

# METABOLIC AND BARIATRIC SURGERY ACCREDITATION AND QUALITY IMPROVEMENT PROGRAM

# User Guide for the 2021 Participant Use Data File (PUF)

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#### 1. Introduction

The Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP®) is pleased to introduce the 2021 Participant Use Data File (PUF) – including cases with operation dates between January 1, 2021 and December 31, 2021. The PUF is a Health Insurance Portability and Accountability Act (HIPAA)-compliant data file containing cases submitted to the MBSAQIP Registry. The PUF contains patient-level data and does not identify hospitals, health care providers, or patients. The intended purpose of these files is to provide researchers at participating centers with a data resource they can use to investigate and advance the quality of care delivered to the metabolic and bariatric surgical patient through the analysis of cases captured by MBSAQIP. The PUF is provided at no additional cost to employees (surgeons, researchers, bariatric program staff, etc.) of MBSAQIP participant centers. With over 200,000 metabolic and bariatric cases captured each year, the MBSAQIP PUF is the largest, bariatric-specific, clinical dataset in the country and serves as an invaluable resource to investigators looking to answer important clinical questions in this field. It is part of the mission of the MBSAQIP to make this data available to all participants to improve the power and reliability of clinical research and further propel innovation in the field of metabolic and bariatric surgery.

This guide is designed to accompany the 2021 Participant Use Data File available for download via the MBSAQIP website (<a href="https://www.facs.org/quality-programs/mbsaqip/participant-use">https://www.facs.org/quality-programs/mbsaqip/participant-use</a>). The sections contained herein will provide the user with information on how to request the PUF, contents of the data files, data collection background, data limitations, and answers to frequently asked questions.

This user guide applies specifically to the 2021 PUF and will be updated with each subsequent PUF. All historical user guides remain available at the MBSAQIP website (https://www.facs.org/quality-programs/mbsaqip/participant-use). Please note that a new MBSAQIP data registry was launched January 1, 2020. These files represent the second PUF documents reflecting the new registry, and updates are continually incorporated. As such, these files may differ considerably from historical versions. It is the responsibility of the researcher to identify nuances between variables across different file years and versions.

## 2. Data Request Process

An individual who has an official role at an actively enrolled MBSAQIP center and wants to obtain a copy of the MBSAQIP PUF can do so by visiting <a href="https://www.facs.org/quality-programs/accreditation-and-verification/metabolic-and-bariatric-surgery-accreditation-and-quality-improvement-program/participant-use-data-file-puf/">https://www.facs.org/quality-programs/accreditation-and-verification/metabolic-and-bariatric-surgery-accreditation-and-quality-improvement-program/participant-use-data-file-puf/</a> and following the steps listed below:

1. Once on the MBSAQIP PUF main page, there will be a brief introduction and explanation of the PUF. Scrolling down will take the requestor to the Data Use Agreement. This is a three-page document that implements the data protections of the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and the MBSAQIP Participation

Agreement. Delivery of the PUF is contingent on agreement to the terms and conditions specified within the Data Use Agreement. The Data Use Agreement can be read from this page or the three-page document can be downloaded. The requestor is then required to type in their first and last name and click on "Request Data File." By clicking on "Request Data File" the requestor agrees to the terms and conditions of the Data Use Agreement.

- 2. Requestors will then be required to complete a brief online form to provide ACS with basic information about themselves, including the participating center in which they are currently employed and in what capacity, as well as how the requestor plans to utilize the PUF data. Once all of the required fields are completed, the requestor clicks "Submit."
- 3. Once the request is received, MBSAQIP will reach out to the chosen center for internal verification and approval. Internal approval is at the discretion of the issuing center.
- 4. Upon approval an email will be sent to the requestor containing a username and password along with the URL to download the data. The web link will be active from the time of the email for 10 full days (240 hours).
- 5. The file will be available in three different formats (Text, SPSS, SAS) and depending on the user's internet connection speed should take between 5 and 30 minutes to download.
- 6. The requestor may be contacted to confirm receipt of the data file and allow for feedback on the delivery mechanism, data points contained, and data file format.

## 3. File Description

The PUF consists of four distinct datasets which are referred to as main, reoperation, readmission, and intervention, respectively. Each dataset is available in one of three different formats - Text, SAS, and SPSS. The main dataset is a flat file containing preoperative, intraoperative, and postoperative patient and procedure characteristics for all metabolic and bariatric surgical cases that were eligible for the PUF in 2021. The reoperation, readmission, and intervention datasets are available in long form (i.e., multiple rows per case), and contain detailed information on readmissions, reoperations, and interventions, respectively, associated with cases in the main dataset. All four datasets contain a unique key matching variable, CASEID, which allows users to merge datasets as necessary.

All postoperative events or outcomes (e.g., death, sepsis, reoperation, readmission, intervention, postop BMI, etc.) recorded in the main, reoperation, readmission, and intervention datasets are 30-day outcomes (i.e., occurred within 30 days of the index procedure).

The main dataset contains three variables (REOP30, READ30, and INTV30) derived from the reoperation, readmission, and intervention datasets, respectively. These variables represent whether at least one reoperation, readmission, or intervention occurred, respectively, *for any reason*, within 30 days of the index procedure. Investigators interested in other facets of reoperation, readmission, or intervention will need to manipulate the long datasets and merge them with the main dataset in a manner which is appropriate to the specified research question. For example, suppose a researcher is interested in estimating the overall 30-day *unplanned* reoperation rate for metabolic and bariatric surgical procedures. The specific research question is: "What is the 30-day unplanned reoperation rate for all cases included in the main dataset?" To answer this

question, the researcher could use the variable REOP\_UNPLANNED in the reoperation dataset to identify and create a flat file of cases where at least one 30-day reoperation was recorded as unplanned following the index procedure. This flat file would then be merged (using the unique key matching variable CASEID) with the main dataset to construct a variable, say UNPLANNED\_REOP30, taking values of either "Yes" or "No" to indicate whether at least one unplanned 30-day reoperation occurred for each case in the main dataset. The 30-day unplanned reoperation rate for all metabolic and bariatric surgical procedures could then be estimated by calculating the proportion of cases in the main dataset where UNPLANNED\_REOP30 = "Yes."

Using the CASEID variable, other readmission, reoperation, or intervention-specific variables, or combinations thereof, can be merged to the main PUF dataset. A variable-by-variable description for each dataset is provided in the PUF User Guide Tables in Section 9 of this document. A brief description of each dataset follows:

Dataset	File Types Available	Uncompressed File Size	Description
MBSAQIP_PUF_Main	SAS, SPSS, TXT	SAS: 1.7 GB SPSS: 1.9 GB TXT: 162 MB	Contains 191 HIPAA compliant variables on 211,254 cases submitted from 902 centers in 2021. Each row represents one case and there is exactly one row per case.
MBSAQIP_PUF_Read	SAS, SPSS, TXT	SAS: 1.6 MB SPSS: 1.6 MB TXT: 450 KB	Contains 7 HIPAA compliant variables on 7,833 readmissions. Each row represents a 30-day readmission associated with some case from the Main file. Multiple rows per case are possible in this file.
MBSAQIP_PUF_Reop	SAS, SPSS, TXT	SAS: 1.4 MB SPSS: 1.4 MB TXT: 406 KB	Contains 14 HIPAA compliant variables on 2,897 reoperations. Each row represents a 30-day reoperation associated with some case from the Main file. Multiple rows per case are possible in this file.
MBSAQIP_PUF_Intv	SAS, SPSS, TXT	SAS: 832 KB SPSS: 808 KB TXT: 228 KB	Contains 10 HIPAA compliant variables on 2,397 interventions. Each row represents a 30-day intervention associated with some case from the Main file. Multiple rows per case are possible in this file.

## 4. Data Collection Background and Data Quality

MBSAQIP collects data on over 200 variables including preoperative risk factors, intraoperative variables, and 30-day postoperative mortality and morbidity outcomes for patients undergoing metabolic and bariatric surgical procedures in both the inpatient and outpatient setting.

Required data elements are entered via a web-based data collection tool. Portions of the data may be automatically populated by a software program that was developed to extract data from the participating hospital's existing information systems. Requestors should contact the Metabolic and Bariatric Surgical Clinical Reviewers (MBSCRs), at their hospital for detailed information on how the hospital collects its MBSAQIP data.

To ensure the data collected are of the highest quality, the MBSAQIP has developed a host of different training mechanisms for the MBSCRs and conducts a data integrity audit of selected participating centers, when warranted. The MBSAQIP requires MBSCRs to complete a series of web-based training modules followed by an annual certification exam. The modules and certification exam focus on the program, processes, and analysis; preoperative, intraoperative, and postoperative definitions and case studies. These modules are complemented by the availability of MBSAQIP Clinical Support Registered Nurse (RN) Specialists who are available to MBSCRs on an ongoing basis for one-on-one data abstraction support and web-based training. The Clinical Support staff makes available a host of written educational resources available through the MBSAQIP Resource Portal through a support system designed to ensure MBSCRs have the knowledge and resources available to collect high-quality data.

The data integrity audit is a fundamental tool of the MBSAQIP to assess the quality of the data collected at participating centers. The process involves the review of multiple charts, some of which are selected randomly, and others selected based on criteria designed to identify potential reporting errors.

MBSAQIP has determined that a data integrity audit disagreement rate of 5% or less is acceptable. Centers that have higher than a 5% disagreement rate are not included in the MBSAQIP Semiannual Report and may be required to undergo an additional audit following training and education recommendations from the MBSAQIP.

## 5. Participation and Case Exclusion Criteria

#### **Case Collection Process**

All metabolic and bariatric surgical procedures and interventions, including those performed by non-metabolic and bariatric surgery credentialed general surgeons or other physician practitioners (i.e., gastroenterologists), must be entered into the MBSAQIP Registry. Documentation of each hospitalization and surgical procedure is required to obtain valid outcomes data. Data collection is ultimately the responsibility of the Metabolic and Bariatric Surgery (MBS) Director working collaboratively with the Metabolic and Bariatric Surgical Clinical Reviewers (MBSCRs), the physician offices, and institutional departments to ensure accurate short and long-term results. Data is collected at 30 days, six months, one year, and annually thereafter.

#### **Case Exclusion Criteria**

The following exclusion criteria were applied to cases collected in 2021. For the current inclusion/exclusion criteria, please contact the MBSAQIP Clinical Support Team at <a href="mailto:clinicalsupport@mbsaqip.org">clinicalsupport@mbsaqip.org</a>.

Procedures which would not meet metabolic or bariatric inclusion criteria:

- Cancer cases: Any patient who is admitted to the hospital and has an included procedure to address cancer.
- Trauma cases: Any patient who is admitted to the hospital and has an included procedure to address a traumatic injury.
- Patient is under 5 years of age.
- Primary Procedure not performed by the reporting site.
- Multiple MBSAQIP assessed cases within 30 days: Any patient who had an MBSAQIP assessed procedure entered within the previous 30 days at the center, the additional metabolic or bariatric procedure performed within 30 days is only entered as a reoperation or intervention. Only one MBSAQIP procedure can be entered as a new case into the data registry per patient, per 30 days, for a center.
- Cases completed due to complication or occurrences from a prior metabolic and bariatric procedure (with the exception of GERD). For example, cases in which a portion of the metabolic and bariatric procedure was revised, or the metabolic and bariatric procedure was converted due to ulcer, perforation, stricture, nausea, vomiting, or excessive weight loss, the procedure would not be captured on a case form, rather captured as a Reoperation or Intervention. Note: Only Reoperations and Interventions which occurred within the 30-day postoperative timeframe of a case captured on a case form are included in the PUF.

