

BMC2

MISHC TAVR Report Dictionary

A guide that provides line item detail for Michigan TAVR hospital reports.
Updated 2/1/2023

Dashboard

Discharges

Numerator: The number of discharges that were discharged during the reporting period undergoing one or more TAVR procedures.

Denominator: The number of discharges undergoing one or more TAVR procedures that were discharged during the reporting period.

(This will always show as 100%.)

Procedures

Numerator: The total number of TAVR procedures that were discharged during the reporting period.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

(This will always show as 100%.)

TAVR with Concomitant Procedure

Numerator: The total number of TAVR procedures that were discharged during the reporting period with Concomitant Procedures Performed, #7065, documented as Yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Procedure Aborted

Numerator: The number of TAVR procedures that were discharged during the reporting period where Procedure Aborted, SEQ #13505, is documented as Yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Post-Procedure Length of Stay

Computes the mean, median, and standard deviation of the number of days a patient remained hospitalized after their first TAVR procedure that were discharged during the reporting period. Computed as the difference between the Procedure Start Date SEQ #7000 and Discharge Date SEQ #10100.

Length of Stay

Computes the mean, median, and standard deviation of the number of days a patient was hospitalized that were discharged during the reporting period. Computed as the Discharge Date SEQ #10100 minus the Arrival Date SEQ #3001.

Age

Computes the mean, median, and standard deviation of the age of patients undergoing TAVR procedures that were discharged during the reporting period. Calculated with Birth Date SEQ #2050.

Discharge Status

Alive

Numerator: The number of TAVR discharges that were discharged during the reporting period where Discharge Status, SEQ #10105, is documented as Alive.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Deceased

Numerator: The number of TAVR discharges that were discharged during the reporting period where Discharge Status, SEQ #10105, is documented as Deceased.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Events

Numerator: The number of TAVR procedures that were discharged during the reporting period where Intra or Post-Procedure Events, SEQ #12153, is documented as Yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Permanent Pacemaker

Numerator: The number of TAVR discharges that were discharged during the reporting period where Adverse Events, SEQ #12153, and Permanent Pacemaker, SEQ #9002, are documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Stroke - All

Numerator: The number of TAVR discharges that were discharged during the reporting period where Adverse Events, SEQ #12153, and Stroke - Ischemic, Stroke - Hemorrhagic, and Stroke - Undetermined are documented as Yes, SEQ #9002 .

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

CIN

CIN is defined as Post-Procedure Highest Creatinine, SEQ #13764, or Discharge Creatinine, SEQ #10060, if Highest Creatinine is not documented, minus Pre-Procedure Creatinine, SEQ #6050, is greater than or equal to 0.5.

Numerator: The number of TAVR discharges that were discharged during the reporting period in which all of the following things are true:

- At least one TAVR procedure has a value for Pre-Procedure Creatinine, SEQ #6050.
- The TAVR procedure record, with a Pre-Procedure Creatinine value, SEQ #6050, has a value for Highest Creatinine, SEQ #13764, or the Discharge Creatinine, SEQ #10060.
- The patient is not documented as Currently on Dialysis pre-procedure, SEQ #13880.

Denominator: The number of TAVR discharges that were discharged during the reporting period.

Exclusions: The patient is documented as Currently on Dialysis pre-procedure, SEQ #13880.

AKI

Numerator: The number of TAVR discharges that were discharged during the reporting period with at least one of the following:

1. The difference between pre and post procedure Creatinine, SEQ #6050 and #13764, is $\geq 300\%$; OR
2. Pre-procedure Creatinine, SEQ #6050, is ≥ 4 mg/dL AND the difference between pre and post procedure, SEQ #13764, highest Creatinine is ≥ 0.5 ; OR
3. Event code of Dialysis - New Requirement, SEQ #12153 or
4. The patient is not marked as Currently on Dialysis SEQ #13880.

Denominator: The number of TAVR discharges that were discharged during the reporting period.

Exclusions: The patient is documented as Currently on Dialysis pre-procedure SEQ #13880.

Transfusion

Numerator: The number of TAVR discharges that were discharged during the reporting period in which PRBCs Transfused, SEQ #9275, is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Bleeding/Vasc Comps

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Events, SEQ #12153, and Bleeding - Access Site, Bleeding - Hematoma at Access Site OR Bleeding - Retroperitoneal Bleeding are documented as Yes. If more than one bleeding option is documented as Yes per procedure, count that procedure only one time.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Goals/CMS Requirements

KCCQ Completion @ Baseline

Numerator: The number of TAVR discharges that were discharged during the reporting period in which KCCQ-12 Performed, SEQ #13843, is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

KCCQ Completion @ 30 D

Numerator: The number of TAVR discharges that were discharged during the reporting period in which KCCQ-12 Performed, SEQ #13845, is documented as Yes.

Denominator: The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No.

KCCQ Completion @ 1 Y

Numerator: The number of TAVR discharges that were discharged during the reporting period in which KCCQ-12 Performed, SEQ #13845, is documented as Yes.

Denominator: The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No AND 30 day Follow Up Status, SEQ #11004, is documented as Alive.

VBR Goals

CV/eGFR ≥ 3 (no concomitant proc) $\leq 5\%$

Numerator: Number of TAVR procedures that were discharged during the reporting period where Concomitant Procedure, SEQ #7065, is documented as No, and Contrast Volume/eGFR ratio is ≥ 3 . SEQ #'s: 2050, 2060, 2070 - 2076, 6005, 6050 - 6051, 13764 - 14293, 7215.

Denominator: Total TAVR procedures that were discharged during the reporting period without a Concurrent Procedure, SEQ #7065, with exclusion of procedures lacking information in data fields used to calculate this field, as well as patients Currently on Dialysis, SEQ #13880. Fields used to calculate eGFR include Birth Date, Race, Sex, Weight, Creatinine, and Contrast Volume.

Excluding patients documented as Currently on Dialysis pre-procedure, SEQ #13880.
Values are not rounded.

