only able to use the date of service for CORI v3 procedure reports and doesn't take in count any exclusions that may apply. It assumes it has been 3 years since that last v3 report.
- User must review procedures if more than 10 adenomas were found or if last procedure had piecemeal removal of adenomas

#### **Information Listed**

- Endoscopist - the responsible endoscopist
- Denominator – If they meet the denominator requirements listed above
- Numerator – If they meet the numerator requirements listed above
- Excluded due to – reason procedure was excluded from denominator
- MRN– Patient's MRN
- Patient's name (last, first)
- Patient age – Patient's age at the time of the most recent procedure
- Date – Date of most recent the procedure
- Primary indication
- High risk – If any family risk factors are recorded (reason for exclusion)
- Prior colonoscopy – Date of previous colonoscopy report found in system
- Years apart – Number of years between most recent and previous colonoscopy found
- Prior incomplete – If previous colonoscopy was not completed, i.e. poor prep. (reason for exclusion)
- Prior bowel prep – Bowel prep of prior colonoscopy (reason for exclusion)
- Prior polyp count – Number of polyps documented in previous report. (useful for manual review)
- Prior polyp removed piecemeal – If any polyps were removed piecemeal in previous report (useful for manual review)
- Prior polyp clusters – Number of polyp clusters recorded in previous report. (useful for manual review)
- Prior recommended next exam – Number of years recorded for recommended next exam in previous report (useful for manual review)
- Prior primary indication – Previous report's primary indication (useful for manual review)
- Prior urgency – If the previous report was documented as an ED case (reason for exclusion)
- Prior performed in – If the previous report was documented as an ED case (reason for exclusion)

### **Quality Indicators > ASC9 & OP29: Screening list**

**Title:** ASC9 & OP29: Screening list

**Description:** List of patients aged 50 years and older receiving a screening colonoscopy without biopsy or polypectomy who had a recommended follow-up interval of at least 10 years for repeat colonoscopy

documented in their colonoscopy report. This is for CMS Reporting ASC9/OP29: Appropriate follow-up interval for normal colonoscopy in average risk patients.

#### Denominator

- Patient aged 50 or older at the time of the procedure:
- Colonoscopy with primary indication of average risk screening
- No biopsies taken (Procedure)
- No findings sent to pathology (Findings)

#### Numerator

- 10 years or more is entered in the recommended next exam (Assessment/Plan)

#### Exclusions

- Procedure not completed (Procedure)
- Quality of bowel preparation was Fair or Poor (Procedure)
- BBPS was below 6 (Procedure)
- No further examination is needed (Assessment/Plan)
- Used when patient no longer needs to have a follow-up, e.g. older than recommend age. This assumes the reason is either age or provided in the assessment text box.

#### **Information Listed**

- Endoscopist - the responsible endoscopist
- Denominator – If they meet the denominator requirements listed above
- Numerator – If they meet the numerator requirements listed above
- Excluded due to – reason procedure was excluded from denominator
- Date – Date of the procedure
- MRN– Patient’s MRN
- Patient’s name (last, first)
- Patient age – Patient’s age at the time of the procedure
- Primary indication
- Bowel prep – quality of the bowel prep recorded for the procedure using either the drop down or BBPS (reason for exclusion if below good)
- Biopsy taken – Was biopsy taken answered yes (reason for exclusion)
- Finding sent to path – If any findings were sent to path (reason for exclusion)
- Incomplete procedure – If procedure was not completed (reason for exclusion)
- Recommended next exam – Recorded recommended next exam. (reason for exclusion if no followup needed is recorded)

### **Quality Indicators > ASC9 & OP29: Screening**

**Title:** ASC9 & OP29: Screening

**Description:** Percentage of patients aged 50 years and older receiving a screening colonoscopy without biopsy or polypectomy who had a recommended follow-up interval of at least 10 years for repeat colonoscopy documented in their colonoscopy report. This is for CMS Reporting ASC9/OP29: Appropriate follow-up interval for normal colonoscopy in average risk patients.

#### Denominator

- Patient aged 50 or older at the time of the procedure:
- Colonoscopy with primary indication of average risk screening
- No biopsies taken (Procedure)
- No findings sent to pathology (Findings)

#### Numerator

- 10 years or more is entered in the recommended next exam (Assessment/Plan)

#### Exclusions

- Procedure not completed (Procedure)
- Quality of bowel preparation was Fair or Poor (Procedure)
- BBPS was below 6 (Procedure)
- No further examination is needed (Assessment/Plan)
- Used when patient no longer needs to have a follow-up, e.g. older than recommend age. This assumes the reason is either age or provided in the assessment text box.