#### **Hospital Exclusion Criteria**

In addition to the case inclusion/exclusion criteria, center inclusion/exclusion criteria are also imposed. To maintain the highest level of data quality, only cases that are saved as complete on a case form in the MBSAQIP registry are included in the PUF. These cases go through an additional level of scrutiny as they are passed from data collection to statistical analysis. A center's cases may also be excluded from the PUF if the center meets any of the following criteria:

- 30-day follow-up rate is under 80% for the SAR timeframe
- Data Integrity Audit disagreement rate is over 5%
- The MBSCR(s) at the center does not successfully complete the annual MBSCR Certification Exam
- The center is found not to be in compliance with MBSAQIP Standard 6, "Data Collection"

#### 6. Data Limitations

While every effort has been made to make the PUF as complete as possible, the data do have certain limitations. Some of these limitations have been deliberately introduced to safeguard the privacy of patients (such as removal of absolute dates). The following items represent the most salient limitations of the data:

- While the sex and race distributions are reasonably representative of the national surgery patient population, only patients over the age of 5 are available for assessment, so the age distribution is somewhat truncated. Patients under the age of 13 and over the age of 80 also have their ages de-identified in the PUF (age is set to missing with added indicator variables included to identify patients under the age of 13 and over the age of 80, respectively).
- In order to comply with HIPAA requirements, all absolute dates have been removed. The most critical of these is the date of surgery, which has been reduced to year of surgery only. Some dates (hospital entry, dates of laboratory tests, and so on) have been recoded into durations (e.g., Date of Admission and Date of Discharge are recoded into Days to Discharge from Hospital Admit).
- In order to comply with the Participation Agreement (PA) that is agreed to between the ACS and participating centers, facility identifiers as well as geographic information regarding the case have been removed. The PA stipulates that the ACS does not identify participating centers. Facility identification could be possible even with blinded identifiers through advanced statistics. A stipulation of access to the PUF is completion of the Data Use Agreement that strictly prohibits attempts to identify hospitals, health care providers, or patients.
- While many risk factors are tracked, preventative measures are not recorded which can lead to an underestimation of the risk of certain conditions when such measures are routinely taken before surgery.
- The data are submitted from centers that are participating in the MBSAQIP and do not represent a statistically valid nationally representative sample.
- Many patients do not receive all possible preoperative laboratory tests, so some of these variables have a high percentage of missing values. This high percentage of missing data can make it problematic to use these variables in traditional logistic regression models as well as in many other types of analysis.

This list may not include all data limitations and additional limitations may apply in future versions of the data.

#### 7. Contact Information

All questions about the User Guide or PUF, as well as comments and suggestions for improvements are welcome and may be directed to Rasa Krapikas, MS, MBSAQIP Data Registry Manager, at <a href="mailto:rkrapikas@facs.org">rkrapikas@facs.org</a>.

## 8. Frequently Asked Questions

#### **Request Process**

#### Q: Who has access to this file?

A: Any individual from an actively participating MBSAQIP center will be given access to the file following completion of the PUF Data Use Agreement and a short set of questions that are available on the website.

#### Q: Is the file available to individuals from nonparticipating centers?

A: At this time the data files are only available to individuals at MBSAQIP participating centers.

#### Q: Is the PUF only available to the MBSAQIP-accredited centers?

A: The only requirement is that centers must be actively participating in the MBSAQIP either as a data collection or accredited center. PUF access is not contingent on accreditation status.

# Q: I am at a participating MBSAQIP center and would like to work on a research project with others from a different center that is <u>not</u> participating. Will I be allowed to do that?

A: No. At this time use of the file is restricted to individuals at participating MBSAQIP centers

#### Q: How do I obtain a copy of this file?

A: Please see the "Data Request Process" on page 3 of this document for a step-by-step approach on how to do so.

#### Q: Is there a time limit for downloading the files after the PUF request is approved?

A: Yes, users have 10 days from the time the PUF approval notification is sent to download the files.

#### **Contents of the Files**

#### Q: What is in each file?

A: Each file contains Health Insurance Portability and Accountability Act (HIPAA) deidentified data from centers participating in the MBSAQIP that were eligible for the corresponding SAR period. See the PUF User Guide Tables in Section 9 of this document for a list.

#### Q: What procedures (CPTs) are included in the PUF?

A: See Appendix B: Case Inclusion and Follow-up within the MBSAQIP Data Registry Operations Manual for a listing of procedure types. Any primary, conversion, or revisional case that meets inclusion criteria for creation as a "New Case" is included in the PUF.

#### Q: Are revisional procedures included in the PUF?

A: Yes. All cases that meet inclusion criteria for creation as a "New Case" (see *Appendix B: Case Inclusion and Follow-up within the MBSAQIP Data Registry Operations Manual*) are included in the PUF.

#### Q: Does the PUF contain long-term (1 year, 2 year, 3 year, etc.) outcomes?

A: At this time the 2021 PUF only contains 30-day outcomes.

#### Q: How is the PUF different from the SAR?

A: The Main PUF is a raw, flat file of HIPAA-compliant variables captured within the data registry. The data have been cleaned (e.g., removal of invalid dates, truncation of variable bounds, etc.), but no analysis (e.g., risk adjustment, quality assessments, etc.) has been performed.

#### Q: Can we publish data from the PUF?

A: Yes. Please see the terms of the PUF Data Use Agreement within the PUF request portal.

#### Q: Can we publish data from the PUF individually or collaboratively?

A: Pursuant to the MBSAQIP PUF Data Use Agreement, centers will not grant access to or share the PUF either in its entirety or as a subset to any party who is not an employee of the participating center at which the Data Recipient is employed, and centers will not sublease or permit other parties to use the PUF without advance written approval of the ACS MBSAQIP.

#### Q: Are center identifiers included in the database?

A: At this time we do not provide any geographic or center-specific identification. We took this approach to ensure the privacy of both the participating MBSAQIP centers and surgeons.

#### Q: Are there surgeon-specific identifiers included in the database?

A: At this time we do not provide any surgeon-specific information. We took this approach to ensure the privacy of both the participating centers and surgeons.

#### Q: Why does the PUF exclude specific dates?

A: In order to release the PUF, certain adjustments to the data are required to ensure proper protection of patient information. To meet these requirements, we remove all elements of dates (except year of operation) for dates directly related to an individual.

# Q: I am the MBS Director from a center that has records in the PUF and would like to know which specific records are ours.

A: At this time we do not provide center identification of any cases in the PUF, even self-identification.

#### Q: Are other PUF data sets available?

A: Yes, the first MBSAQIP PUF was released for 2015 data. Subsequent PUFs have been released on a yearly basis. There are six previous MBSAQIP PUF files available for request/download:

PUF Year	<b>PUF Type</b>	Cases	Centers
2020	MBSAQIP	168,568	885
2019	MBSAQIP	206,570	868
2018	MBSAQIP	204,837	854
2017	MBSAQIP	200,374	832
2016	MBSAQIP	186,772	791
2015	MBSAQIP	168,903	742

#### Values in the Data

- Q: Why is age missing for some records in the main dataset?
- A: Records will have a missing value for age if the calculated age of the patient was less than 13 years or greater than 80 years.
- Q: Why are some records in the main dataset missing a pre-op BMI measurement?
- A: Records will have a missing pre-op BMI measurement (either closest to surgery or highest recorded within one year prior to the surgery) if the pre-op BMI was unknown or the calculated pre-op BMI was less than 15 or greater than 150.
- Q: Some of the duration variables (e.g., Days from Operation Date to Readmission, Days from Operation Date to Reoperation, etc.) have unknown durations. Why is that?
- A: Records will have unknown durations for duration variables if an unknown or invalid date was entered which inhibited the calculation of duration. The duration (i.e., number of days) will be missing for such records.
- O: Some of the required variables have missing values. Why is that?
- A: In the processing of large amounts of data, a small percentage of descriptions or data fields are inadvertently removed through either software glitches, automated uploader issues, or data entry errors. The program continues to improve the data collection software to minimize the potential for such issues and errors.

#### **File Formats**

- Q: In what file formats are the data available?
- A: The datasets are made available as tab delimited TXT files, SPSS data files, or SAS data files. Please note that SAS or SPSS files require special software. You can run the Text file, then save, and convert to an Excel File.

#### Q: Do you provide training on how to use these file formats?

A: MBSAQIP does not provide training, instruction, or guidance in the use of statistical analysis software.

#### General

# Q: As an MBSAQIP Accredited Center, do we have any obligation to request or use the PUF?

A: No. The PUF is solely a benefit of participation for centers who are interested in using the data for research purposes. There are no PUF requirements related to your center's MBSAQIP Accreditation status.

#### 9. PUF User Guide Tables

The PUF User Guide Tables provides a variable-by-variable description for each of the four datasets available in the PUF. This tables contains a column titled "Page Number in Variables and Definitions." To provide investigators with ready access to complete and authoritative variable definitions, the "Page Number in Variables and Definitions" column contains the page number that will locate the complete definition in the MBSAQIP PUF Variables and Definitions Manual.

The MBSAQIP PUF Variables and Definitions Manual is derived directly from Chapter 4 of the MBSAQIP Operations Manual - the authoritative variable definition reference manual used by the Metabolic and Bariatric Surgical Clinical Reviewers (MBSCRs). Please be aware that these definitions are year specific. Investigators receiving the PUF will have the opportunity to download the PUF Variables and Definitions Manual corresponding to the specific PUF year.

The PUF User Guide Tables also contains a column titled "Search Term in Variables and Definitions." As an alternative to searching for variable definitions by page number in the *PUF Variables and Definitions Manual*, users can copy the entire text within an individual cell from the "Search Term in Variables and Definitions" column in the PUF User Guide Table and paste it into a search field (you can create a search field by simultaneously hitting Ctrl and F on your keyboard) in the *PUF Variables and Definitions Manual*. Once the text is copied into the search field and enter is hit, you will see the variable definition and other information pertinent to that particular variable. Appropriate definitions are provided in the "Search Term in Variables and Definitions" column for those variables that are constructed specifically for the PUF and do not exist in Chapter 4 of the MBSAQIP Operations Manual.

