

MISHC TAVR FOLLOW UP REPORT DICTIONARY

MISHC TAVR Follow Up Report Dictionary

A guide that provides line item detail for Michigan TAVR hospital follow-up reports. Updated 12/18/2025

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 that were discharged during the reporting period undergoing one or more TAVR procedures.

(This will always show as 100%.)

Forms Due

Numerator: 30 day follow up - The total number of TAVR discharges that were discharged during the reporting period 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.

Denominator: 30 day follow up - The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period.

Numerator: 1 year follow up - The total number of TAVR discharges that were discharged during the reporting period as of the date the report is generated for the 1 year 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.

Denominator: 1 year follow up - The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period

30 Day Follow up information submitted to the STS/ACC TVT registry with the assessment date of 1 - 75 days post-procedure that has passed DQR submission will be included in the 30 day follow up report

One Year Follow up information submitted to the STS/ACC TVT registry with the assessment date of 76 - 425 days post-procedure that has passed DQR submission will be included in the one year follow up report.

Forms Completed

Numerator: 30 day follow up -

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. 30 Day Follow up information submitted to the STS/ACC TVT registry with the assessment date of 23 - 75 days post-procedure that has passed DQR submission and has KCCQ-12 Performed #13845 with data entered to generate at least one score, Echocardiogram Performed #13492 Documented as Yes with AV Mean Gradient #13676,

Aortic Regurgitation #13527, and Paravalvular Regurgitation #14504 when Aortic Regurgitation is documented as a value other than None, and NYHA Classification #13688 documented with a value will be considered performed. An Echocardiogram performed from days 7 – 23 will be considered performed if it contains the required values when the Assessment Date #11000 is between days 23 – 75 and all other follow up performed requirements are met as listed above.

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.

Numerator: 1 year 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 1 year 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 . One Year Follow up information submitted to the STS/ACC TVT registry with the assessment date of 305 - 425 days post-procedure that has passed DQR submission and has KCCQ-12 Performed #13845 with data entered to generate at least one score, Echocardiogram Performed #13492 with AV Mean Gradient #13676, Aortic Regurgitation #13527, and Paravalvular Regurgitation #14504 when Aortic Regurgitation is documented as a value other than None, and NYHA Classification #13688 is documented with a value will be considered performed.

Denominator: 1 year 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, AND 30 day Follow Up Status SEQ # 11004 is documented as Alive.

Status at Follow-Up

Alive

Numerator: 30 day follow up - The 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 Follow Up Status SEQ #11004 is documented as Alive. If more than one follow up form is submitted for this time period, all must have Follow Up Status SEQ #11004 documented as Alive.

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

Numerator: 1 year follow up - The 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 1 year time period in which Follow Up Status SEQ #11004 is documented as Alive. If more than one follow up form is submitted for this time period, all must have Follow Up Status SEQ #11004 documented as Alive.

Denominator: 1 year follow up - The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period in which Procedure Aborted SEQ #13505 is documented as No .

Deceased

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased.

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

Numerator: 1 year follow up - The 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 1 year time period in which Follow Up Status SEQ #11004 is documented as Deceased.

Denominator: 1 year follow up - The total number of TAVR discharges undergoing one or more TAVR procedures

during the reporting period in which Procedure Aborted SEQ #13505 is documented as No.

Lost to Follow-Up

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Lost to Follow Up.

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

Numerator: 1 year follow up - The 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 1 year time period in which Follow Up Status SEQ #11004 is documented as Lost to Follow Up.

Denominator: 1 year follow up - The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period in which Procedure Aborted SEQ #13505 is documented as No.

Events - Procedure to 30 days

Reported events includes those events that either occurred post-procedure through discharge in the hospital, or occurred within 30 days post-procedure, so long as those events were listed in 30 day follow up assessments submitted through 75 days post-procedure.