#### **Information Listed**

- Endoscopist - the responsible endoscopist
- Average risk screening colonoscopies – Number of colonoscopies in the denominator
- ...recommended next exam in 10+ years – Number of colonoscopies in the numerator where 10 or more years is recorded as recommended next exam.
- Rate

## Quality Indicators > Bowel Prep

**Title:** Bowel Prep

**Description:** Counts the number of adult colonoscopies by results of bowel prep

**Inclusions:** All colonoscopies performed in patients  $\geq$  age 18

**Exclusions:** None.

**Rows:** For each endoscopist, total procedure count and one row for each of the following (if count > 0). If menu used for documentation, do not recount for BBPS

- Excellent
- Good
- Fair
- Poor
- BBPS 9
- BBPS 8
- BBPS 7
- BBPS 6
- BBPS 5
- BBPS 4
- BBPS 3
- BBPS 2
- BBPS 1
- Not documented

#### **Information Listed:**

- Endoscopist - the responsible endoscopist
- Prep result – the categories above
- count

## Quality Indicators > Bowel Prep Results List

**Title:** Bowel Prep List

**Description:** Lists bowel prep results for colonoscopies performed in adults

**Inclusions:** All colonoscopies performed in patients  $\geq$  age 18

**Exclusions:** None.

**Rows:** One procedure per row.

**Information Listed:**

- Patient – the patient's name
- Patient ID – the patient's main identifier, based on site preferences
- Endoscopist – the responsible endoscopist
- Date – procedure date
- Bowel prep documented? - Whether or not the bowel prep is documented Prep result – The prep result based on the menu
- BBPS – The total BBPS score, if documented, else this will be null.

## Quality Indicators > Cecal Intubation

**Title:** Cecal Intubation

**Description:** Counts the number of adult colonoscopies by depth reached

**Inclusions:** All colonoscopies performed in patients  $\geq$  age 18

**Exclusions:** None.

**Rows:** For each endoscopist, total procedure count and one row for each of the following (if count > 0)

- Excluded from measure
- Included in measure

If included in measure, one row for each of the following (if count > 0)

- Anastomosis site
- Anus
- Rectum
- Sigmoid colon
- Descending colon
- Splenic flexure
- Transverse colon
- Hepatic flexure
- Ascending colon
- Cecum
- Terminal ileum
- Ileum

For Cecum, Terminal ileum, Ileum, one row for each of the following (if count > 0). Note that each procedure can be counted only once, and should be counted for the HIGHEST level of documentation

- Documented by statement
- Documented by ID of landmarks
- Photo documentation

**Information Listed:**

- Endoscopist – the responsible endoscopist
- Depth reached – the categories above
- Count

### Quality Indicators > Cecal Intubation List

**Title:** Cecal Intubation List

**Description:** Lists depth reached for colonoscopies performed in adults

**Inclusions:** All colonoscopies performed in patients >= age 18

**Exclusions:** None

**Rows:** One procedure per row.

**Information Listed:**

- Patient – the patient's name
- Patient ID – the patient's main identifier, based on site preferences
- Endoscopist – the responsible endoscopist
- Date – procedure date
- Depth intended – the depth intended as found on the Procedure screen; if not documented, then "not documented"
- Depth reached -- the depth reached as found on the Procedure screen; if not documented, then "not documented"
- Excluded? –whether or not the procedure was excluded from the measure
- Statement? – Whether or not the depth reached was documented by statement
- Landmarks? -- Whether or not the depth reached was documented by ID of landmarks
- Photo? -- Whether or not the depth reached was documented by photo documentation

### Quality Indicators > Polyp Detection

**Title:** Polyp Detection

**Description:** Counts the number of adult colonoscopies by detection of polyps

**Inclusions:** All colonoscopies performed in patients >= age 18

**Exclusions:** None.

**Rows:** For each endoscopist, total procedure count and one row for each of the following (if count > 0):

- Screening
- Not screening

For either option, one row for each of the following (if count > 0)

- Polyp(s) not detected

- Polyp(s) detected

For Polyp(s) detected, one row for each of the following (if count > 0)

- Size not documented
- Largest polyp ≤ 5 mm
- Largest polyp > 5 mm and ≤ 9 mm
- Largest polyp > 9 mm

**Information Listed:**

- Endoscopist – the responsible endoscopist
- Screening?
- Polyp Found?
- Largest polyp
- Count