The *PUF Variables and Definitions Manual* will be made available to you for download with the rest of your requested PUF files. Data Use Agreements apply to the use and distribution of the *PUF Variables and Definitions Manual*, as well as all PUF datasets

#### MAIN

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sition#	Variable Name	Data Type	Variable Label	Search Term in Variables and Definitions	Page Number in Variables and Definitions	Variable Options	Comments
1	CASEID	Num	Case Identification Number	Each case or record in the database has a unique CaseID number.			1
2	SEX	Char	Sex	Variable Name: Sex	2	Male; Female; Non-binary	
3	AGE	Num	Age (years)	Variable Name: Date of Birth	1		Values capped between 13 and 80
4	ageLT13	Char	Age Less Than 13 Years	Indicator for patients with recorded age less than 13	1	Yes; No	
5	ageGT80	Char	Age Greater Than 80 Years	Indicator for patients with recorded age greater than 80	1	Yes; No	
6	RACE_PUF	Char	Race	Variable Name: Race		White	Field is multi-select. Selections are separated by " ~ ". Any
						Black or African American	unique categories with frequency < 50 are set to 'Race
					3	American Indian or Alaska Native Native Hawaiian or Other Pacific Islande	combinations with low frequency'.
					_	Asian	1
						Some Other Race	
7	HISPANIC	Char	Hispanic Ethnicity	Variable Name: Hispanic Ethnicity		Unknown/Not Reported Yes; No; Unknown	
8	PROCEDURE_TYPE				4	Conversion; Initial; Revision	Please refer to the Case Exclusion Criteria section in the
۰	PROCEDURE_ITPE	Char	Procedure Type	Variable Name: Procedure Type	6	Conversion; initial; Revision	accompanying User Guide for procedure types and cases eligible for inclusion in these data files.
9	CPT	Char	Primary Procedure CPT	Variable Name: Primary Procedure	7	CPT® codes	T .
10	CPT_DESCR	Char	Primary Procedure CPT Description	Variable Name: Primary Procedure	7		
11	INIT_PROC_DESC	Char	Initial Procedure Description	Variable Name: Initial Procedure Description		See "Variable Name: Initial Procedure Description"	Required if 43659 or 43999 is entered for the Primary
					8	"Options" List on page 8 of Variables and Definitions	s Procedure CPT®. If PROCEDURE_TYPE not = 'Initial', then this field will be missing.
12	CONV_PREV_PROC	Char	Conversion Previous Procedure	Variable Name: Conversions Previous Procedure	9	See "Variable Name: Conversions Previous Procedure" "Options" List on page 9 of Variables an Definitions	Field is multi-select. Selections are separated by " ~ ". If dPROCEDURE_TYPE not = 'Conversion', then this field will be missing.
13	CONV_CURR_PROC	Char	Conversion Current Primary Procedure	Variable Name: Conversions Current Primary Procedure	10		
						and Definitions	-
14	REV_PROC	Char	Revision Procedure Type	Variable Name: Revisions Procedure Type	11	See "Variable Name: Revisions Procedure Type"	If PROCEDURE_TYPE not = 'Revision', then this field will be
15	DEV CONVENERS	-	Particles (Communication Communication Commu	Veriable Name Frances Co.		"Options" List on page 11 of Variables and Definition	namissing.
	REV_CONV_EMERGCASE	Char	Revision/Conversion Emergency Case	Variable Name: Emergency Case	12	Yes; No	If PROCEDURE_TYPE = 'Initial', this field will be missing.
6	REV_CONV_FININDIC	Char	Revision/Conversion Final Indication	Variable Name: Final Indication	13	See "Variable Name: Final Indication" "Options" List on page 13 of Variables and Definitions	If PROCEDURE_TYPE = 'Initial', this field will be missing.
17	OTHCPT1	Char	Other CPT 1	Variable Name: Other Procedures		on page 13 of variables and Definitions	Any additional CPT® code. If none entered field will be 'NU
18	OTHCPT2	Char	Other CPT 2				-
19	OTHCPT3	Char	Other CPT 3				-
20	OTHCPT4	Char	Other CPT 4				-
21	OTHCPT5	Char	Other CPT 5				-
22	OTHCPT6	Char	Other CPT 6		14	<u> </u>	4
23	OTHCPT7	Char	Other CPT 7				4
24	OTHCPT8	Char	Other CPT 8			<u> </u>	4
25	OTHCPT9	Char	Other CPT 9				-
26	OTHCPT10	Char	Other CPT 10				-
27	CONCPT1	Char	Concurrent CPT 1	Variable Name: Concurrent Procedures			Annual district CDTS and a 16 annual field will be 1811 to
28	CONCPT2	Char	Concurrent CPT 2	variable Name: Concurrent Procedures			Any additional CPT® code. If none entered field will be 'NU
29	CONCPT3	Char	Concurrent CPT 3				-
30	CONCPT4	Char	Concurrent CPT 4				-
31	CONCPT5	Char	Concurrent CPT 5				4
32	CONCPT6	Char	Concurrent CPT 6		15		4
33	CONCPT6	Char	Concurrent CPT 7				-
34	CONCPT8	Char	Concurrent CPT 7			_	=
35	CONCPT9	Char					-
36	CONCPTIO	Char	Concurrent CPT 9 Concurrent CPT 10			_	_
				N 111 N 80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		N. N.	
37 38	STAPLING_PROC	Char	Stapler Used/Anastomosis Completed	Variable Name: Stapler Used/Anastomosis Completed	16	Yes; No	
38	DISCHARGE_DESTINATION	Char	Discharge Destination	Variable Name: Hospital Discharge Destination		Home/Permanent residence Acute Care Hospita	-
					19	Other facility	1
					19	Expired	
						Against Medical Advice (AMA] Unknown	4
39	SURGSPECIALTY_BAR	Char	Medical specialty of the physician performing the Primary P	rocedure Variable Name: Medical Specialist	+	Gastroenterologis	+
	_	[				General surgeor	
					20	Interventional radiologis	_
	1					Metabolic and bariatric surgeor Other	1
10	OPYEAR	Num	Year of Operation	Year of initial bariatric or metabolic surgery	5		+
41	DTOP	Num	Days to operation from hospital admit date	Days to initial bariatric or metabolic surgery operation date from hospital		+	Values capped between 0 and 30.
				admission date	5,17		
42	DTDISCH_OP	Num	Days to discharge from operation date	Days to hospital discharge from initial bariatric or metabolic surgery date	5, 18		Values capped between 0 and 150.
43	DTDISCH_ADMIT	Num	Days to discharge from hospital admit date	Days to hospital discharge from hospital admission date	17, 18		Values capped between 0 and 180.
14	HGT	Num	Height	Variable Name: Height	21		
15	HGTUNIT	Char	Height Unit	Variable Name: Height	21	cm; in	
46	WGT_HIGH_BAR	Num	Highest Pre-Op Weight recorded	Variable Name: Highest Recorded Weight	22		
47	WGT_HIGH_UNIT_BAR	Char	Highest Pre-Op Weight recorded Unit	Variable Name: Highest Recorded Weight	22	kg; lbs	
48	BMI_HIGH_BAR	Num	Highest Recorded Pre-Op BMI	Calculated from highest recorded pre-op weight and height	22		Values capped between 15 and 150.
49	WGT_CLOSEST	Num	Pre-Op Weight closest to bariatric surgery	Variable Name: Weight Closest to Procedure	23		
50	WGTUNIT_CLOSEST	Char	Pre-Op Weight closest to bariatric surgery Unit	Variable Name: Weight Closest to Procedure	23	kg; lbs	
51	BMI	Num	Pre-Op BMI closest to bariatric surgery	Calculated from pre-op weight closest to procedure and height	23		Values capped between 15 and 150.
52	MBSAQIP_RISK_CALC	Char	MBSAQIP Risk Calculator Used	Variable Name: Risk Calculator Used	24	+	***
53	MBSAQIP_SUBST_SCRN	Char	Substance Abuse Screening Completed	Variable Name: Substance Abuse Screening Completed	25		1
54	FUNSTATPRESURG	Char	Pre-Op Functional Health Status	Variable Name: Functional Health Status		Independent	†
		0	,	The state of the s	26	Partially dependen	]
						I=	The state of the s
						Totally dependen	4
55	SMOKER	Char	Current smoker within one year	Variable Name: Current Smoker	27	Totally dependen Unknown Yes; No	