KCCQ at baseline and 30 D $\geq 90\%$

Numerator: The number of TAVR discharges that were discharged during the reporting period that had a KCCQ-12 submitted for baseline AND 30 days for the same patient.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have a Discharge Status, SEQ #10105, documented as Deceased on the base record.

Exclusions: TAVR procedures where Procedure Aborted, SEQ #13505, is documented as Yes.

NYHA class documented at 30 D \geq 92%

Numerator: The total number of TAVR discharges that were discharged during the reporting period where NYHA Class, SEQ #13688, is documented as I, II, III, or IV.

Denominator: The total number of TAVR discharges that were discharged during the reporting period where Discharge Status, SEQ #10105, is documented as Alive.

Excluding TAVR discharges where the only TAVR procedure, or all TAVR procedures, documented Procedure Aborted, SEQ #13505, as Yes.

VBR Queries for Blue Cross Reporting

Qualifying Operator/Physician List

MISHC VBR Operators: Operator Name/NPI #14476, 14477, 14478 and 14479 for Operators that performed at least one of the following procedures: TAVR, TEER, TMVR, in EACH of the years 2021 AND 2022 for payment in 2023.

CV/eGFR \geq 3 (no concomitant proc) \leq 5%

The percentage of TAVR procedures, #13171, without a Concomitant Procedure Performed in the time period of 2021 Q4 - 2022 Q2, #7065, where Contrast Volume, #7215, to eGFR ratio is equal or greater than 3. Excludes patients Currently on Dialysis pre-procedure, #13880.

This ratio is calculated by dividing the contrast volume by the eGFR. **Excludes patients Currently on Dialysis SEQ #13880**
Please note: eGFR is calculated by using the CKD-EPI (Chronic Kidney Disease Epidemiology Collaboration) formula via the QxMD calculator found here <http://www.qxmd.com/calculate-online/nephrology/ckd-epi-egfr> . Fields utilized for this calculation are: Creatinine, Age, Sex, & Race.

KCCQ at baseline and 30 D \geq 90%

The percentage of TAVR discharges, #13171, with a discharge date, #10100, in the time period of 2021 Q4 - 2022 Q2, where KCCQ Performed, #13843, AND KCCQ Performed at 30 day follow up, #13845, is documented as Yes for the same patient. Excluding TAVR discharges where the only TAVR procedure, or all TAVR procedures, documented Procedure Aborted, #13505, as Yes, OR Discharge Status, #10105, is documented as Deceased.

NYHA class documented at 30 D \geq 92%

The percentage of TAVR discharges, #13171, with a discharge date, #10100, in the time period of 2021 Q4 - 2022 Q2, where NYHA Class on 30 day follow up, #13688, is documented as I, II, III or IV. Excluding TAVR discharges where the only TAVR procedure, or all TAVR procedures, documented Procedure Aborted, #13505, as Yes, OR Discharge Status, #10105, is documented as Deceased.

MI TAVR Quality Goals

Echocardiogram Post-Procedure $\geq 95\%$

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE.

Denominator: Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

30 Day Follow Up Submission 99%

Numerator: 30 day follow up - The total number of TAVR discharges that were discharged during the reporting period containing at least one follow up form as of the date the report is generated for the 30 day time period in which Discharge Status SEQ #10105 is documented as Alive and Procedure Aborted SEQ #13505 is documented as No and containing at least one follow up form as of the date the report is generated for the 30 day time period.

Denominator: 30 day follow up - The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period in which Discharge Status SEQ #10105 is documented as Alive and Procedure Aborted SEQ #13505 is documented as No.

1 Year Follow Up Submission 99%

Numerator: 1 year follow up - The total number of TAVR discharges that were discharged during the reporting period which is due during this reporting period (1 year and 1 quarter behind the baseline data to correspond with the TVT registry data entry deadlines) containing at least one follow up form as of the date the report is generated for the 30 day time period in which Discharge Status SEQ #10105 is documented as Alive and Procedure Aborted SEQ #13505 is documented as No, AND 30 day Follow Up Status SEQ #11004 is documented as Alive and containing at least one follow up form as of the date the report is generated for the 1 year time period.

Denominator: 1 year follow up - The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period (1 year and 1 quarter behind the baseline data to correspond with the TVT registry data entry deadlines) in which Discharge Status SEQ #10105 is documented as Alive and Procedure Aborted SEQ #13505 is documented as No, AND 30 day Follow Up Status SEQ #11004 is documented as Alive.

Bleeding/Vascular Complications $\leq 2\%$

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event SEQ #12153, Bleeding - Access Site OR Bleeding - Hematoma at Access Site OR Bleeding - Retroperitoneal and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Transfusion $\leq 8\%$

Numerator: The number of TAVR procedures that were discharged during the reporting period in which PRBCs Transfused SEQ #9275 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

[◀ Intra or Post Procedure Eventsup](#)

CIN

CIN is defined as Post-Procedure Creatinine (highest) SEQ #13764 or Creatinine (discharge) SEQ #10060, if highest Creatinine is not documented, minus Pre-Procedure Creatinine SEQ #6050 is \geq to 0.5.

Numerator: The number of TAVR discharges that were discharged during the reporting period where all of the following things are true:

- At least one TAVR procedure has a value for Pre-Procedure Creatinine SEQ #6050.
- The TAVR procedure record (with a pre-procedure creatinine value) has a value for Highest Creatinine SEQ #13764 OR the Discharge Creatinine SEQ #10060.
- The patient is not marked as Currently on Dialysis SEQ # 13880 pre-procedure.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding Currently on Dialysis (pre-procedure) SEQ #13880 and/or Procedure Aborted SEQ #13505 is documented as Yes.

AKI

Numerator: The number of TAVR procedures with at least one of the following:

1. The difference between pre-procedure Creatinine SEQ #6050 and Creatinine (highest) SEQ #13764 or Creatinine (discharge) SEQ #10060 is \geq 300%; OR
2. Pre-procedure Creatinine SEQ #6050 is \geq 4 mg/dL AND the difference between pre-procedure Creatinine and post-procedure Creatinine (highest or discharge) is \geq 0.5; OR
3. Event code of Dialysis - New Requirement SEQ #12153 OR

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding Currently on Dialysis (pre-procedure) SEQ #13880 and/or Procedure Aborted SEQ #13505 is documented as Yes.

