

Year	Variable	Change
2022	Patient Selection Criteria	Appendix: add ICD-10 codes K36 and K37
2022	Patient Selection Criteria	Gallbladder: add ICD-10 K82.2 and K82.A2
2022	Patient Selection Criteria	Small bowel: add ICD-10 K31.5, K41.30, K44.0, K50.012, K50.812, K50.912, K56.1, K56.2, K56.5, K56.60, K56.69, K91.30, K91.31, K91.32
2022	Center	Add BO, DR, HP, MC, MH, MM. Delete OW.
2022	Point of Entry	Clarify: Patient presents from home to your ED = "ED". Typo care to car fixed.
2022	Transport Mode	New variable added
2022	Weight (kg)	Clarify: If actual weight and patient stated weight are both listed, enter the patient stated weight.
2022	CHF w/in 30 days	Clarify: Select "Yes" for patients who have an LVAD in place.
2022	DM	Clarify: Include patients with documented pre-diabetes requiring parenteral insulin or an oral hypoglycemic.
2022	Hypertension	Clarify: Exclude if documentation reports medication noncompliance. Exclude HTN controlled only by diet and exercise.
2022	Personal History of DVT/PE	Clarify: Answer "Yes" if the patient was diagnosed with a DVT or PE during this admission before their general surgery operation.
2022	Pregnancy	New variable added
2022	Pre-op Sepsis	Clarify new infection source must be within 72 hours before surgery start time
2022	Secondary ICD-10 Code	Clarify: Can use a code related to the general surgery problem that will further add to the description of the general surgery problem.
2022	Organ System	Clarify: If the patient has an emergent (not urgent) exploratory laparotomy to manage a small bowel obstruction. caused by volvulus, hernia, internal hernia or mass/malignancy select "Exploratory Laparotomy".
2022	Operation Dressing Date 1 (mm/dd/yyyy)	Clarify: If your hospital does not record operation dressing date, then enter what your hospital records for similar operation end date.
2022	Operation Dressing Time 1 (Military Time 00:00)	Clarify: If your hospital does not record operation dressing time, then enter what your hospital records for similar operation end time.
2022	Conversion	Add option for Robotic Technique
2022	Bowel Anastomosis Technique	Add options for combination stapled with hand -sutured (for multiple anastomosis), EAA + hand suture, and GIA + hand suture
2022	Pathology Result	Added verbiage to include sequela of prior appendicitis with "positive" variable option.

2022	IR Procedure Type 1	Add option for cholecystostomy tube exchange, cholecystostomy tube removal, gallbladder ablation, and gallstone extraction. Also "none" to allow user to deselect choice.
2022	IR Procedure Date 1 (mm/dd/yyyy)	New variable added
2022	IR Procedure Time 1 (Military Time 00:00)	New variable added
2022	IR Procedure Type 2	New variable added
2022	IR Procedure Date 2 (mm/dd/yyyy)	New variable added
2022	IR Procedure Time 2 (Military Time 00:00)	New variable added
2022	IR Procedure Type 3	New variable added
2022	IR Procedure Date 3 (mm/dd/yyyy)	New variable added
2022	IR Procedure Time 3 (Military Time 00:00)	New variable added
2022	Diagnosis ERCP Procedure 1	New variable added
2022	Diagnosis ERCP Procedure Date 1 (mm/dd/yyyy)	New variable added
2022	Diagnosis ERCP Procedure Time 1 (Military time hh:mm)	New variable added
2022	Diagnosis ERCP Procedure 2	New variable added
2022	Diagnosis ERCP Procedure Date 2 (mm/dd/yyyy)	New variable added
2022	Diagnosis ERCP Procedure Time 2 (Military time hh:mm)	New variable added
2022	Secondary ERCP Procedure 1	New variable added
2022	Secondary ERCP Procedure Date 1 (mm/dd/yyyy)	New variable added
2022	Secondary ERCP Procedure Time 1 (Military time hh:mm)	New variable added
2022	Secondary ERCP Procedure 2	New variable added

2022	Secondary ERCP Procedure Date 2 (mm/dd/yyyy)	New variable added
2022	Secondary ERCP Procedure Time 2 (Military time hh:mm)	New variable added
2022	Retained Common Bile Duct Stone Date (mm/dd/yyyy)	Clarify: When a stone is not visualized during secondary ERCP, but the major papilla is inflamed and/or labs indicate that the stone passed before ERCP with supporting documentation in the chart, you may count this as a retained CBD stone.
2022	Operation (pertaining to SBO)	Add option for milking the bowel
2022	Operative Findings (pertaining to SBO)	Separate Ischemic and dead bowel findings into two different options.
2022	CT Scan Date (mm/dd/yyyy) (Ex-lap cases)	Clarify: If multiple CT scans were performed, list the CT scan date done closest to the operation time.
2022	Total Ventilator Calendar Days	Clarify: Include POD #0 as a calendar day
2022	Established Care (Hernia)	New variable added
2022	Procedure CPT Codes	Correct erroneous hospital CPT coding and enter correct code. (MACS CPT xlsx provided). Discontinuity and LOA guidance from 2022 MACS Updates Presentation and Video.
2022	Occurrences	Clarify: Many occurrences for medically managed patients are captured throughout the entire admission and for 30 days following discharge. Review each occurrence definition. Example below.
2022	Non-CAUTI	Fever > 38 C can be in a patient of any age (was < 65y/o prior)
2022	Cardiac Arrest Requiring CPR Date (mm/dd/yyyy)	Clarify: May capture occurrence for medically managed patients during current admission and within 30 days after discharge
2022	Common Bile Duct Injury	Clarify: This complication refers to a transected or injured common bile duct, which potentially requires additional surgery to fix.
2022	Cystic Duct Leak	Clarify: Do not include bile leaks from the ducts of Luschka.
2022	Infected Pancreas Date (mm/dd/yyyy)	Typo correction: The first date the patient has a documented infected pancreas during the current admission and within 30 days following discharge.
2022	SSI Deep Incisional Date (mm/dd/yyyy)	Clarify criteria: Organisms isolated from a culture (aseptically obtained) of the superficial incision site fluid or tissue.
2022	SSI Deep Incisional Date (mm/dd/yyyy)	Typo correction in notes: An organ/space SSI that drains through the deep incision should be reported as an organ/space SSI.

2022	Prior Opioid Use	New variable added
2022	Tablet Type 1	New variable added
2022	Tablet Type 2	New variable added
2022	Solution Type 1	New variable added
2022	Other Type 1	New variable added
2022	Strength	New variable added
2022	Units	New variable added
2022	Milliliters of Solution	New variable added
2022	Form	New variable added
2022	Maximum Per Dose	New variable added
2022	Maximum Frequency Per Day	New variable added
2022	Quantity	New variable added
2022	Inpatient Opioid Use	New variable added
2022	First and Last Name	Clarify: For hyphenated names, just leave a space and no hyphen. Enter pt's legal name.
2022	Zip Code	Qualtrics locked out to enter 5 digit zip code only.
2022	Last Date of Follow Up	Clarify: If the patient does not have follow up, use the date of discharge for the last follow up date.