Se   Laparoscopic   missing.   Missing.   Missing.   Open								
Part	56	DIABETES	Char	Pre-Op Diabetes Mellitus	Variable Name: Diabetes Mellitus		Yes, insulin	
1						28	Yes, non-insulin	
1		MANUSCOURD THER	Ch	Dec On Charactellana and the fee Charactellana	Variable Name Income and Theorem	00	No V N-	
						29		
19	58	PREOP_COVID	Char	Preop COVID-19 Diagnosis	Variable Name: Preop COVID-19 Diagnosis			
March   Marc						34	Yes, suspected diagnosis (or ICD-10 code U07.2);	
March   Marc	50	COPD	Char	Pre-On history of COPD	Variable Name: History of Severe COPD	25	Vae: No	
1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0								
State								
10								
1.   1.   1.   1.   1.   1.   1.   1.								
1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5	63	PREVIOUS_SURGERY	Char	Previous Foregut Surgery		39	Yes; No	
Management   Man	64	MI_ALL_HISTORY	Char	History of MI	Variable Name: History of Myocardial Infarction	40	Yes; No	
1	65	PTC	Char	Previous PCI/PTCA	Variable Name: Previous PCI/PTCA	41	Yes; No	
1	66	PCARD	Char	Previous Cardiac Surgery	Variable Name: Previous Cardiac Surgery	42	Yes: No	
B								
March   Marc						43	res, No	
March   Marc	66	NBH IN_MEDS	Char	Number of Anti-rrypertensive Medications	variable Name: Number of Anti-rrypertensive Medications		1	+
						44	2	-
							3 or more	
17	69	HYPERLIPIDEMIA	Char	Pre-Op Hyperlipidemia	Variable Name: Hyperlipidemia	45	Yes; No	
Process	70	HISTORY DVT	Char	Pre-Op Venous Thrombosis Requiring Therapy	Variable Name: Preop Venous Thrombosis Requiring Therapy		Yes: No	
Part	71	THERAPEUTIC ANTICOAGULATION	Char				Yes: No	
Package   Pack								
March   State   Stat								
Manual Content						50	,	
March   Marc	74	IVC_TIMING	Char	Pre-Op IVC Filter Timing	variable Name: IVC Filter		IVC filter placed in anticipation of the metabolic or	IT IVC_FILTER = "No" then this variable will be missing.
MATURE   No.   N						50	Dariatric procedure	1
1								1
77   RABAN   Park   P	75	DIALYSIS	Char	Pre-On Requiring or on dialysis	Variable Name: Currently Requiring/On Dialysis	51	Yes: No	
17								
Page   September							1 00, 140	Volume around between 4 and 10
Proc.   Proc								
Month   Processor   Month   Dept from Continues for SQL acts to Operation   Dept from processor Continues to Intelligence suppry operation of all								
MODERATY   Name   Department Control on the Process Control on the								
Part	80	DPRCREAT	Num	Days from Creatinine Pre-Op Labs to Operation	Days from pre-operative Creatinine to initial bariatric surgery operation date	53		Values capped between 0 and 180.
PRINCE   Num	81	HCT	Num	Pre-Op Hematocrit Lab Value (%)	Variable Name: Preoperative Lab Value Information	53		Values capped between 8 and 60.
BESIGN   No.   Pro-Cyl Herogotian & Lab Value   Control Hero Procedure & Value Hormston.   51   1   1   1   1   1   1   1   1	82	DPRHCT						Values capped between 0 and 180
March   Marc								
\$\frac{85}{\text{CASS}}  \text{CASS}   \text{CASS}   \text{CASS}   \text{CASS}   \text{CASS}   \text{CASS}                                                                                                                                                                                                                                                        \qua								
Section   Control   Cont						53		values capped between 0 and 100.
APA   Secure patronic chase   APA	85	ASACLASS	Char	ASA Class	Variable Name: ASA Classification			
ARSTYTE							ASA II - Mild systemic disease	-
Mart						54	ASA III - Severe systemic disease threat to lif	-
MESTYPE							ASA V - Morihund	-
MarkSTYFE								
BY SALLON, TYPE  Other Procedure Approach  Fig. 18 ALLON, TYPE  Other Procedure Approach  Other Procedure Convented to Another Appro								
ALLOON_TYPE	86	ANESTYPE	Char	Intragastric Balloon Anesthesia Type	Variable Name: Intragastric Balloon Anesthesia Type		None assigned General	If INIT_PROC_DESC not ='Intragastric balloon placement'
Part	86	ANESTYPE	Char	Intragastric Balloon Anesthesia Type	Variable Name: Intragastric Balloon Anesthesia Type		None assigned General	If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.
BALCOK_TYPE	86	ANESTYPE	Char	Intragastric Balloon Anesthesia Type	Variable Name: Intragastric Balloon Anesthesia Type	55	None assigned General Monitored anesthesia care/IV Sedatio	If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.
Ball   SURGICAL_APPROACH   Char   Procedural Approach   Variable Name Procedural Approach   Surgicial Name Procedural Name Procedural Approach   Surgicial Name Procedural Name Proc	86	ANESTYPE	Char	Intragastric Balloon Anesthesia Type	Variable Name: Intragastric Balloon Anesthesia Type	55	None assigned General Monitored anesthesia care/IV Sedatio None Other	If INIT_PROC_DESC not = Intragastric balloon placement' then this field will be missing.
B						55	None assigned General Monitored anesthesia care/IV Sedatio None Other Local	then this field will be missing.
Survival							None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
SURGICAL_APPROACH							None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
Section   Page   Section							None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alfurfilled	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
ROBOTIC_ASST	87	BALLOON_TYPE	Char	Intragastric Balloon Type	Variable Name: Intragastric Balloon Type		None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
PPROACH_CONVERTED	87	BALLOON_TYPE	Char	Intragastric Balloon Type	Variable Name: Intragastric Balloon Type	56	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Affulfilled Fluid-filled Endoscopic	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
Post   Conversion   Char   Conversed - Final Procedural Approach   Variable Name: Procedure Converted to Another Approach   Se   Endoscopic   International	87	BALLOON_TYPE  SURGICAL_APPROACH	Char	Intragastric Balloon Type Procedural Approach	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach	56	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Affilled Fluid-filled Endoscopic Laparoscopic Open	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
Post   Conversion   Char   Conversed - Final Procedural Approach   Variable Name: Procedure Converted to Another Approach   Se   Endoscopic   International	88	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST	Char Char	Intragastric Balloon Type Procedural Approach Robotic Assist	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach	56 57	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled Endoscopic Laparoscopic Open	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
Part	88	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST	Char Char	Intragastric Balloon Type Procedural Approach Robotic Assist	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach	56 57 57	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled Endoscopic Laparoscopic Open	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement'
Common	88 88 89 90	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED	Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure converted to another approach	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach	56 57 57 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Air-filled Fluid-filled Endoscopic Laparoscopic Open Ves: No Yes: No	then this field will be missing.  If INIT_PROC_DESC not =Intragastric balloon placement' then this field will be missing.
Machine   Char   Drain Placed   Variable Name: Drain Placed   Variable Name: Drain Placed   S9   Yes, No	88 88 89 90	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED	Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure converted to another approach	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach	56 57 57 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Afrilled Fluid-filled Endoscopic Laparoscopic Open Open Yes, No Yes, No Yes, No	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be
DRAIN_PLACED	88 88 89 90	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION	Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure converted to another approach  Procedure Converted - Final Procedural Approach	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Converted to Another Approach  Variable Name: Procedure Converted to Another Approach	56 57 57 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Endoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Open	then this field will be missing.  If INIT_PROC_DESC not = Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
AMASTOMOSIS, CHECKED	88 89 90 91	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION	Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure converted to another approach  Procedure Converted - Final Procedural Approach	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Converted to Another Approach  Variable Name: Procedure Converted to Another Approach	56 57 57 58 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Endoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Open	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
96 OPLENGTH Num Operation Length (minutes) Length of baristric/metabolic surgery, in minutes  96 METH_VTEPROPHYL	88 89 90 91	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV	Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach	56 57 57 58 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Alrifilled Fluid-filled Endoscopic Laparoscopic Open Ves: No Ves: No Ves: No Open Ves: No Ves: No Ves: No Ves: No Ves: No	then this field will be missing.  If INIT_PROC_DESC not =Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
96 OPLENGTH Num Operation Length (minutes) Length of baristric/metabolic surgery, in minutes  96 METH_VTEPROPHYL	88 89 90 91	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED	Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach	56 57 57 58 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Alrifilled Fluid-filled Endoscopic Laparoscopic Open Ves: No Ves: No Ves: No Open Ves: No Ves: No Ves: No Ves: No Ves: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
METH_VTEPROPHYL   Char   VTE Prophylaxis Method(s)	88 89 90 91 92	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED	Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach	56 57 57 58 58 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Air-filled Filuid-filled Endoscopic Laparoscopic Open Yes: No Yes: No Fidesopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Open Yes: No Yes: No Yes: No Yes: No Yes: No Yes: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
Post-Option	88 89 90 91 92 93 94	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED  ANASTOMOSIS_CHECKED	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Anastomosis Staple Line Leak Test	56 57 57 58 58 58 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Air-filled Filuid-filled Endoscopic Laparoscopic Open Yes: No Yes: No Fidesopic Laparoscopic Laparoscopic Laparoscopic Laparoscopic Open Yes: No Yes: No Yes: No Yes: No Yes: No Yes: No	then this field will be missing.  If INIT_PROC_DESC not = 'Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
Mechanical and pharmacologic   Mechanical   Mec	88 89 90 91 92 93 94 95	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENETH	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Anastomosis/Staple Line Leak Test Operation Length (minutes)	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: AnastomosisStaple Line Leak Test  Length of barätric/metabolic surgery, in minutes	56 57 57 58 58 58 58	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled Endoscopic Laparoscopic Open Yes: No	then this field will be missing.  If INIT_PROC_DESC not = 'Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
97 OCCURRENCE_POST_YN Char   Intra-Op/Post-Op Occurrence   Postprocedural Information - Occurrences   Yes; No   98 POSTOPSUPERFICIALINCISIONALSSI   Char   Post-Op Superficial Incisional SSI   Variable Name: Superficial Incisional SSI   64   Yes; No   99 SSSIPATOS   Char   Post-Op Dep Incisional SSI   Variable Name: Superficial Incisional SSI   PATOS   66   Yes; No   101 POSTOPOEEIPINCISIONALSSI   Char   Post-Op Dep Incisional SSI   Variable Name: Open Incisional SSI   PATOS   67   Yes; No   101 DISSIPATOS   Char   Post-Op Organ/Space SSI   Variable Name: Organ/Space SSI   Variable Name: Organ/Space SSI   PATOS   68   Yes; No   102 POSTOPOEEIPINCISIONALSSI   Char   Post-Op Organ/Space SSI   Variable Name: Organ/Space SSI   70   Yes; No   103 OSSIPATOS   Char   Organ/Space SSI PATOS   Variable Name: Organ/Space SSI   PATOS   72   Yes; No   104 POSTOPANASTSILLEAK   Char   Post-Op Anastomotic/Staple Line Leak   Variable Name: Organ/Space SSI   PATOS   72   Yes; No   105 POSTOPANASTSILLEAK   Char   Post-Op Anastomotic/Staple Line Leak   Variable Name: Anastomotic/Staple Line Leak   73   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   73   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   73   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   73   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   74   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   74   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   74   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   75   Yes; No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   75   Yes; No   P	88 89 90 91 92 93 94 95	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED  ANASTOMOSIS_CHECKED  OPLENETH	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Anastomosis/Staple Line Leak Test Operation Length (minutes)	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: AnastomosisStaple Line Leak Test  Length of barätric/metabolic surgery, in minutes	56 57 57 58 58 58 58 60 60,61,62	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Endoscopic Laparoscopic Laparoscopic Laparoscopic Open Yes; No	then this field will be missing.  If INIT_PROC_DESC not = 'Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
97   OCCURRENCE_POST_YN   Char   Intra-OpPost-Op Occurrence   Postprocedural Information – Occurrences   Yes, No     98   POSTOPDSUERFICIALINCISIONALSSI   Char   Post-Op Superficial Incisional SSI   Variable Name: Superficial Incisional SSI   A Yes, No     99   SSSIPATOS   Char   Superficial Incisional SSI   Variable Name: Superficial Incisional SSI   PATOS   66   Yes, No     100   POSTOPDEEPINCISIONALSSI   Char   Post-Op Deep Incisional SSI   Variable Name: Deep Incisional SSI   PATOS   67   Yes, No     101   DSSIPATOS   Char   Deep Incisional SSI   PATOS   Variable Name: Deep Incisional SSI   PATOS   69   Yes, No     102   POSTOPORGANSPACESSI   Char   Post-Op Organ/Space SSI   Variable Name: Organ/Space SSI   70   Yes, No     103   OSSIPATOS   Char   Organ/Space SSI   PATOS   Variable Name: Organ/Space SSI   PATOS   72   Yes, No     104   POSTOPANASTSILEAK   Char   Post-Op Arastomotic/Staple Line Leak   Variable Name: Organ/Space SSI   PATOS   72   Yes, No     105   WOUNDDISRUPTION   Char   Post-Op Arastomotic/Staple Line Leak   Variable Name: Wound Disruption   74   Yes, No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   73   Yes, No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   73   Yes, No     106   POSTOPPNEMIONIA   Char   Post-Op Peumonia   Variable Name: Peumonia   75   Yes, No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   73   Yes, No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   74   Yes, No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   74   Yes, No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   74   Yes, No   Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak   74   Yes, No   Yes, No   Post-Op Organ/Space SSI o	88 89 90 91 92 93 94 95	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED  ANASTOMOSIS_CHECKED  OPLENETH	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Anastomosis/Staple Line Leak Test Operation Length (minutes)	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: AnastomosisStaple Line Leak Test  Length of barätric/metabolic surgery, in minutes	56 57 57 58 58 58 58 60 60,61,62	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fituid-filled Endoscopic Laparoscopic Open Ves: No Yes:	then this field will be missing.  If INIT_PROC_DESC not = 'Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
98   POSTOPSUPERFICIALINCISIONALSSI	88 89 90 91 92 93 94 95 96	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENETH METH_VTEPROPHYL	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatic/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis	56 57 57 58 58 58 58 60 60,61,62	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fituid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Yes; No Yes; No Yes; No Yes; No Mechanical only Pharmacologic only Mechanical and pharmacologii None Monameted Monameted Monameted Monameted None Mone Monameted Moname	then this field will be missing.  If INIT_PROC_DESC not = 'Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
9 SSIPATOS Char Superficial Incisional SSI PATOS Variable Name: Superficial Incisional SSI – PATOS 66 Yes; No 100 Post-Op Deep Incisional SSI PATOS Variable Name: Deep Incisional SSI — PATOS 69 Yes; No 101 DSIPATOS Char Deep Incisional SSI PATOS Variable Name: Deep Incisional SSI — PATOS 69 Yes; No 101 Deep Incisional SSI PATOS Variable Name: Deep Incisional SSI — PATOS 69 Yes; No 101 Deep Incisional SSI — PATOS 70 Post-Op Organ/Space SSI PATOS 70 Post-Op Deep Incisional SSI — PATO	88 89 90 91 92 93 94 95 96	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED  ANASTOMOSIS_CHECKED  OPLENGTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatic/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis	56 57 57 58 58 58 58 60 60,61,62	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fituid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Yes; No Yes; No Yes; No Yes; No Mechanical only Pharmacologic only Mechanical and pharmacologii None Monameted Monameted Monameted Monameted None Mone Monameted Moname	then this field will be missing.  If INIT_PROC_DESC not = 'Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
Post-Op DEEPINCISIONALSSI   Char   Post-Op Deep Incisional SSI   Variable Name: Deep Incisional SSI   67   Yes; No	88 89 90 91 92 93 94 95 96	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED  ANASTOMOSIS_CHECKED  OPLENGTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomossi/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences	56 57 57 58 58 58 58 59 60 61,62 63	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelded Fruid-filled Fru	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
101   DSSIPATOS   Char   Deep Incisional SSI PATOS   Variable Name: Deep Incisional SSI - PATOS   69   Yes, No	87 88 89 90 91 92 93 94 95 96	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED  OPLENGTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test  Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI	56 57 57 58 58 58 59 60 61,62 63	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Alrifilled Fluid-filled Endoscopic Laparoscopic Open Yes: No	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.
POSTOPORGANSPACESSI Char Post-Op Organ/Space SSI Variable Name: Organ/Space SSI 70 Yes, No  103 OSSIPATOS Char Organ/Space SSI PATOS Variable Name: Organ/Space SSI - PATOS 72 Yes, No  104 POSTOPANASTSLLEAK Char Post-Op Anastromotic/Staple Line Leak Variable Name: Anastromotic/Staple Line Leak 73 Yes, No  105 WOUNDDISRUPTION Char Post-Op Poeumona Variable Name: Mound Disruption 74 Yes, No  106 POSTOPPNEUMONIA Char Post-Op Pneumona Variable Name: Pneumonia 75 Yes, No  107 PNAPATOS Char Post-Op Pneumona PATOS Variable Name: Pneumonia - PATOS 75 Yes, No  108 UNPLINTUBATION Char Post-Op Unplanned Intubation Variable Name: Pneumonia - PATOS 78 Yes, No  109 PULMONARYEMBOLSM Char Post-Op Unplanned Intubation Variable Name: Pulmonary Embolism Pulmonary Embolism Variable Name: Pulmonary Embolism 81 Yes, No  110 POSTOPVENTILATOR Char Post-Op Unplanned Fibrosim Variable Name: Pulmonary Embolism 81 Yes, No  1110 POSTOPVENTILATOR Char Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  108 Variable Name: Pneumonia 75 Yes, No  109 PULMONARYEMBOLSM Char Post-Op Pulmonary Embolism Variable Name: Pulmonary Embolism 81 Yes, No  110 POSTOPVENTILATOR Char Post-Op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  111 VENTRATOS Char Post-Op Organ/Space SSI Occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  112 PROGRISENEALINDUF Char Post-Op Organ/Space SSI Occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  113 Variable Name: Post-Op Organ/Space SSI Occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  114 Ventratory Organ/Space SSI Occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  115 Ventratory Organ/Space SSI Occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  116 Ventratory Organ/Space SSI Occurrence must be assigned in order to assign Anastomotic/Staple Line Leak  117 Ventratory Organ/Space SSI Occurrence must be a	88 89 90 91 92 93 94 95 96	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENSTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI Superficial Incisional SSI PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatio/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Superficial Incisional SSI  Variable Name: Superficial Incisional SSI	56 57 57 58 58 58 59 60 61,62 63	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fluid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Yes; No Yes; No Yes; No Wesharical only Pharmacologic only Mechanical and pharmacologis None Yes; No Yes; No Yes; No Yes, No	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
103 OSSIPATOS Char Organ/Space SSI PATOS Variable Name: Organ/Space SSI - PATOS 72 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 73 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 74 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 74 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assign Anastomotic/Staple Line Leak 75 Ves; No Post-op Organ/Space SSI occurrence must be assigned in order to assi	87 88 89 90 91 92 93 94 95 96 97 98 99	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENSTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure Converted to another approach Procedure Converted - Final Procedural Approach Procedure Converted - Final Procedural Approach Robotic Assist Drain Placed Anastomosis/Staple Line Leak Test Operation Length (minutes) VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence Post-Op Superficial Incisional SSI Superficial incisional SSI PATOS Rost-Op Deep Incisional SSI SUperficial Incisional SSI SUperficial Incisional SSI	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Superficial Incisional SSI  Variable Name: Deep Incisional SSI	56 57 57 58 58 58 59 60 61,62 63 64 66 67	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affeld Fluid-filled Fluid-filled Fluid-filled Endoscopic Copen Yes: No Yes: No Yes: No Yes: No Mechanical only Pharmacologic only Mechanical and pharmacologis None Yes: No	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