Demographics/History

Sex - Male

Numerator: The number of TAVR discharges that were discharged during the reporting period where Sex, SEQ #2060, was documented as Male.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Race

White

Numerator: The number of TAVR discharges that were discharged during the reporting period where Race was documented as White SEQ #2070.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Black/African American

Numerator: The number of TAVR discharges that were discharged during the reporting period where Race was documented as Black/African American SEQ #2071.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

American Indian/Alaskan Native

Numerator: The number of TAVR discharges that were discharged during the reporting period where Race was documented as American Indian/Alaskan Native SEQ #2073.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Asian

Numerator: The number of TAVR discharges that were discharged during the reporting period where Race was documented as Asian SEQ #2072.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Native Hawaiian/Pacific Islander

Numerator: The number of TAVR discharges that were discharged during the reporting period where Race was documented as Native Hawaiian/Pacific Islander SEQ #2074.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Hispanic/Latino

Numerator: The number of TAVR discharges that were discharged during the reporting period where Ethnicity was documented as Hispanic or Latino SEQ # 2076.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Age - mean, median, st. dev.

Computes the mean, median, and standard deviation of the Age of the patients that were discharged during the reporting period.

History

Afib

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Atrial Fibrillation documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Carotid Artery Stenosis (CAS)

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Carotid Artery Stenosis (CAS) documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Conduction Defect

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Conduction Defect documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

CVA

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Cerebrovascular Accident (CVA) documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Dementia

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Dementia documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Diabetes

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Diabetes documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Liver Disease

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Liver Disease documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

MI

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Myocardial Infarction (MI) documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

PAD

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Peripheral Arterial Disease (PAD) documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

TIA

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Transient Ischemic Attack (TIA) documented as yes SEQ #14264 in Condition History SEQ #12903.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Currently on Dialysis

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Currently on Dialysis documented as yes SEQ #13880.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Tobacco Use

Current

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Tobacco Use, Current - Every Day OR Current - Some Days documented SEQ #4625.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Former

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Tobacco Use, Former documented SEQ #4625.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Never

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Tobacco Use, Never documented SEQ #4625.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

SAVR

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Aortic Valve Replacement Surgery (SAVR) documented as yes SEQ #14268 in Procedure History SEQ #12905.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

TAVR

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Aortic Valve Replacement - Transcatheter (TAVR) documented as yes SEQ #14268 in Procedure History SEQ #12905.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

BAV

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Aortic Valve Balloon Valvuloplasty (BAV) documented as yes SEQ #14268 in Procedure History SEQ #12905.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

CABG

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Coronary Artery Bypass Graft (CABG) documented as yes SEQ #14268 in Procedure History SEQ #12905.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

PCI

Numerator: The total number of TAVR discharges that were discharged during the reporting period with PCI documented as yes SEQ #14268 in Procedure History SEQ #12905.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Pacemaker

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Permanent Pacemaker documented as yes SEQ #14268 in Procedure History SEQ #12905.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

ICD

Numerator: The total number of TAVR discharges that were discharged during the reporting period with Implantable Cardioverter Defibrillator (ICD) documented as yes SEQ #14268 in Procedure History SEQ #12905.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Pre-Procedure Information

KCCQ-12 Performed

Numerator: The number of TAVR discharges that were discharged during the reporting period in which KCCQ-12 Performed SEQ #13843 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Five scores are generated from the KCCQ-12, representing four scales and one summary score. Physical Function Score, Symptom Frequency Score, Quality of Life Score, Social Limitation Score and a Summary Score. All scores are scaled 0 - 100, where 0 denotes the lowest reportable health status and 100 the highest.

Physical Function Score (mean, st. dev.)

Computes the mean and standard deviation of the KCCQ-12 Physical Function Scores for patients that were discharged during the reporting period. The Physical Limitation Score corresponds to Questions 1a, 1b, and 1c. At least 2 questions must have non-missing responses in order to calculate a score. The score is calculated by taking the average of the available responses.

The responses are coded as follows: Extremely limited = 0, Quite a bit limited = 25, Moderately limited = 50, Slightly limited = 75, Not at all limited = 100, Limited for other reasons or did not do the activity = Missing.

Symptom Frequency Score (mean, st.dev.)

Computes the mean and standard deviation of the KCCQ-12 Symptom Frequency Score for patients that were discharged during the reporting period. The Symptom Frequency Score corresponds to Questions 2,3,4 and 5. The score is calculated by taking the average of the available responses. At least two questions must have non-missing responses in order to calculate a score.

The responses for Question 2 are coded as follows: Every Morning = 0, 3 or more times per week but not every day = 25, 1 - 2 times per week = 50, Less than once a week = 75, Never over the past 2 weeks = 100.

The responses for Questions 3 and 4 are coded as follows: All of the time = 0, Several times per day = 16.667, At least once a day = 33.333, 3 or more times per week but not every day = 50, 1 -2 times per week = 66.667, Less than once a week = 83.333, Never over the past 2 weeks = 100.

The responses for Question 5 are coded as follows: Every night = 0, 3 or more times per week but not every day = 25, 1 - 2 times per week = 50, Less than once a week = 75, Never over the past 2 weeks = 100.

Quality of Life Score (mean, st. dev.)

Computes the mean and standard deviation of the KCCQ-12 Quality of Life Score for patients that were discharged during the reporting period. The Quality of Life Score corresponds to Questions 6 and 7. The score is calculated by taking the average of the available responses. At least one question must have non-missing responses in order to calculate a score.

The responses for Question 6 are coded as follows: It has extremely limited my enjoyment of life = 0, It has limited my enjoyment of life quite a bit = 25, It has moderately limited my enjoyment of life = 50, It has slightly limited my enjoyment of life = 75, It has not limited my enjoyment of life at all = 100.

The responses for Question 7 are coded as follows: Not at all satisfied = 0, Mostly dissatisfied = 25, Somewhat satisfied = 50, Mostly satisfied = 75, Completely satisfied = 100.