### Quality Indicators > Polyp Detection List

**Title:** Polyp Detection List

**Description:** Lists colonoscopies performed in adults in which polyps were detected.

**Inclusions:** All colonoscopies performed in patients ≥ age 18

**Exclusions:** None.

**Rows:** One procedure per row.

**Information Listed:**

- Patient – the patient's name
- Patient ID – the patient's main identifier, based on site preferences
- Endoscopist – the responsible endoscopist
- Date – procedure date
- Screening? – whether or not the procedure was a screening examination
- Largest polyp (mm) – size of largest polyp found in mm, documented either on the Polyp Finding or Polyp Cluster Finding screen. If no polyp found, then null. If polyp found but size not documented, then "not stated"

### Quality Indicators > Polyp Retrieval

**Title:** Polyp Retrieval

**Description:** Counts the number of polyps found during adult colonoscopies by removal and retrieval

**Inclusions:** All polyps documented for an adult colonoscopy using the Polyp Finding screen. Polyps documented using the Polyp Cluster Finding are not included.

**Exclusions:** None.

**Rows:** For each endoscopist, the total number of polyps documented and one row for each of the following (if count > 0)

- Polyp removal not documented
- Polyps not removed
- Polyps removed

If polyp removed, one row for each of the following (if count > 0)

- Polyp retrieval not documented



- Polyps not retrieved
- Polyps retrieved

**Information Listed:**

- Endoscopist – the responsible endoscopist
- Polyp removal
- Polyp retrieval
- Count

## Quality Indicators > Polyp Retrieval List

**Title:** Polyp Retrieval List

**Description:** Lists polyp removal and retrieval detail for colonoscopies performed in adults

**Inclusions:** All polyps documented for an adult colonoscopy using the Polyp Finding screen. Polyps documented using the Polyp Cluster Finding are not included.

**Exclusions:** None.

**Information Listed:**

- Endoscopist – the responsible endoscopist
- Patient – the patient's name
- Patient ID – the patient's main identifier, based on site preferences
- Date – Date of procedure
- Polyp Count – Number of polyps documented
- Polyps removed – Number of polyps removed
- Polyps retrieved – Number of polyps retrieved
- Sent to path – Number of polyps sent to pathology
- Completeness of removal – Number of polyps completely removed
- Biopsied, not removed – Number of polyp just biopsied and not removed
- Tattoo placed – Number of polyps that have a tattoo in its place

## Quality Indicators > Screening Interval

**Title:** Screening Interval

**Description:** List of patients who have had an average risk screening colonoscopy with no abnormal findings and their recommended screening interval

**Information Listed:**

- Patient – the patient's name
- Patient ID – the patient's main identifier, based on site preferences
- Procedure Date – Date of procedure
- Years – Number of years recommended for follow up
- Months – Number of months recommended for follow up

## Quality Indicators > Screening Interval: Hx of Polyps

**Title:** Screening Interval: Hx of Polyps

**Description:** List of patients undergoing surveillance colonoscopy for prior polyps with no polyps found in current exam

**Information Listed:**

- Patient – the patient's name
- Patient ID – the patient's main identifier, based on site preferences
- Procedure Date – Date of procedure
- Years – Number of years recommended for follow up
- Months – Number of months recommended for follow up

## Quality Indicators > Withdrawal Time

**Title:** Withdrawal Time

**Description:** Counts the number of screening colonoscopies (without biopsies or polypectomies) in each time category by endoscopist

**Inclusions:** All colonoscopies performed in patients  $\geq$  age 18

**Exclusions:** None.

**Rows:** For each endoscopist, total procedure count and one row for each of the following

- < 6 minutes
- 6-8 minutes
- >8 minutes
- No documentation

**Information Listed:**

- Endoscopist - the responsible endoscopist
- Withdrawal Time – the 4 categories above
- Count

## Quality Indicators > Withdrawal Time List

**Title:** Withdrawal Time List

**Description:** Lists withdrawal times for colonoscopies performed in adults

**Inclusions:** All colonoscopies performed in patients  $\geq$  age 18

**Exclusions:** None.

**Rows:** One procedure per row.

**Information Listed:**

- Patient – the patient's name
- Patient ID – the patient's main identifier, based on site preferences
- Endoscopist – the responsible endoscopist
- Date – procedure date
- Withdrawal time (min) – withdrawal time for exam in
- Screening? - whether or not the exam is a screening exam (options: Yes, No)
- Biopsy or polypectomy? – whether or not a biopsy was performed during the exam
- Surgical history

## Contact Information

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If you have any questions regarding CORI v4's Queries, please contact us at [cori@ohsu.edu](mailto:cori@ohsu.edu) or call the CORI support line at 1-888-786-2674.