Description   Post-Op Anastomotic/Staple Line Leak	88 89 90 91 92 93 94 95 96 97 98 99 100	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  ORAIN_PLACED ANASTOMOSIS_CHECKED OPLENSTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DOSSIPATOS	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test  Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI  Superficial Incisional SSI PATOS  Post-Op Deep Incisional SSI PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Drain Placed  Variable Name: VTE Prophylaxis  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Superficial Incisional SSI — PATOS  Variable Name: Deep Incisional SSI — PATOS	56 57 57 58 58 58 59 60 61, 62 63 64 66 67 69	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alf-filled Fluid-filled Endoscopic Laparoscopic Open Yes: No Yes: No Yes: No Yes: No Wechanical only Pharmacologic only Mechanical and pharmacologis None Yes: No	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
Description   Post-Op Anastomotic/Staple Line Leak	88 89 90 91 92 93 94 95 96 97 98 99 100 101 102	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED  ANASTOMOSIS_CHECKED  OPLENGTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINGISIONALSSI SSSIPATOS  POSTOPDEEPINCISIONALSSI DSSIPATOS  DSSIPATOS  POSTOPORCAMSPACESSI	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI Superficial Incisional SSI Superficial Incisional SSI PATOS  Post-Op Deep Incisional SSI PATOS  Deep Incisional SSI PATOS  Deep Incisional SSI PATOS  Deep Incisional SSI PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Type Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Deep Incisional SSI — PATOS	56 57 57 58 58 58 59 60 61,62 63 64 66 67 69 70	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelled Fruid-filled Fru	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
105   WOUNDDISRUPTION   Char   Post-Op Wound Disruption   Variable Name: Wound Disruption   74   Yes; No	88 89 90 91 92 93 94 95 96 97 98 99 100 101 102	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST  APPROACH_CONVERTED  CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED  ANASTOMOSIS_CHECKED  OPLENGTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINGISIONALSSI SSSIPATOS  POSTOPDEEPINCISIONALSSI DSSIPATOS  DSSIPATOS  POSTOPORCAMSPACESSI	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI Superficial Incisional SSI Superficial Incisional SSI PATOS  Post-Op Deep Incisional SSI PATOS  Deep Incisional SSI PATOS  Deep Incisional SSI PATOS  Deep Incisional SSI PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Type Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Deep Incisional SSI — PATOS	56 57 57 58 58 58 59 60 61,62 63 64 66 67 69 70	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelled Fruid-filled Fru	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.
106   POSTOPPNEUMONIA   Char   Post-Op Pneumonia   Variable Name: Pneumonia   75   Yes; No     107   PNAPATOS   Char   Pneumonia PATOS   Variable Name: Pneumonia PATOS   78   Yes; No     108   UNPLINTUBATION   Char   Post-Op Unplanned Intubation   Variable Name: Unplanned Intubation   79   Yes; No     109   PULMONARYEMBOLSM   Char   Post-Op Pulmonary Embolism   Variable Name: Pulmonary Embolism   81   Yes; No     110   POSTOPVENTILATOR   Char   Post-Op On Vertilator > 48 hours   Variable Name: On Vertilator > 48 Hours   82   Yes; No     111   VENTPATOS   Char   On Vertilator > 48 hours PATOS   Variable Name: On Vertilator > 48 hours   Post-Op Op O	88 89 90 91 92 93 94 95 96 97 98 99 100 101 102	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENGTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORGANSPACESSI OSSIPATOS OSSIPATOS OSSIPATOS	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure Converted to another approach Procedure Converted - Final Procedural Approach Procedure Converted - Final Procedural Approach Procedure Converted - Final Procedural Approach Robotic Assist Drain Placed Anastomosis/Staple Line Leak Test Operation Length (minutes) VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence Post-Op Superficial Incisional SSI Superficial Incisional SSI PATOS Post-Op Deep Incisional SSI Deep Incisional SSI PATOS Post-Op Organ/Space SSI Organ/Space SSI PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI — PATOS  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Organ/Space SSI — PATOS	56 57 57 58 58 58 58 60 61,62 63 64 66 67 69 70 72	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Alrifilled Fluid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Yes; No Mechanical only Pharmacologic only Mechanical and pharmacologis None Yes; No	then this field will be missing.  If INIT_PROC_DESC not = "Intragastric balloon placement" then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
106   POSTOPPNEUMONIA   Char   Post-Op Pneumonia   Variable Name: Pneumonia   75   Yes; No	88 89 90 91 92 93 94 95 96 97 98 99 100 101 102	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENGTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPANASTSLLEAK	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure Converted to another approach Procedure Converted - Final Procedural Approach Poral Propellogic (minutes) VTE Prophylaxis Method(s) VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence Post-Op Superficial Incisional SSI Superficial Incisional SSI PATOS Post-Op Deep Incisional SSI Deep Incisional SSI PATOS Post-Op Organ/Space SSI Organ/Space SSI PATOS Post-Op Organ/Space SSI PATOS Post-Op Anastomotic/Staple Line Leak	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI — PATOS  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Organ/Space SSI — PATOS  Variable Name: Organ/Space SSI — PATOS  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Anastomotic/Staple Line Leak	56 57 57 58 58 58 58 60 61,62 63 64 66 67 69 70 72 73	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Alrifilled Fluid-filled Endoscopic Laparoscopic Open Yes; No Yes; No Yes; No Mechanical only Pharmacologic only Mechanical and pharmacologis None Yes; No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
107	88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENGTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPANASTSLLEAK	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure Converted to another approach Procedure Converted - Final Procedural Approach Poral Propellogic (minutes) VTE Prophylaxis Method(s) VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence Post-Op Superficial Incisional SSI Superficial Incisional SSI PATOS Post-Op Deep Incisional SSI Deep Incisional SSI PATOS Post-Op Organ/Space SSI Organ/Space SSI PATOS Post-Op Organ/Space SSI PATOS Post-Op Anastomotic/Staple Line Leak	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI — PATOS  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Organ/Space SSI — PATOS  Variable Name: Organ/Space SSI — PATOS  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Anastomotic/Staple Line Leak	56 57 57 58 58 58 58 60 61,62 63 64 66 67 69 70 72 73	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Affilled Fluid-filled Endoscopic Laparoscopic Open Ves: No Yes: No Yes: No Mechanical only Pharmacologic only Mechanical and pharmacologi None None Yes: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
108         UNPLINTUBATION         Char         Post-Op Unplanned Intubation         Variable Name: Unplanned Intubation         79         Yes; No           109         PULMONARYEMBOLSM         Char         Post-Op Pulmonary Embolism         Variable Name: Pulmonary Embolism         81         Yes; No           110         POSTOPVENTILATOR         Char         Post-Op On Ventilator > 48 hours         Variable Name: On Ventilator > 48 Hours         82         Yes; No           111         VENTPATOS         Char         On Ventilator > 48 hours PATOS         Variable Name: On Ventilator > 48 Hours - PATOS         83         Yes; No           112         PROGRSRENALINSUF         Char         Progressive Renal Insufficiency         Variable Name: Progressive Renal Insufficiency/Acute Renal Insufficiency         Yes; No	87 88 89 90 91 92 93 94 95 96 97 97 100 101 102 103 104 104 105	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENETH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORCANSPACESSI OSSIPATOS POSTOPORCANSPACESSI OSSIPATOS POSTOPORCANSPACESSI OSSIPATOS POSTOPORCANSPACESSI OSSIPATOS POSTOPORCANSPACESSI OSSIPATOS POSTOPANASTSLLEAK WOUNDDISRUPTION	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI  Superficial Incisional SSI PATOS Post-Op Deep Incisional SSI PATOS  Post-Op Organ/Space SSI  Organ/Space SSI PATOS  Post-Op Anastomotic/Staple Line Leak  Post-Op Wound Disruption	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: VTE Prophylaxis  Postprocedural Information - Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Superficial Incisional SSI - PATOS  Variable Name: Deep Incisional SSI - PATOS  Variable Name: Organ/Space SSI  Variable Name: Organ/Space SSI  Variable Name: Organ/Space SSI  Variable Name: Organ/Space SSI  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Wound Disruption	56 57 57 58 58 58 58 60 61,62 63 64 66 67 69 70 72 73 74	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alir-filled Fituid-filled Endoscopic Laparoscopic Open Yes: No Yes: No Yes: No Yes: No Webanical and pharmacologic None Yes: No Mechanical and pharmacologic None Yes: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
109   PULMONARYEMBOLSM   Char   Post-Op Pulmonary Embolism   Variable Name: Pulmonary Embolism   81   Yes; No       110   POSTOPVENTILATOR   Char   Post-Op On Ventilator > 48 hours   Variable Name: On Ventilator > 48 Hours   82   Yes; No       111   VENTPATOS   Char   On Ventilator > 48 hours PATOS   Variable Name: On Ventilator > 48 hours - PATOS   83   Yes; No     112   PROGRSRENALINSUF   Char   Progressive Renal Insufficiency   Variable Name: Progressive Renal Insufficiency   Variable Name: Progressive Renal Insufficiency   Yes; No   Progressive Renal Insufficiency   Variable Name: Progressive Renal Insufficiency   Yes; No   Variable Name: Progressive Renal Insufficiency   Yes; No   Progressive Renal Insufficiency   Variable Name: Progressive Renal Insufficiency   Yes; No   Yes; No   Progressive Renal Insufficiency   Yes; No   Ye	87 88 89 90 91 91 92 93 94 95 96 97 100 101 102 103 104 105	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED  OPLENSTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPOPROGANSPACESSI OSSIPATOS POSTOPPANASTSLLEAK WOUNDDISRUPTION POSTOPPPNEUMONIA	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test  Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI  Superficial incisional SSI PATOS  Post-Op Openan/Space SSI  Organ/Space SSI PATOS  Post-Op Opan/Space SSI  Organ/Space SSI PATOS  Post-Op Anastomotic/Staple Line Leak  Post-Op Wound Disruption  Post-Op Housendomic Staple Line Leak  Post-Op Wound Disruption	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Procedure SSI  Variable Name: Procedure SSI  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Wound Disruption	56 57 57 58 58 58 58 59 60 61,62 63 64 66 67 69 70 72 73 74 75	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelde Fluid-filled Fluid-filled Fluid-filled Endoscopic Laparoscopic Open Yes: No Yes: No Yes: No Mechanical only Pharmacologic only Mechanical and pharmacologis None Yes: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
110         POSTOPVENTILATOR         Char         Post-Op On Ventilator > 48 hours         Variable Name: On Ventilator > 48 hours         82         Yes; No           111         VENTPATOS         Char         On Ventilator > 48 hours PATOS         Variable Name: On Ventilator > 48 hours – PATOS         82         Yes; No           112         POGRSRENALINSUF         Char         Progressive Renal Insufficiency         Variable Name: On Ventilator > 48 hours – PATOS         83         Yes; No	87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENGTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORCANSPACESSI OSSIPATOS POSTOPORCANSPACESSI OSSIPATOS POSTOPANASTSLLEAK WOUNDDISRUPTION POSTOPPHELIMONIA POSTOPPHELIMONIA POSTOPPHELIMONIA POSTOPPHELIMONIA POSTOPPHELIMONIA	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test  Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI  Superficial Incisional SSI PATOS  Post-Op Deep Incisional SSI PATOS  Post-Op Deep Incisional SSI PATOS  Post-Op Organ/Space SSI PATOS  Post-Op Organ/Space SSI PATOS  Post-Op Anastomotic/Staple Line Leak  Post-Op Wound Disruption  Post-Op Pneumonia  Proeumonia PATOS  Proeumonia PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Drain Placed  Variable Name: VTE Prophylaxis  Variable Name: VTE Prophylaxis  Postprocedural Information – Occurrences  Variable Name: Superficial Incisional SSI  Variable Name: Superficial Incisional SSI  Variable Name: Crgan/Space SSI – PATOS  Variable Name: Organ/Space SSI – PATOS  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Pneumonia	56 57 57 58 58 58 59 60 61,62 63 64 66 67 69 70 72 73 74 75 78	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adiustable Alrifilled Fluid-filled Endoscopic Laparoscopic Open Yes: No Yes: No Yes: No Wechanical only Pharmacologic only Mechanical and pharmacologi None Yes: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
111 VENTPATOS Char On Ventilator > 48 hours PATOS Variable Name: On Ventilator > 48 Hours - PATOS 83 Yes; No  112 PROGRSRENALINSUF Char Progressive Renal Insufficiency Variable Name: Progressive Renal Insufficiency/Acute Renal Failure Requirir 94 Yes; No	87 88 89 90 91 92 93 94 95 96 97 100 101 102 103 106 106 107 108	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENGTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINGISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPANASTSLLEAK  WOUNDDISRUPTION POSTOPPNEUMONIA PNAPATOS UNPLINTUBATION	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Indisional SSI SU Superficial Indisional SSI PATOS  Post-Op Deep Incisional SSI PATOS  Post-Op Deep Incisional SSI PATOS  Post-Op Opan/Space SSI PATOS  Post-Op Opan/Space SSI PATOS  Post-Op Anastomotic/Staple Line Leak  Post-Op Wound Disruption  Post-Op Wound Disruption  Post-Op Poeumonia  Pneumonia PATOS  Post-Op-Poeumonia  Pneumonia PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Propariable Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI — PATOS  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Organ/Space SSI  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Pneumonia	56 57 57 58 58 58 58 59 60 61,62 63 64 66 67 70 72 73 74 75 78 79	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelded Fruid-filled Fru	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
111 VENTPATOS Char On Ventilator > 48 hours PATOS Variable Name: On Ventilator > 48 Hours - PATOS 83 Yes; No  112 PROGRSRENALINSUF Char Progressive Renal Insufficiency Variable Name: Progressive Renal Insufficiency/Acute Renal Failure Requirir Yes; No	87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 107 108 109 100 100 100 100 100 100 100	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENGTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI OSSIPATOS POSTOPDEEPINCISIONALSSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPPANASTSLLEAK WOUNDDISRUPTION POSTOPPNEUMONIA PNAPATOS UNPLINTUBATION PULMONARYEMBOLSM	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure Converted to another approach Procedure Converted - Final Procedural Approach Procedure Converted - Final Procedural Approach Procedure Converted - Final Procedural Approach Robotic Assist Drain Placed Anastomosis/Staple Line Leak Test Operation Length (minutes) VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence Post-Op Superficial Incisional SSI Superficial Incisional SSI PATOS Post-Op Poge Incisional SSI PATOS Post-Op Organ/Space SSI Organ/Space SSI PATOS Post-Op Anastomotic/Staple Line Leak Post-Op Wound Disruption Post-Op Wound Disruption Post-Op Unplanned Intubation Post-Op Unplanned Intubation Post-Op Unplanned Intubation Post-Op Optionary Embolism	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI — PATOS  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Postproce SSI — PATOS  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Pneumonia	56 57 57 58 58 58 58 60 61,62 63 64 66 67 69 70 72 73 74 75 78 79 81	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelied Fluid-filled Fluid-filled Endoscopic Laparoscopic Open Ves: No Ves: No Ves: No Mechanical only Pharmacologic only Mechanical and pharmacologi Ves: No Ves: N	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
112 PROGRSRENALINSUF Char Progressive Renal Insufficiency Variable Name: Progressive Renal Insufficiency/Acute Renal Failure Requirir	87 88 89 90 91 92 93 94 95 96 99 100 101 102 103 104 105 106 107 108 109	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED OPLENGTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI OSSIPATOS POSTOPDEEPINCISIONALSSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPPANASTSLLEAK WOUNDDISRUPTION POSTOPPNEUMONIA PNAPATOS UNPLINTUBATION PULMONARYEMBOLSM	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI  Superficial Incisional SSI PATOS Post-Op Deep Incisional SSI PATOS Post-Op Deep Incisional SSI PATOS Post-Op Organ/Space SSI  Organ/Space SSI PATOS  Post-Op Anastomotic/Staple Line Leak  Post-Op Wound Disruption  Post-Op Pneumonia  Pneumonia PATOS  Post-Op Unplanned Intubation  Post-Op Optilator - 48 hours	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Postprocedural Information — Occurrences  Variable Name: Superficial Incisional SSI — PATOS  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI — PATOS  Variable Name: Postproce SSI — PATOS  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Pneumonia	56 57 57 58 58 58 58 60 61,62 63 64 66 67 69 70 72 73 74 75 78 79 81	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelied Fluid-filled Fluid-filled Endoscopic Laparoscopic Open Ves: No Ves: No Ves: No Mechanical only Pharmacologic only Mechanical and pharmacologi Ves: No Ves: N	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
	88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  ORAIN_PLACED ANASTOMOSIS_CHECKED OPLENSTH  METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS UNPLINTUBATION POSTOPPNELIMONIA PNAPATOS UNPLINTUBATION PULMONARYEMBOLSM POSTOPVENTILATOR	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist  Procedure Converted to another approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach  Procedure Converted - Final Procedural Approach Robotic Assist  Drain Placed  Anastomosis/Staple Line Leak Test Operation Length (minutes)  VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence  Post-Op Superficial Incisional SSI  Superficial Incisional SSI PATOS Post-Op Deep Incisional SSI PATOS Post-Op Deep Incisional SSI PATOS Post-Op Organ/Space SSI  Organ/Space SSI PATOS  Post-Op Anastomotic/Staple Line Leak  Post-Op Wound Disruption  Post-Op Pneumonia  Pneumonia PATOS  Post-Op Unplanned Intubation  Post-Op Optilator - 48 hours	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: YTE Prophylaxis  Variable Name: YTE Prophylaxis  Variable Name: Superficial Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Deep Incisional SSI PATOS  Variable Name: Organ/Space SSI  Variable Name: Organ/Space SSI  Variable Name: Progan/Space SSI  Variable Name: Progan/Space SSI  Variable Name: Wound Disruption  Variable Name: Pneumonia  Variable Name: Pneumonia  Variable Name: Unplanned Intubation  Variable Name: Unplanned Intubation  Variable Name: Unplanned Intubation  Variable Name: Unplanned Intubation	56 57 57 58 58 58 58 60 61, 62 63 64 66 67 70 72 73 74 75 78 79 81 82	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adjustable Alf-filled Filud-filled Endoscopic Laparoscopic Open Yes: No Yes: No Yes: No Mechanical only Pharmacologic only Mechanical and pharmacologi None Yes: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.
	87 88 89 90 91 92 93 94 95 96 99 100 101 102 103 104 105 106 107 108 109 110 110 111	BALLOON_TYPE  SURGICAL_APPROACH  ROBOTIC_ASST APPROACH_CONVERTED CONVERSION  ROBOTIC_ASST_CONV  DRAIN_PLACED ANASTOMOSIS_CHECKED  OPLENGTH METH_VTEPROPHYL  OCCURRENCE_POST_YN POSTOPSUPERFICIALINCISIONALSSI SSSIPATOS POSTOPDEEPINCISIONALSSI DSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPORGANSPACESSI OSSIPATOS POSTOPPONGANSPACESSI OSSIPATOS POSTOPPANASTSLLEAK WOUNDDISRUPTION POSTOPPHEUMONIA PNAPATOS UNPLINTUBATION PULMONARYEMBOLSM POSTOPVENTILATOR VENTPATOS	Char Char Char Char Char Char Char Char	Intragastric Balloon Type  Procedural Approach  Robotic Assist Procedure Converted to another approach Procedure Converted - Final Procedural Approach Robotic Assist Drain Placed Anastomosis/Staple Line Leak Test Operation Length (minutes) VTE Prophylaxis Method(s)  Intra-Op/Post-Op Occurrence Post-Op Superficial Incisional SSI Superficial Incisional SSI PATOS Post-Op Deep Incisional SSI PATOS Post-Op Deep Incisional SSI PATOS Post-Op Anastomotic/Staple Line Leak Post-Op Poulmonary Embolism Post-Op Pulmonary Embolism Post-Op Pulmonary Embolism Post-Op On Ventilator - 48 hours On Ventilator - 48 hours PATOS	Variable Name: Intragastric Balloon Type  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedural Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Procedure Converted to Another Approach  Variable Name: Drain Placed  Variable Name: Drain Placed  Variable Name: Anastomosis/Staple Line Leak Test  Length of bariatric/metabolic surgery, in minutes  Variable Name: VTE Prophylaxis  Variable Name: VTE Prophylaxis  Variable Name: Superficial Incisional SSI  Variable Name: Deep Incisional SSI  Variable Name: Poep Incisional SSI PATOS  Variable Name: Progan/Space SSI  Variable Name: Anastomotic/Staple Line Leak  Variable Name: Pheumonia  Variable Name: Pulmonary Embolism  Variable Name: Pulmonary Embolism  Variable Name: Pulmonary Embolism  Variable Name: Pulmonary Embolism  Variable Name: On Ventilator > 48 Hours  Variable Name: On Ventilator > 48 Hours  Variable Name: On Ventilator > 48 Hours  Variable Name: On Ventilator > 64 Hours	56  57  57  58  58  58  58  59  60  61,62  63  64  66  67  70  72  73  74  75  78  79  81  82  83	None assigned General Monitored anesthesia care/IV Sedatio None Other Local Absorbable Adustable Affelled Fluid-filled Fluid-filled Fluid-filled Endoscopic Copen Yes: No Yes: No Yes: No Mechanical only Pharmacologic only Mechanical and pharmacologi None Yes: No	then this field will be missing.  If INIT_PROC_DESC not ='Intragastric balloon placement' then this field will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If APPROACH_CONVERTED = "No" then this variable will be missing.  If STAPLING_PROC = "No" then this variable will be missing.  Values capped between 1 and 720.