Social Limitation Score (mean, st. dev.)

Computes the mean and standard deviation of the KCCQ-12 Social Limitation Score for patients that were discharged during the reporting period. The Social Limitation Score corresponds to Questions 8a, 8b and 8c. The score is calculated by taking the average of the available responses. At least two questions must have non-missing responses in order to calculate a score.

The responses for Questions 8a, 8b and 8c are coded as follows: Severly limited = 0, Limited quite a bit = 25, Moderately limited = 50, Slightly limited = 75, Did not limit at all = 100, Does not apply or did not do for other reasons = missing.

Summary Score (mean, st. dev.)

Computes the mean and standard deviation of all of the KCCQ-12 scores for patients that were discharged during the reporting period. The Physical Limitation, Symptom Frequency, Quality of Life and Social Limitation Scores are the available scores. The summary score is calculated by taking the average of the available scores. At least one of the four scores must be present in order to calculate the summary score.

STS Mortality Risk Score (mean, st. dev.)

< 3%

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the STS Risk Score SEQ #14271 is documented as < 3%.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

3 - < 8%

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the STS Risk Score SEQ #14271 is documented as 3 to < 8%.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

≥ 8%

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the STS Risk Score SEQ #14271 is documented as > or = to 8%.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Heart Team Evaluation of Suitability for Surgical Replacement

Numerator: The number of TAVR procedures that were discharged during the reporting period where the Heart Team Evaluation of Suitability for Surgical Replacement was documented as yes SEQ #13504.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Shared Decision Making

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Shared Decision Making, SEQ #14732, is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Heart Team Reason for Procedure

Low Risk

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Heart Team Reason for Procedure SEQ #13499 is documented as Low Risk.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Intermediate Risk

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Heart Team Reason for Procedure SEQ #13499 is documented as Intermediate Risk.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

High Risk

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Heart Team Reason for Procedure SEQ #13499 is documented as High Risk.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Extreme Risk

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Heart Team Reason for Procedure SEQ #13499 is documented as Extreme.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

5 Meter Walk Test Performed

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Five Meter Walk Test SEQ #13191 is documented as Performed.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

5 Meter Walk Test Not Performed

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Five Meter Walk Test SEQ #13191 is documented as Not Performed.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

5 Meter Walk Test Unable to Walk

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Five Meter Walk Test SEQ #13191 is documented as Unable to Walk.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

NYHA Class Documented

Class I

Numerator: The number of TAVR discharges that were discharged during the reporting period in which NYHA Class SEQ #12163 is documented as I.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Class II

Numerator: The number of TAVR discharges that were discharged during the reporting period in which NYHA Class SEQ #12163 is documented as II.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Class III

Numerator: The number of TAVR discharges that were discharged during the reporting period in which NYHA Class SEQ #12163 is documented as III.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Class IV

Numerator: The number of TAVR discharges that were discharged during the reporting period in which NYHA Class SEQ #12163 is documented as IV.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Procedural Information

Valve Morphology

Bicuspid

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Aortic Valve Morphology SEQ #13468 is documented as Bicuspid.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Tricuspid

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Aortic Valve Morphology SEQ #13468 is documented as Tricuspid.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Procedure Indication

Aortic Regurgitation

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Primary Procedure Indication SEQ #13498 is documented as Regurgitation.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Aortic Stenosis

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Primary Procedure Indication SEQ #13498 is documented as Aortic Stenosis.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Low Flow

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Aortic Stenosis SEQ #13307 is documented as Yes, and Low Flow SEQ #13700 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Procedure Status

Elective

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Status SEQ #7025 is documented as Elective.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Urgent

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Status SEQ #7025 is documented as Urgent.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Emergency

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Status SEQ #7025 is documented as Emergency.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Salvage

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Status SEQ #7025 is documented as Salvage.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Procedure Location

Cardiac Cath Lab

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Location SEQ #12871 is documented as Cardiac Cath Lab.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Hybrid Cath Lab

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Location SEQ #12871 is documented as Hybrid Cath Lab.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Hybrid OR Suite

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Location SEQ #12871 is documented as Hybrid OR Suite.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Other

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Procedure Location SEQ #12871 is documented as Other.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Anesthesia Type

General

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Anesthesia Type SEQ #13331 is documented as General.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Deep Sedation

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Anesthesia Type SEQ #13331 is documented as Deep Sedation.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Moderate Sedation

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Anesthesia Type SEQ #13331 is documented as Moderate Sedation.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Minimal Sedation

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Anesthesia Type SEQ #13331 is documented as Minimal Sedation.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Access Type

Axillary

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Axillary Artery.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Carotid

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Carotid Artery.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Direct Aortic

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Direct Aortic.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Femoral

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Femoral Artery.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Iliac

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Iliac Artery.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Subclavian

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Subclavian Artery.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Transapical

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Transapical.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Transcaval

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Transcaval.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Transeptal via Femoral Vein

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Transeptal via Femoral Vein.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Other

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve Sheath Access Site SEQ #13507 is documented as Other.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Procedural Information cont.

Embolic Protection Deployed

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Embolic Protection Deployed Site SEQ #13510 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period, excluding procedures where Aborted SEQ #13505 is documented as Yes.

Device Used

Abbott Portico

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Device ID SEQ #14485 is documented as Abbott Portico.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Edwards Sapien 3

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Device ID SEQ #14485 is documented as Edwards Sapien 3.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Edwards Sapien Ultra

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Device ID SEQ #14485 is documented as Edwards Sapien Ultra.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Medtronic Corevalve Evolut

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Device ID SEQ #14485 is documented as Medtronic Corevalve Evolut.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Medtronic Corevalve Evolut Pro

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Device ID SEQ #14485 is documented as Medtronic Corevalve Evolut Pro.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Medtronic Corevalve Evolut Pro Plus

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Device ID SEQ #14485 is documented as Medtronic Corevalve Evolut Pro Plus.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Valve-in-Valve Procedure

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve-in-Valve Procedure SEQ #13500 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Bioprosthetic Valve Fracture

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Valve-in-Valve Bioprosthetic Valve Fracture SEQ #13501 is documented as yes. This is a child field of Valve-in-Valve Procedure SEQ #13500.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which the Valve-in-Valve Procedure SEQ #13500 is documented as yes.