Permanent Pacemaker

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Permanent Pacemaker is documented as Yes AND date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period, excluding Pre-Procedure Permanent Pacemaker and/or ICD documented as Yes and excluding TAVR discharges where all TAVR procedures documented Procedure Aborted SEQ #13505 as Yes.

Stroke - All

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Stroke - Ischemic, Stroke - Hemorrhagic, OR Stroke - Undetermined is documented as Yes AND date difference between procedure and event date $\leq$ 30 days.

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

Afib

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Atrial Fibrillation is documented as Yes AND date difference between procedure and event date $\leq$ 30 days.

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

Readmissions Non-Valve Related

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Readmission - Non-Valve Related is documented as Yes

AND date difference between discharge date SEQ #10100 and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period, excluding TAVR discharges where all TAVR procedures documented Procedure Aborted SEQ #13505 as Yes, or Discharge Status #10105 is documented as Deceased.

Readmissions Valve-Related

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Readmission - Valve Related is documented as Yes AND date difference between discharge date SEQ #10100 and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period, excluding TAVR discharges where all TAVR procedures documented Procedure Aborted SEQ #13505 as Yes, or Discharge Status #10105 is documented as Deceased.

Cardiac Surgery - Unplanned

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Cardiac Surgery - Unplanned is documented as Yes AND date difference between procedure and event date $\leq$ 30 days.

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

Device Fracture

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Fracture is documented as Yes AND date difference between procedure and event date $\leq$ 30 days.

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

Device Embolization

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Embolization is documented as Yes AND date difference between procedure and event date $\leq$ 30 days.

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

Device Thrombosis

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Thrombosis is documented as Yes AND date difference between procedure and event date $\leq$ 30 days.

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

Events - Procedure to 1 Year

Reported events includes those events that either occurred post-procedure through discharge in the hospital, or occurred within 365 days post-procedure, so long as those events were listed in 30 day follow up or 1 year follow up assessments submitted through 425 days post-procedure.

Permanent Pacemaker

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Permanent Pacemaker is documented as Yes AND date difference between procedure and event date $< \text{ or } = 365$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period, excluding Pre-Procedure Permanent Pacemaker and/or ICD documented as Yes and excluding TAVR discharges where all TAVR procedures documented Procedure Aborted SEQ #13505 as Yes.

Stroke - All

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Stroke - Ischemic, Stroke - Hemorrhagic OR Stroke - Undetermined is documented as Yes AND date difference between procedure and event date $< \text{ or } = 365$ days.

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

Afib

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Atrial Fibrillation is documented as Yes AND date difference between procedure and event date $< \text{ or } = 365$ days.

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

Readmissions - VR

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Readmission - Valve Related is documented as Yes AND date difference between procedure and event date $< \text{ or } = 365$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period, excluding TAVR discharges where all TAVR procedures documented Procedure Aborted SEQ #13505 as Yes, or Discharge Status #10105 is documented as Deceased.

Readmissions - NVR

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and

SEQ #14276 Readmission - Non-Valve Related is documented as Yes AND date difference between procedure and event date ≤ 365 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period, excluding TAVR discharges where all TAVR procedures documented Procedure Aborted SEQ #13505 as Yes, or Discharge Status #10105 is documented as Deceased.

Cardiac Surgery Unplanned

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Cardiac Surgery Unplanned is documented as Yes AND date difference between procedure and event date ≤ 365 days.

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

Device Fracture

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Fracture is documented as Yes AND date difference between procedure and event date ≤ 365 days.

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

Device Embolization

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Embolization is documented as Yes AND date difference between procedure and event date ≤ 365 days.

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

Device Thrombosis

Numerator: The 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 1 year time period and/or 30 day follow up submitted during the required time period in which Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Thrombosis is documented as Yes AND date difference between procedure and event date ≤ 365 days.

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

KCCQ-12 Performed

30 Day Numerator: The 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 KCCQ-12 Performed SEQ #13845 is documented as Yes and at least one score can be calculated from the values entered.