113	ACTERENALFAILURE	Char	Acute Renal Failure	Variable Name: Progressive Renal Insufficiency/Acute Renal Failure Requirin	84	Yes; No	
114	POSTOPUTI	Char	Post-Op Urinary Tract Infection	Dialysis Variable Name: Urinary Tract Infection	85	Yes; No	
115	UTIPATOS	Char	Urinary Tract Infection PATOS	Variable Name: UTI – PATOS	87	Yes; No	
116	CVA	Char	Post-Op Stroke/CVA	Variable Name: Stroke/CVA	88	Yes: No	
117	CARDIACARRESTCPR	Char		Variable Name: Cardiac Arrest Requiring CPR	89	Yes: No	
118	MYOCARDIALINFR	Char	Intra-Op or Post-Op Myocardial Infarction	Variable Name: Myocardial Infarction	90	Yes: No	
119	TRANSFINTOPPSTOP	Char	Transfusion Intra-Op/Post-Op (72h of surgery start time)	Variable Name: Blood Transfusion	92	Yes; No	
120	BLEEDING_UNITS	Num	Number of Blood Units Transfused	Variable Name: Blood Transfusion	92		If TRANSFINTOPPSTOP = "Yes", values capped between 1 and 20. If TRANSFINTOPPSTOP = "No" then this variable =
121	VEINTHROMBREQTER	Char	Post-Op Venous Thrombosis Requiring Therapy	Variable Name: Postop Venous Thrombosis Requiring Therapy	94	Yes: No	0.
122	CDIFF	Char	Clostridium difficile (C.diff) Colitis	Variable Name: C. diff Colitis	95	Yes; No	
123	POSTOPSEPSIS	Char	Post-Op Sepsis	Variable Name: Sepsis	97	Yes; No	
124	SEPSISPATOS	Char	Sepsis PATOS	Variable Name: Sepsis – PATOS	100	Yes; No	
125	POSTOPSEPTICSHOCK	Char	Post-Op Septic Shock	Variable Name: Septic Shock	101	Yes; No	
126	SEPSHOCKPATOS	Char	Septic Shock PATOS	Variable Name: Septic Shock – PATOS	102	Yes; No	
127	UNPLANNEDADMISSIONICU30	Char		Variable Name: Unplanned Admission to ICU	103	Yes; No	
128	GITRACTBLEED	Char	Post-Op GI Tract Bleeding	Variable Name: Gastrointestinal Tract Bleeding	104	Yes; No	
129	BOWELOBSTRUCTION	Char	Post-Op Bowel Obstruction	Variable Name: Bowel Obstruction	105	Yes; No	
130	POSTOP_COVID  REOP30	Char	Post-Op COVID-19 Diagnosis  At Least One Reoperation within 30 days of operation	Variable Name: New Postop COVID-19 Diagnosis  Any Reoperation date recorded within 30 days from initial bariatric surgery	106	Yes, lab-confirmed diagnosis (or ICD-10 code U07.1 Yes, suspected diagnosis (or ICD-10 code U07.2);	See separate Reoperation file.
132	READ30	Char	, , ,	operation date	119	Yes; No Yes: No	See separate Reoperation file.  See separate Readmission file.
132	INTV30	Char	At Least One Readmission within 30 days of operation  At Least One Intervention within 30 days of operation	Any Readmission date recorded within 30 days from initial bariatric surgery operation date  Any Intervention date recorded within 30 days from initial bariatric surgery	113	Yes; No Yes; No	See separate Readmission file.  See separate Intervention file.
133	DEHYD_TRTMT_OUT	Char		Any intervention date recorded within 30 days from initial bariatric surgery operation date   Variable Name: IV Treatment as an Outpatient	129	Yes; No	ooo separate intervention life.
135	DEHYD_NUM_TRTMTS	Char	Number of IV Treatment Outpatient visits	Variable Name: IV Treatment as an Outpatient  Variable Name: IV Treatment as an Outpatient	107	1	If DEHYD_TRTMT_OUT = 'No' then this variable will be
. 50			Total Control of the	- supulori		2	missing.
					107	3	4
						5 or more	1
136	EMERG_VISIT_OUT	Char	Emergency Department (ED) Visits	Variable Name: Emergency Department (ED) Visits	108	Yes; No	
137	EMERG_NUM_TIMES	Num	Number of Emergency Department (ED) Visits	Variable Name: Emergency Department (ED) Visits	108		If EMERG_VISIT_OUT= 'No' then this variable will be missing
138	ED_VSTNM_1	Char	Discharge Diagnosis - ED Visit 1	Variable Name: Emergency Department (ED) Visits		See Options list on page 139 in Variables MBSAQIF	,
139	ED_VSTNM_2	Char	Discharge Diagnosis - ED Visit 2			PUF Definitions	
140	ED_VSTNM_3	Char	Discharge Diagnosis - ED Visit 3				
141	ED_VSTNM_4	Char	Discharge Diagnosis - ED Visit 4				
142	ED_VSTNM_5	Char	Discharge Diagnosis - ED Visit 5				
143	ED_VSTNM_6	Char	Discharge Diagnosis - ED Visit 6		108		
144	ED_VSTNM_7 ED_VSTNM_8	Char	Discharge Diagnosis - ED Visit 7				
145	ED_VSTNM_8 ED_VSTNM_9	Char	Discharge Diagnosis - ED Visit 8  Discharge Diagnosis - ED Visit 9				
147	ED_VSTNM_9 ED_VSTNM_10	Char	Discharge Diagnosis - ED Visit 9  Discharge Diagnosis - ED Visit 10				
148	ED_VSTNM_10	Char	Discharge Diagnosis - ED Visit 10				
149	ED_VSTNM_12	Char	Discharge Diagnosis - ED Visit 12				
150	DT_EDVISIT_1	Num	Days from operation date to ED Visit 1	Variable Name: Emergency Department (ED) Visits			Values capped between 0 and 30.
151	DT_EDVISIT_2	Num	Days from operation date to ED Visit 2	, , , , , , , , , , , , , , , , , , ,			
152	DT_EDVISIT_3	Num	Days from operation date to ED Visit 3				
153	DT_EDVISIT_4	Num	Days from operation date to ED Visit 4				
154	DT_EDVISIT_5	Num	Days from operation date to ED Visit 5				
155	DT_EDVISIT_6	Num	Days from operation date to ED Visit 6		108		
156	DT_EDVISIT_7	Num	Days from operation date to ED Visit 7	_	100		
157	DT_EDVISIT_8	Num	Days from operation date to ED Visit 8				
158	DT_EDVISIT_9	Num	Days from operation date to ED Visit 9				
159 160	DT_EDVISIT_10	Char	Days from operation date to ED Visit 10				
160	DT_EDVISIT_11 DT_EDVISIT_12	Char	Days from operation date to ED Visit 11  Days from operation date to ED Visit 12				
161	DT_EDVISIT_12 DTPOSTOPSUPERFINCSSI	Num		Days to first recorded Superficial Incisional SSI occurrence from initial bariatri	c		Values capped between 0 and 30. If
102		inuffi	SSI	applys to first recorded Superficial Incisional SSI occurrence from initial bariatri surgery operation date	64		Values capped between 0 and 30. If POSTOPSUPERFICIALINCISIONALSSI = "No" then this variable will be missing.
163	DTPOSTOPDEEPINCISIONALSSI	Num	Days from operation date to first recorded date of Deep Incisional SS	Days to first recorded Deep Incisional SSI occurrence from initial bariatric surgery operation date	67		Values capped between 0 and 30. If POSTOPDEEPINCISIONALSSI = "No" then this variable will
164	DTPOSTOPORGANSPACESSI	Num	Days from operation date to first recorded date of Organ/Space SSI	Days to first recorded Organ/Space SSI occurrence from initial bariatric			be missing. Values capped between 0 and 30. If
40-	DTANAGE STAN			surgery operation date	70		POSTOPORGANSPACESSI = "No" then this variable will be missing.
165	DTANASTSLLEAK	Num	Line Leak	Days to first recorded Anastomotic/Staple Line Leak occurrence from initial bariatric surgery operation date	73		Values capped between 0 and 30. If POSTOPANASTSLLEAR = "No" then this variable will be missing.
166	DTPOSTOPVENTILATOR	Num	Hours	Days to first recorded On Ventilator > 48 Hours occurrence from initial bariatr surgery operation date	c 82		Values capped between 0 and 30. If POSTOPVENTILATOR = "No" then this variable will be missing.
167	DTPOSTOPPNEUMONIA	Num	Days from operation date to first recorded date of Pneumonia	Days to first recorded Pneumonia occurrence from initial bariatric surgery operation date	75		Values capped between 0 and 30. If POSTOPPNEUMONIA = "No" then this variable will be missing.
168	DTPOSTOPSEPSIS	Num	Days from operation date to first recorded date of Sepsis	Days to first recorded Sepsis occurrence from initial bariatric surgery operatio date	n 97		Values capped between 0 and 30. If POSTOPSEPSIS = "No" then this variable will be missing.
169	DTPOSTOPSEPTICSHOCK	Num	Days from operation date to first recorded date of Septic Shock	Days to first recorded Septic Shock occurrence from initial bariatric surgery operation date	101		Values capped between 0 and 30. If POSTOPSEPTICSHOCH = "No" then this variable will be missing.
170	DTPOSTOPUTI	Num	Days from operation date to first recorded date of Urinary Tract	Days to first recorded Urinary Tract Infection occurrence from initial bariatric	85		Values capped between 0 and 30. If POSTOPUTI = "No" then
170	DTPOSTOPUTI DTWOUNDDISRUPTION	Num	Infection	Days to first recorded Urinary Tract Infection occurrence from initial bariatric surgery operation date  Days to first recorded Wound Disruption occurrence from initial bariatric	85 74		Values capped between 0 and 30. If POSTOPUTI = "No" then this variable will be missing.  Values capped between 0 and 30. If WOUNDDISRUPTION =