Pre-Implant

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Bioprosthetic Valve Fracture Timing SEQ #13502 is documented as Pre-Implant. This is a child field of Bioprosthetic Valve Fracture Attempted SEQ #13501.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which the Bioprosthetic Valve Fracture Attempted SEQ #13501 is documented as yes.

Post-Implant

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Bioprosthetic Valve Fracture Timing SEQ #13502 is documented as Post-Implant. This is a child field of Bioprosthetic Valve Fracture Attempted SEQ #13501.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which the Bioprosthetic Valve Fracture Attempted SEQ #13501 is documented as yes.

BASILICA

Numerator: The number of TAVR procedures that were discharged during the reporting period in which Concomitant Procedures Performed SEQ #7065 is documented as yes and Procedure Type SEQ #7066 is documented as BASILICA.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Conversion to Open Heart Surgery

Numerator: The number of TAVR procedures that were discharged during the reporting period in which Conversion to Open Heart Surgery SEQ #13542 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Contrast Volume (ml) without concomitant procedure

Computes the mean and standard deviation of Contrast Volume SEQ #7215 in TAVR procedures that were discharged during the reporting period where Concomitant Procedure SEQ #7065 is documented as no, reported in milliliters.

Contrast Volume (ml) with concomitant procedure

Computes the mean and standard deviation of Contrast Volume SEQ #7215 in TAVR procedures that were discharged during the reporting period where Concomitant Procedure SEQ #7065 is documented as yes, reported in milliliters.

Ratio of CV to eGFR \geq 3 (significant risk of CIN)

The ratio of contrast volume to eGFR is reported here to monitor the contrast volume use in patients with compromised kidney function. The method for calculating eGFR is listed below.

This ratio is calculated by dividing the contrast volume by the eGFR. **Excludes patients Currently on Dialysis SEQ #13880**

Please note: eGFR is calculated by using the National Kidney Foundation: CKD-EPI Creatinine Equation (2021), <https://www.kidney.org/content/ckd-epi-creatinine-equation-2021>.

Expressed as a single equation: $eGFR_{cr} = 142 \times \min(Scr/k, 1)^\alpha \times \max(Scr/k, 1)^{-1.200} \times 0.9938^{Age} \times 1.012$ [if female]

where:

Scr = standardized serum creatinine in mg/dL

k = 0.7 (females) or 0.9 (males)

α = -0.241 (female) or -0.302 (male)

$\min(Scr/k, 1)$ is the minimum of Scr/k or 1.0

$\max(Scr/k, 1)$ is the maximum of Scr/k or 1.0

Age (years)

Interpretation example:

Contrast dose=150ml eGFR=50 would equal ratio of 3.0

Contrast dose=100 ml eGFR=50 would equal ratio of 2.0

A lower ratio is more desirable than a higher ratio. Higher ratio is associated with higher incidence of CIN.

in all TAVR procedures

Numerator: The number of all TAVR procedures discharged during the reporting period calculated to have the ratio of Contrast Volume to eGFR ≥ 3 . SEQ #'s: Birth Date 2050, Sex 2060, Race 2070-74, Ethnicity 2076, Weight 6005, Creatinine 6050 - 6051, Contrast Volume 7215.

Denominator: The total number of TAVR procedures that were discharged during the reporting period with the exclusion of procedures lacking information in data fields used to calculate this field, as well as patients Currently on Dialysis SEQ #13880. Including Birth Date, Sex, Race, Ethnicity, Weight, Creatinine, and Contrast Volume.

Excludes patients Currently on Dialysis SEQ #13880

Values are not rounded

without concomitant procedure

Numerator: The number of all TAVR procedures discharged during the reporting period where Concomitant Procedures Performed SEQ #7065 is documented as No calculated to have the ratio of Contrast Volume to eGFR ≥ 3 . SEQ #'s: Birth Date 2050, Sex 2060, Race 2070-74, Ethnicity 2076, Weight 6005, Creatinine 6050 - 6051, Contrast Volume 7215.

Denominator: The total number of TAVR procedures that were discharged during the reporting period with the exclusion of procedures lacking information in data fields used to calculate this field, as well as patients Currently on Dialysis SEQ #13880. Including Birth Date, Sex, Race, Ethnicity, Weight, Creatinine, and Contrast Volume.

Excludes patients Currently on Dialysis SEQ #13880

Values are not rounded

with concomitant procedure

Numerator: The number of all TAVR procedures discharged during the reporting period where Concomitant Procedures Performed SEQ #7065 is documented as Yes calculated to have the ratio of Contrast Volume to eGFR ≥ 3 . SEQ #'s: Birth Date 2050, Sex 2060, Race 2070-74, Ethnicity 2076, Weight 6005, Creatinine 6050 - 6051, Contrast Volume 7215.

Denominator: The total number of TAVR procedures that were discharged during the reporting period with the exclusion of procedures lacking information in data fields used to calculate this field, as well as patients Currently on Dialysis SEQ #13880. Including Birth Date, Sex, Race, Ethnicity, Weight, Creatinine, and Contrast Volume.

Excludes patients Currently on Dialysis SEQ #13880

Values are not rounded

Ratio of CV to eGFR > 2 but < 3 (substantial risk of CIN)

The ratio of contrast volume to eGFR is reported here to monitor the contrast volume use in patients with compromised kidney function. The method for calculating eGFR is listed below.

This ratio is calculated by dividing the contrast volume by the eGFR. **Excludes patients Currently on Dialysis SEQ #13880**

Please note: eGFR is calculated by using the National Kidney Foundation: CKD-EPI Creatinine Equation

(2021), <https://www.kidney.org/content/ckd-epi-creatinine-equation-2021>.