30 Day Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with only one TAVR procedure that Procedure Aborted SEQ #13505 is documented as Yes, or Discharge Status #10105 is documented as Deceased.

1 Year Numerator: The 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 1 year time period in which KCCQ-12 Performed SEQ #13845 is documented as Yes and at least one score can be calculated from the values entered.

1 Year Denominator: The total number of TAVR discharges that were discharged during the reporting period EXCLUDING TAVR discharges with only one TAVR procedure that Procedure Aborted, SEQ #13505, is documented as Yes, or Discharge Status, SEQ #10105, is documented as Deceased, or 30 Day Follow Up Status, SEQ #11004, is documented as Deceased.

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.

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 in which at least one follow up form as of the date the report is generated for the 30 day/1 year time 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.

Survival with sustained QOL

Your hospital's proportion of patients with TAVR who are alive and have follow up KCCQ overall summary score ≥ 45 and follow up KCCQ overall summary score did not decrease more than 10 points.

Numerator: Follow up status, SEQ #11004, is Alive AND KCCQ Overall Summary Score, SEQ #14535, is ≥ 45 AND follow up KCCQ Overall Summary Score, SEQ #14535, did not decrease more than 10 points from baseline KCCQ, SEQ #14310.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted, SEQ #13505, documented as Yes for all TAVR procedures.

Status at Follow Up

Alive

Numerator: 30 day follow up - The 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 Follow Up Status SEQ #11004 is documented as Alive.

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

Numerator: 1 year follow up - The 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 1 year time period in which Follow Up Status SEQ #11004 is documented as Alive.

Denominator: 1 year follow up - The total number of TAVR discharges undergoing one or more TAVR procedures during the reporting period in which Procedure Aborted SEQ #13505 is documented as No.

Deceased

Numerator: 30 day follow up - The 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 Follow Up Status SEQ #11004 is documented as Deceased.

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.

Numerator: 1 year follow up - The 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 1 year time period in which Follow Up Status SEQ #11004 is documented as Deceased.

Denominator: 1 year 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.

Cause of Death

Acute MI

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Acute Myocardial Infarction.

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 and Follow Up Status SEQ #11004 is documented as Deceased .

Sudden Cardiac Death

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Sudden Cardiac Death.

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 and Follow Up Status SEQ #11004 is documented as Deceased .

Heart Failure

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Heart Failure.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Stroke

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Stroke.

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 and Follow Up Status SEQ #11004 is documented as Deceased .

Cardiovascular Procedure

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Cardiovascular Procedure.

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 and Follow Up Status SEQ #11004 is documented as Deceased .

Cardiovascular Hemorrhage

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Cardiovascular Hemorrhage.

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 and Follow Up Status SEQ #11004 is documented as Deceased .

Other Cardiovascular Reason

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Other Cardiovascular Reason.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Pulmonary

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Pulmonary.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Renal

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Renal.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Gastrointestinal

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Gastrointestinal.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Hepatobiliary

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Hepatobiliary.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Pancreatic

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Pancreatic.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Infection

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Infection.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Inflammatory/Immunologic

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Inflammatory/Immunologic.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Hemorrhage

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Hemorrhage.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Non-Cardiovascular Procedure or Surgery

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Non-Cardiovascular Procedure or Surgery.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Trauma

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Trauma.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Suicide

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Suicide.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Neurological

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Neurological.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Malignancy

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Malignancy.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Other Non-Cardiovascular Reason

Numerator: The 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 Follow Up Status SEQ #11004 is documented as Deceased and Cause of Death SEQ #11006 is documented as Other Non-Cardiovascular Reason.

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 and Follow Up Status SEQ #11004 is documented as Deceased.

Residence

Home with No Health Aid

Numerator: The 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 Follow Up Residence SEQ #13805 is documented as Home with No Health Aid.