172	DTUNPLINTUBATION	Num	Days from operation date to first recorded date of Unplanned	Days to first recorded Unplanned Intubation occurrence from initial bariatric			Values capped between 0 and 30. If UNPLINTUBATION =
				surgery operation date	79		"No" then this variable will be missing.
173	DTPULMONARYEMBOLSM	Num	Days from operation date to first recorded date of Pulmonary Embolis	Days to first recorded Pulmonary Embolism occurrence from initial bariatric			Values capped between 0 and 30. If PULMONARYEMBOLSN
				surgery operation date	81		= "No" then this variable will be missing.
174	DTPROGRSRENALINSUE	Num	Days from operation date to Progressive Renal Insufficiency	Days to Progressive Renal Insufficiency occurrence from initial bariatric			Values capped between 0 and 30. If PROGRSRENALINSUF
.,,	DTI KOOKSKEIVAEIVOOI	ream		surgery operation date	84		= "No" then this variable will be missing.
				• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •
175	DTACTERENALFAILURE	Num	Days from operation date to Acute Renal Failure	Days to Acute Renal Failure occurrence from initial bariatric surgery operation			Values capped between 0 and 30. If ACTERENALFAILURE =
				date	84		"No" then this variable will be missing.
176	DTCVA	Num	Days from operation date to first recorded date of Stroke/CVA	Days to first recorded Stroke/CVA occurrence from initial bariatric surgery	88		Values capped between 0 and 30. If CVA = "No" then this
				operation date	88		variable will be missing.
177	DTCARDIACARRESTCPR	Num		Days to first recorded Cardiac Arrest Requiring CPR occurrence from initial			Values capped between 0 and 30. If CARDIACARRESTCPR
			Requiring CPR	bariatric surgery operation date	89		= "No" then this variable will be missing.
178	DTMYOCARDIALINFR	Num	Days from operation date to first recorded date of Myocardial Infarction	Days to first recorded Myocardial Infarction occurrence from initial bariatric	90		Values capped between 0 and 30. If MYOCARDIALINFR =
				surgery operation date	90		"No" then this variable will be missing.
179	DTTRANSFINTOPPSTOP	Num	Days from operation date to Blood Transfusion (72h)	Days to Blood Transfusion (72h) occurrence from initial bariatric surgery	92		Values capped between 0 and 3. If TRANSFINTOPPSTOP =
180	DTVEINTHROMBREGTER	Num	Days from eneration date to first recorded date of Veneus Thrombook	operation date  Days to first recorded Venous Thrombosis Requiring Therapy occurrence from			"No" then this variable will be missing.  Values capped between 0 and 30. If VEINTHROMBREQTER
100	DIVENTIROMBREQIER	Nulli		initial bariatric surgery operation date	94		= "No" then this variable will be missing.
			rioquining riolopy	initial ballatile ballgery operation date	0.4		- 110 then the tanable this be incomig.
181	DTUNPLANADMICU	Num		Days to first recorded Unplanned Admission to ICU occurrence from initial			Values capped between 0 and 30. If
			Admission to ICU	bariatric surgery operation date	103		UNPLANNEDADMISSIONICU30 = "No" then this variable will
182	DTGITRACTBLEED	Num	Days from operation date to first recorded date of GI Tract Bleed	Days to first recorded Gastrointestinal Tract Bleeding occurrence from initial			be missing.  Values capped between 0 and 30. If GITRACTBLEED = "No"
102	DIGITRACIBLEED	Num		bariatric surgery operation date	104		then this variable will be missing.
183	DTBOWELOBSTRUCTION	Num	Days from operation date to first recorded date of Bowel Obstruction	Days to first recorded Bowel Obstruction occurrence from initial bariatric			Values capped between 0 and 30. If BOWELOBSTRUCTION
				surgery operation date	105		= "No" then this variable will be missing.
184	DTCDIFF	Num	Days from operation date to C. diff Infection	2			VI A LOS KODITE IN LICE AL
184	DICDIFF	Num	Days from operation date to C. diff infection	Days to C. diff Infection occurrence from initial bariatric surgery operation date	95		Values capped between 0 and 30. If CDIFF = "No" then this variable will be missing.
185	FOLLOW_30DAYS_BAR	Char	Follow-up data (30 Day) Captured	Variable Name: Morbidity Occurrences, Events, and Mortality Data Captured	109	Yes; No	variable will be missing.
186	WGT_CLOSEST30D	Num	Post-Op Weight Closest to Day 30	Variable Name: Weight Closest to Day 30	111	· ·	
187	WGTUNIT_CLOSEST30D	Char	Post-Op Weight Closest to Day 30 Unit	Variable Name: Weight Closest to Day 30	111	kg; lbs	
188	BMI_CLOSEST30D	Num	Post-Op BMI Closest to Day 30	Calculated from weight closest to day 30 post-op and height	111		Values capped between 15 and 150.
189	DTBMI_30D	Num	Days from bariatric surgery to Post-Op BMI measurement	Days from bariatric surgery to Post-Op BMI Closest to Day 30 measurement	111		Values capped between 0 and 30.
190	PHYSASS_30D	Char	Post-Op Physical Assessment (30 Day)	Variable Name: Physical Assessment Completed	112	Yes; No	
191	DTDEATH_OP	Num	Days to death from operation date	Days to death from initial bariatric surgery operation date	137		Values capped between 0 and 30.