Expressed as a single equation: $eGFR_{cr} = 142 \times \min(Scr/k, 1)^\alpha \times \max(Scr/k, 1)^{-1.200} \times 0.9938^{Age} \times 1.012$ [if female]

where:

Scr = standardized serum creatinine in mg/dL

$k = 0.7$ (females) or 0.9 (males)

$\alpha = -0.241$ (female) or -0.302 (male)

$\min(Scr/k, 1)$ is the minimum of Scr/k or 1.0

$\max(Scr/k, 1)$ is the maximum of Scr/k or 1.0

Age (years)

Interpretation example:

Contrast dose=150ml eGFR=50 would equal ratio of 3.0

Contrast dose=100 ml eGFR=50 would equal ratio of 2.0

A lower ratio is more desirable than a higher ratio. Higher ratio is associated with higher incidence of CIN.

in all TAVR procedures

Numerator: The number of all TAVR procedures discharged during the reporting period calculated to have the ratio of Contrast Volume to eGFR > 2 but < 3. SEQ #'s: Birth Date 2050, Sex 2060, Race 2070-74, Ethnicity 2076, Weight 6005, Creatinine 6050 - 6051, Contrast Volume 7215.

Denominator: The total number of TAVR procedures that were discharged during the reporting period with the exclusion of procedures lacking information in data fields used to calculate this field, as well as patients Currently on Dialysis SEQ #13880. Including Birth Date, Sex, Race, Ethnicity, Weight, Creatinine, and Contrast Volume.

Excludes patients Currently on Dialysis SEQ #13880

Values are not rounded

without concomitant procedure

Numerator: The number of all TAVR procedures discharged during the reporting period where Concomitant Procedures Performed SEQ #7065 is documented as No calculated to have the ratio of Contrast Volume to eGFR > 2 but < 3. SEQ #'s: Birth Date 2050, Sex 2060, Race 2070-74, Ethnicity 2076, Weight 6005, Creatinine 6050 - 6051, Contrast Volume 7215.

Denominator: The total number of TAVR procedures that were discharged during the reporting period with the exclusion of procedures lacking information in data fields used to calculate this field, as well as patients Currently on Dialysis SEQ #13880. Including Birth Date, Sex, Race, Ethnicity, Weight, Creatinine, and Contrast Volume.

Excludes patients Currently on Dialysis SEQ #13880

Values are not rounded

with concomitant procedure

Numerator: The number of all TAVR procedures discharged during the reporting period where Concomitant Procedures Performed SEQ #7065 is documented as Yes calculated to have the ratio of Contrast Volume to eGFR > 2 but < 3. SEQ #'s: Birth Date 2050, Sex 2060, Race 2070-74, Ethnicity 2076, Weight 6005, Creatinine 6050 - 6051, Contrast Volume 7215.

Denominator: The total number of TAVR procedures that were discharged during the reporting period with the exclusion of procedures lacking information in data fields used to calculate this field, as well as patients Currently on Dialysis SEQ #13880. Including Birth Date, Sex, Race, Ethnicity, Weight, Creatinine, and Contrast Volume.

Excludes patients Currently on Dialysis SEQ #13880

Values are not rounded

Dose Area Product

Computes the mean and standard deviation of the Dose Area Product SEQ #14278 reported in Gy/cm² of all TAVR procedures that were discharged during the reporting period.

Cumulative Air Kerma

Computes the mean and standard deviation of the Cumulative Air Kerma SEQ #7210 reported in Gy of all TAVR procedures that were discharged during the reporting period.

Air Kerma \geq 5Gy

Numerator: The number of TAVR procedures that were discharged during the reporting period in which Cumulative Air Kerma SEQ #7210 is \geq 5Gy.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Fluoro Time

Computes the mean and standard deviation of the Fluoro Time SEQ #7214 reported in minutes of all TAVR procedures that were discharged during the reporting period.

Procedural Information cont.

Post-Implant AV mean gradient documented

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the post-implant AV mean Gradient SEQ #14303 has a value documented in mm Hg.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Post-Implant AR documented

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the post-implant Aortic Regurgitation SEQ #14304 has a value documented as either None, Trace/Trivial, Mild, Moderate or Severe.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

None

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the post-implant Aortic Regurgitation SEQ #14304 has a value documented as None.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which Aortic Regurgitation SEQ #14304 has a value documented.

Trace/Trivial

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the post-implant Aortic Regurgitation SEQ #14304 has a value documented as Trace/Trivial.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which Aortic Regurgitation SEQ #14304 has a value documented.

Mild

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the post-implant Aortic Regurgitation SEQ #14304 has a value documented as Mild.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which Aortic Regurgitation SEQ #14304 has a value documented.

Moderate

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the post-implant Aortic Regurgitation SEQ #14304 has a value documented as Moderate.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which Aortic Regurgitation SEQ #14304 has a value documented.

Severe

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the post-implant Aortic Regurgitation SEQ #14304 has a value documented as Severe.

Denominator: The total number of TAVR procedures that were discharged during the reporting period in which Aortic Regurgitation SEQ #14304 has a value documented.

Procedures with Intra or Post Procedure Events

Numerator: The number of TAVR procedures that were discharged during the reporting period in which an Intra or Post Procedure Event SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Annular Rupture

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Annular Rupture SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Aortic Dissection

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Aortic Dissection SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Atrial Fibrillation

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Atrial Fibrillation SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Bleeding - Access Site

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Bleeding - Access Site SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Bleeding - GI

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Bleeding - GI SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Bleeding - GU

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Bleeding - GU SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Bleeding - Hematoma at Access Site

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Bleeding - Hematoma at Access Site SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Bleeding - Other

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Bleeding - Other SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Bleeding - Retroperitoneal

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Bleeding - Retroperitoneal SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Cardiac Arrest

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Cardiac Arrest SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Cardiac Perforation

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Cardiac Perforation SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Cardiac Surgery or Intervention - Unplanned

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Cardiac Surgery or Intervention - Unplanned SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Coronary Artery Compression

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Coronary Artery Compression SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Device Embolization

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Device Embolization SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Device Migration

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Device Migration SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Device Thrombosis

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Device Thrombosis SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Device Related Event - Other

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Device Related Event - Other SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Dialysis - New Requirement

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Dialysis - New Requirement SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Endocarditis

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Endocarditis SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

ICD

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event ICD SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

MI

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event MI SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

PCI

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event PCI SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Permanent Pacemaker

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Permanent Pacemaker SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period excluding Pre-Procedure Permanent Pacemaker is documented as Yes.