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 and Follow Up Status SEQ #11004 is documented as Alive.

Home with Health Aid

Numerator: The 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 Follow Up Residence SEQ #13805 is documented as Home with Health Aid.

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 and Follow Up Status SEQ #11004 is documented as Alive.

Long Term Care

Numerator: The 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 Follow Up Residence SEQ #13805 is documented as Long Term Care.

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 and Follow Up Status SEQ #11004 is documented as Alive.

Other

Numerator: The 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 Follow Up Residence SEQ #13805 is documented as Other.

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 and Follow Up Status SEQ #11004 is documented as Alive.

Not Documented

Numerator: The 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 Follow Up Residence SEQ #13805 is documented as Not Documented.

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 and Follow Up Status SEQ #11004 is documented as Alive.

Follow Up Assessment

NYHA Class Documented

Class I

Numerator: The 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 NYHA Classification SEQ #13688 is documented as Class I.

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.

Class II

Numerator: The 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 NYHA Classification SEQ #13688 is documented as Class II.

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.

Class III

Numerator: The 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 NYHA Classification SEQ #13688 is documented as Class III.

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.

Class IV

Numerator: The 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 NYHA Classification SEQ #13688 is documented as Class IV.

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.

Not Documented

Numerator: The 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 NYHA Classification #14333 is documented as Not Documented.

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

12 Lead ECG Performed

No Significant Change

Numerator: The 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 12 Lead ECG Performed SEQ #13689 is documented as Yes and 12 Lead ECG Findings SEQ #13621 is documented as No Significant Change.

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 and 12 Lead ECG Performed SEQ #13689 is documented as Yes.

Pathological Q Wave

Numerator: The 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 12 Lead ECG Performed SEQ #13689 is documented as Yes and 12 Lead ECG Findings SEQ #13621 is documented as Pathological Q Wave.

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 and 12 Lead ECG Performed SEQ #13689 is documented as Yes.

New LBBB

Numerator: The 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 12 Lead ECG Performed SEQ #13689 is documented as Yes and 12 Lead ECG Findings SEQ #13621 is documented as New LBBB.

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 and 12 Lead ECG Performed SEQ #13689 is documented as Yes.

Cardiac Arrhythmia

Numerator: The 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 12 Lead ECG Performed SEQ #13689 is documented as Yes and 12 Lead ECG Findings SEQ #13621 is documented as Cardiac Arrhythmia.

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 and 12 Lead ECG Performed SEQ #13689 is documented as Yes.

Echocardiogram Performed

Numerator: The 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 Echocardiogram Performed SEQ #13492 is documented as Yes.

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.

LVEF Assessed

Numerator: The 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 Echocardiogram Performed SEQ #13492 is documented as Yes and LVEF SEQ #13690 is documented with a percentage from 0 - 100%.

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.

AV Mean Gradient Documented

Numerator: The 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 AV Mean Gradient SEQ #13676 is documented with a numeric value.

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.

Aortic Regurgitation

None

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as None.

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.

Trace/Trivial

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Trace/Trivial.

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.

Mild

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Mild.

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.

Moderate

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Moderate.

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.

Severe

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Severe.

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.

Paravalvular Regurgitation

None

Numerator: The 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 Aortic Regurgitation

SEQ #13527 is documented as Mild, Moderate or Severe and Paravalvular Regurgitation SEQ #14504 is documented as None.

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 and Aortic Regurgitation SEQ #13527 is documented as Trace/Trivial, Mild, Moderate or Severe.

Mild

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Mild, Moderate or Severe and Paravalvular Regurgitation SEQ #14504 is documented as Mild.

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 and Aortic Regurgitation SEQ #13527 is documented as Trace/Trivial, Mild, Moderate or Severe.

Moderate

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Mild, Moderate or Severe and Paravalvular Regurgitation SEQ #14504 is documented as Moderate.