#### **REOPERATION**

Position #	Variable Name	Data Type	Variable Label	Search Term in Variables and Definitions	Page Number in Variables and Definitions	Variable Options	Comments
1	CASEID	Num	Case Identification Number	Each case or record in the database has a unique CaseID number.			
2	REOP_CENTER	Char	Reoperation Performed at Reporting Site	Variable Name: Performed at Your Site	116	Yes; No	
3	REOP_WEIGHTLOSS_MNFUT	Char	Reoperation To Maintain or for Future Weight Loss	Variable Name: To Maintain or for Future Weight Loss	117	Yes; No	
4	REOP_UNPLANNED	Char	Unplanned Reoperation	Variable Name: Unplanned Reoperation	120	Yes; No	
5	REOP_EMERGENCY	Char	Reoperation Emergency Case	Variable Name: Emergency Case (Reoperation form)	121	Yes; No	
6	REOP_STAPLING_PROC	Char	Reoperation Stapler Used/Anastomosis Completed	Variable Name: Stapler Used or Anastomosis Completed (Reoperation form)	122	Yes; No	
7	REOP_SURGICAL_APPROACH	Char	Reoperation Final Procedural Approach	Variable Name: Final Surgical		Endoscopic	
				Approach (Reoperation form)	123	Laparoscopic	
						Open	
8	REOP_ROBOTICASST	Char	Reoperation Robotic Assist	Variable Name: Final Surgical Approach (Reoperation form)	123	Yes; No	
9	REOP_DIAGNOSIS	Char	Reoperation Postprocedural Diagnosis	Variable Name: Postprocedural Diagnosis (Reoperation form)	124	See Options list on page 139 in Variables MBSAQIP PUF Definitions	
10	REOP_TYPE	Char	Reoperation Type	Variable Name: Reoperation Type		See Table on page125 in MBSAQIP PUF Definitions	
11	REOP_CPT	Char	Reoperation CPT Code	Variable Name: Reoperation Type	125	CPT® code.	
12	REOP_PREV_PROC	Char	Reoperation Previous Metabolic or Bariatric Procedure	Variable Name: Conversions - Previous Metabolic and Bariatric Procedure (Reoperation form)	127	See Options list on page 127 in Variables MBSAQIP PUF Definitions	
13	REOP_CURR_PROC	Char	Reoperation Current Procedure	Variable Name: Conversions - Current Procedure (Reoperation form)	128	See Options list on page 128 in Variables MBSAQIP PUF Definitions	
14	DTREOP	Num	Days to Reoperation	Days from initial bariatric or metabolic surgery procedure to reoperation			Values capped between and 30.

#### **READMISSION**

Position #	Variable Name	Data Type	Variable Label	Search Term in Variables and Definitions	Page Number in Variables and Definitions	Variable Options	Comments
1	CASEID	Num	Case Identification Number	Each case or record in the database has a unique CaseID number.			
2	READ_HOSPITAL	Char	Readmission Occurred at Reporting Center	Variable Name: Readmission	113	Yes; No	
3	READ_UNPLANNED	Char	Unplanned Readmission	Variable Name: Unplanned Readmission	115	Yes; No	
4	READ_DIAGNOSIS	Char	Readmission Discharge Diagnosis	Variable Name: Readmission	113, 139	See Options list on page 139 in Variables MBSAQIP PUF Definitions	
5	DTREAD	Num	Days from Operation date to Readmission	Days from initial bariatric or metabolic surgery procedure to readmission	5, 113		Values capped between 0 and 30.
6	DTREAD_DISCH	Num	Days from Original Discharge to Readmission	Days to readmission from original hospital stay discharge	18, 113		Values capped between 0 and 30.
7	DTDISDT_READ	Num	Days from Readmission to Readmission Discharge	Days to readmission discharge from readmission date	113		Values capped between 0 and 150.

#### **INTERVENTION**

Position #	Variable Name	Data Type	Variable Label	Definitions	Page Number in Variables and Definitions	Variable Options	Comments
1	CASEID	Num	Case Identification Number	Each case or record in the database has a unique CaseID number.			
2	INTV_CENTER	Char	Intervention Performed at Reporting Site	Variable Name: Performed at Your Site	116	Yes; No	
3	INTV_WEIGHTLOSS_MNFUT	Char	Intervention To Maintain or for Future Weight Loss	Variable Name: To Maintain or for Future Weight Loss	117	Yes; No	
4	INTV_UNPLANNED_BAR	Char	Unplanned Intervention	Variable Name: Unplanned Intervention	131	Yes; No	
5	INTV_EMERGENCY_BAR	Char	Intervention Emergency Case	Variable Name: Emergency Case (Intervention form)	132	Yes; No	
6	INTV_ANESTYPE	ANESTYPE Char	Туре	Variable Name: Intragastric Balloon Anesthesia Type (Intervention form)	133	General	If INTV_TYPE not = 'Intragastric balloon adjustment', 'Intragastric balloon placement', or 'Intragastric balloon removal', then this variable
						Local	
						Monitored anesthesia care/IV sedation	
						None	will be missing.
						Other	
7	INTV_IGBALLOON_TYPE	Char	Intervention Intragastric Balloon Type	Variable Name: Intragastric		Absorbable	If INTV_TYPE not = 'Intragastric
				Balloon Type (Intervention form)		Adjustable	balloon adjustment', 'Intragastric
					134	Air-filled	balloon placement', or 'Intragastric balloon removal', then this variable
						Fluid-filled	will be missing.
8	INTV_TYPE	Char	Intervention Type	Variable Name: Intervention Type	135		, , , , , , , , , , , , , , , , , , ,
9	INTV_DIAGNOSIS	Char	Intervention Postprocedural Diagnosis	Variable Name: Postprocedural Diagnosis (Intervention form)	136, 139	See Options list on page 139 in Variables MBSAQIP PUF Definitions	
10	DTINTV	Num	Days from Operation date to Intervention	Days from the initial metabolic and bariatric surgical operation to the intervention procedure			Values capped between 0 and 30.



# METABOLIC AND BARIATRIC SURGERY ACCREDITATION AND QUALITY IMPROVEMENT PROGRAM





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