Reintervention - Aortic Valve

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Reintervention - Aortic Valve SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Stroke - Ischemic

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Stroke - Ischemic SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Stroke - Hemorrhagic

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Stroke - Hemorrhagic SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Stroke - Undetermined

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Stroke - Undetermined SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

TIA

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event TIA SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Vascular Complication - Major

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Vascular Complication - Major SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Vascular Complication - Minor

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Vascular Complication - Minor SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Vascular Surgery or Intervention - Unplanned

Numerator: The number of TAVR procedures that were discharged during the reporting period in which the Intra or Post-Procedure Event Vascular Surgery or Intervention - Unplanned SEQ #12153 and Event Occurred SEQ #9002 is documented as yes.

Denominator: The total number of TAVR procedures that were discharged during the reporting period.

Post Procedure Testing

12 Lead ECG Performed

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

No Significant Change

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes and 12 - Lead ECG Findings SEQ #13765 is documented as No Significant Changes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes.

Pathological Q Wave

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes and 12 - Lead ECG Findings SEQ #13765 is documented as Pathological Q Wave.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes.

New LBBB

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes and 12 - Lead ECG Findings SEQ #13765 is documented as New LBBB.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes.

Cardiac Arrhythmia

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes and 12 - Lead ECG Findings SEQ #13765 is documented as Cardiac Arrhythmia.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which the 12 Lead ECG Performed SEQ #13616 is documented as yes.

Echocardiogram Performed

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE.

Denominator: Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Aortic Regurgitation

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE and Aortic Regurgitation SEQ #13526 is documented as None, Trace/Trivial, Mild, Moderate, or Severe. Aortic Regurgitation is a child field of Echocardiogram Performed.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Procedures without a value entered for Aortic Regurgitation will be reported as None.

None

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE and Aortic Regurgitation SEQ #13526 is documented as None. Procedures without a value entered for Aortic Regurgitation will be reported as None.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Trace/Trivial

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE and Aortic Regurgitation SEQ #13526 is documented as Trace/Trivial.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Mild

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE and Aortic Regurgitation SEQ #13526 is documented as Mild.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Moderate

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE and Aortic Regurgitation SEQ #13526 is documented as Moderate.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Severe

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE and Aortic Regurgitation SEQ #13526 is documented as Severe.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Not Documented

Numerator: The number of TAVR discharges that were discharged during the reporting period in which the Echocardiogram Performed SEQ #13592 is documented as yes, TTE or TEE and Aortic Regurgitation SEQ #13526 is documented as Not Documented.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that did not have Death During Procedure SEQ #10120 documented as yes or Procedure Aborted SEQ #13505 documented as Yes.

Exclusions: Death During Procedure and Procedure Aborted.

Paravalvular Regurgitation

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation SEQ #14503 is documented as None, Mild, Moderate, Severe or Not Documented. Procedures where Paravalvular Regurgitation does not have a value entered will be documented as Not Documented. Paravalvular Regurgitation SEQ #14503 is a child field of Aortic Regurgitation SEQ #13526.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which Aortic Regurgitation SEQ #13526 is documented as Trace/Trivial, Mild, Moderate, or Severe.

None

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation SEQ #14503 is documented as None. Paravalvular Regurgitation SEQ #14503 is a child field of Aortic Regurgitation SEQ #13526.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which Aortic Regurgitation SEQ #13526 is documented as Trace/Trivial, Mild, Moderate, or Severe.

Mild

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation SEQ #14503 is documented as Mild. Paravalvular Regurgitation SEQ #14503 is a child field of Aortic Regurgitation SEQ #13526.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which Aortic Regurgitation SEQ #13526 is documented as Trace/Trivial, Mild, Moderate, or Severe.

Moderate

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation SEQ #14503 is documented as Moderate. Paravalvular Regurgitation SEQ #14503 is a child field of Aortic Regurgitation SEQ #13526.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which Aortic Regurgitation SEQ #13526 is documented as Trace/Trivial, Mild, Moderate, or Severe.

Severe

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation SEQ #14503 is documented as Severe. Paravalvular Regurgitation SEQ #14503 is a child field of Aortic Regurgitation SEQ #13526.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which Aortic Regurgitation SEQ #13526 is documented as Trace/Trivial, Mild, Moderate, or Severe.

Not Documented

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation SEQ #14503 is documented as Not Documented. Paravalvular Regurgitation SEQ #14503 is a child field of Aortic Regurgitation SEQ #13526.

Denominator: The total number of TAVR discharges that were discharged during the reporting period in which Aortic Regurgitation SEQ #13526 is documented as Trace/Trivial, Mild, Moderate, or Severe.

Discharge Status

Alive

Numerator: The number of TAVR discharges that were discharged during the reporting period where Discharge Status SEQ #10105 is documented as Alive.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Discharge Location

Home

Numerator: The number of TAVR discharges that were Discharge Status SEQ #10105 was documented as Alive during the reporting period and the Discharge Location SEQ #10110 is documented as Home.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that Discharge Status SEQ #10105 is documented as Alive.

Exclusions: Discharge Status Deceased SEQ #10105.

Skilled Nursing Facility

Numerator: The number of TAVR discharges that were Discharge Status SEQ #10105 was documented as Alive during the reporting period and the Discharge Location SEQ #10110 is documented as Skilled Nursing Facility.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that Discharge Status SEQ #10105 is documented as Alive.

Exclusions: Discharge Status Deceased SEQ #10105.

Extended Care/TCU/Rehab

Numerator: The number of TAVR discharges that were Discharge Status SEQ #10105 was documented as Alive during the reporting period and the Discharge Location SEQ #10110 is documented as Extended Care/TCU/Rehab.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that Discharge Status SEQ #10105 is documented as Alive.

Exclusions: Discharge Status Deceased SEQ #10105.

Other Acute Care Hospital

Numerator: The number of TAVR discharges that were Discharge Status SEQ #10105 was documented as Alive during the reporting period and the Discharge Location SEQ #10110 is documented as Other Acute Care Hospital.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that Discharge Status SEQ #10105 is documented as Alive.

Exclusions: Discharge Status Deceased SEQ #10105.

Left Against Medical Advice

Numerator: The number of TAVR discharges that were Discharge Status SEQ #10105 was documented as Alive during the reporting period and the Discharge Location SEQ #10110 is documented as Left Against Medical Advice.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that Discharge Status SEQ #10105 is documented as Alive.

Exclusions: Discharge Status Deceased SEQ #10105.

Other Discharge Location

Numerator: The number of TAVR discharges that were Discharge Status SEQ #10105 was documented as Alive during the reporting period and the Discharge Location SEQ #10110 is documented as Other Discharge Location.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that Discharge Status SEQ #10105 is documented as Alive.

Exclusions: Discharge Status Deceased SEQ #10105.

Deceased

Numerator: The number of TAVR discharges that were discharged during the reporting period where Discharge Status SEQ #10105 is documented as Deceased.

Denominator: The total number of TAVR discharges that were discharged during the reporting period.

Cause of Death

Acute MI

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Acute Myocardial Infarction.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Sudden Cardiac Death

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Sudden Cardiac Death.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Heart Failure

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Heart Failure.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Stroke

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Stroke.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Cardiovascular Procedure

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Cardiovascular Procedure.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Cardiovascular Hemorrhage

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Cardiovascular Hemorrhage.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Other Cardiovascular Reason

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Other Cardiovascular Reason.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Pulmonary

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Pulmonary.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Renal

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Renal.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Gastrointestinal

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Gastrointestinal.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Hepatobiliary

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Hepatobiliary.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Pancreatic

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Pancreatic.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Infection

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Infection.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Inflammatory/Immunologic

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Inflammatory/Immunologic.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Hemorrhage

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Hemorrhage.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Non-Cardiovascular Procedure or Surgery

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Non-Cardiovascular Procedure or Surgery.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Trauma

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Trauma.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Suicide

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Suicide.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Neurological

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Neurological.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Malignancy

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Malignancy.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Other Non-Cardiovascular Reason

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Deceased during the reporting period and the Cause of Death SEQ #10125 is documented as Other Non-Cardiovascular Reason.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Deceased.

Cardiac Rehab/Discharge Medical Therapy

Cardiac Rehab Referral Prior to DC

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Cardiac Rehab Referral Prior to DC SEQ #10116 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period. Excluding procedures where Procedure Aborted, SEQ #13505, is documented as Yes, or Discharge Status, SEQ #10105, is documented as Deceased, or Hospice Care, SEQ #10115, is documented as Yes, or Discharge Location, SEQ #10110, is documented as Other Acute Care Hospital, or Left Against Medical Advice.

Discharge Medical Therapy

Anticoagulant

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Anticoagulant SEQ #10200, Direct Thrombin Inhibitor and/or Warfarin, and Prescribed SEQ #10205 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications Anticoagulant SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

Antiplatelet

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Antiplatelet SEQ #10200, Aspirin and/or P2Y12 Inhibitor, and Prescribed SEQ #10205 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications Antiplatelet SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

Non-Vitamin K Dependent Oral Anticoagulant

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Non-Vitamin K Dependent Oral Anticoagulant SEQ #10200, Direct Factor Xa Inhibitors, and Prescribed SEQ #10205 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications Non-Vitamin K Dependent Oral Anticoagulant SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

P2Y12 Inhibitor

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

SAPT

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Aspirin OR P2Y12 Inhibitor, not both, SEQ #10200, and Prescribed SEQ #10205 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

DAPT

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Aspirin AND P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

SAPT + Anticoagulant

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Aspirin OR P2Y12 Inhibitor, not both, AND Warfarin OR Direct Thrombin Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

Anticoagulant Only

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Warfarin or Direct Thrombin Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as Yes and Antiplatelet SEQ #10200 AND P2Y12 Inhibitors SEQ #10200 are documented as No.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute

Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

No Anticoagulant, No Antiplatelet

Numerator: The number of TAVR discharges that Discharge Status SEQ #10105 was documented as Alive during the reporting period and Aspirin, P2Y12 Inhibitor, Direct Thrombin Inhibitors AND Warfarin, SEQ #10200 and Prescribed SEQ #10205 is documented as No - No Reason, No - Medical Reason, OR No - Pt Reason.

Denominator: The total number of TAVR discharges that were discharged during the reporting period that had Discharge Status SEQ #10105 documented as Alive.

Exclusions: Discharge Status SEQ #10105 is documented as Deceased, Discharge Medications P2Y12 Inhibitor SEQ #10200 and Prescribed SEQ #10205 is documented as No - Medical Reason, Discharge Location SEQ #10110 is documented as Other Acute Care Hospital OR Left Against Medical Advice, Hospice Care SEQ #10115 is documented as Yes, or Conversion to Open Heart Surgery SEQ #13542 is documented as Yes.

Site-Blinded Graphs

Each of the graphs is a bar plot. On the x axis, each hospital is listed. On the y axis, the metric displayed on the graph.

The hospitals are not listed by their hospital code number, but rather, the data is sorted, and the hospitals are assigned new numbers, 1-n (where n is the number of hospitals). This number is called the "blinded" hospital code. It shows what rank your hospital has in the metrics, without showing you which other hospitals had which ranks. For convenience, we also color the bar representing your hospital.

CV/eGFR \geq 3 (no concomitant proc) - VBR goal

CV/eGFR \geq 3 (all TAVRs)

KCCQ @ baseline

KCCQ @ baseline and 30 days - matched pairs, VBR goal

NYHA documented @ 30 days - VBR goal

Echo post-procedure

CIN

AKI

Transfusion

Permanent Pacemaker

Bleeding/Vasc Comps

Contrast Volume

DAPT

SAPT + Anticoagulant

SAPT

CR Referral prior to DC