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 and Aortic Regurgitation SEQ #13527 is documented as Trace/Trivial, Mild, Moderate or Severe.

Severe

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Mild, Moderate or Severe and Paravalvular Regurgitation SEQ #14504 is documented as Severe.

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 and Aortic Regurgitation SEQ #13527 is documented as Trace/Trivial, Mild, Moderate or Severe.

Not Documented

Numerator: The 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 Aortic Regurgitation SEQ #13527 is documented as Mild, Moderate or Severe and Paravalvular Regurgitation SEQ #14504 is documented as Not Documented.

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 and Aortic Regurgitation SEQ #13527 is documented as None, Trace/Trivial, Mild, Moderate or Severe.

4D CT Performed (1 Year Follow Up Only).

Numerator: The 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 4D CT SEQ #13692 is documented as Yes.

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.

Valve Thrombosis Noted

Numerator: The 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 4D CT SEQ #13692 is documented as Yes and Valve Thrombosis Noted SEQ #13694 is documented as Yes.

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 and 4D CT SEQ #13692 is documented as Yes.

Leaflet Dysfunction Noted

Numerator: The 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 4D CT SEQ #13692 is documented as Yes and Leaflet Dysfunction Noted SEQ #13695 is documented as Yes.

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 and 4D CT SEQ #13692 is documented as Yes.

Follow Up Events - Procedure to 30 days/365 days

30 Day Follow Up Report - Events that either occurred post-procedure through discharge in the hospital, or occurred within 30 days post-procedure, so long as those events were documented in the 30 day follow-up assessment(s) submitted through 75 days post-procedure.

1 Year Follow Up Report - Events that either occurred post-procedure through discharge in the hospital, or occurred within 365 days post-procedure, so long as those events were documented in the 30 day or 1 year follow-up assessment(s) submitted within the required time periods, see below.

30 Day Follow up information submitted to the STS/ACC TVT registry with the assessment date of 1 - 75 days post-procedure that has passed DQR submission will be included in the 30 day follow up report.

1 Year Follow up information submitted to the STS/ACC TVT registry with the assessment date of 76 - 425 days post-procedure that has passed DQR submission will be included in the one year follow up report.

Deceased

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Discharge Status #10105 is documented as Deceased OR Follow Up Status SEQ #11004 is documented as Deceased AND date difference between procedure and event date ≤ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Atrial Fibrillation

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Atrial Fibrillation #9002 is documented as Yes OR Follow Up

Event #12933 is documented as Yes and Atrial Fibrillation #12933 is documented as Yes AND the date difference between procedure and event date $< \text{ or } = 30$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Bleeding - Life Threatening

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Bleeding-Life Threatening #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Bleeding-Life Threatening #12933 is documented as Yes AND the date difference between procedure and event date $< \text{ or } = 30$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Bleeding - Major

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Bleeding-Major #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Bleeding-Major #12933 is documented as Yes AND the date difference between procedure and event date $< \text{ or } = 30$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Cardiac Surgery or Intervention - Other Unplanned

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Cardiac Surgery or Intervention #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Cardiac Surgery or Intervention #12933 is documented as Yes AND the date difference between procedure and event date $< \text{ or } = 30$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Device Embolization

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Device Embolization #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Device Embolization #12933 is documented as Yes AND the date difference between procedure and event date $< \text{ or } = 30$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Device Fracture

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Device Fracture #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Device Fracture #12933 is documented as Yes AND the date difference between procedure and event date $< \text{ or } = 30$ days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Device Thrombosis

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Device Thrombosis #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Device Thrombosis #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Dialysis - New Requirement

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Dialysis-New Requirement #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Dialysis-New Requirement #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Endocarditis

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Endocarditis #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Endocarditis #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

ICD

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and ICD #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and ICD #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period, excluding Pre-Procedure ICD is documented as Yes and excluding TAVR discharges where all TAVR procedures documented Procedure Aborted SEQ #13505 as Yes.

MI

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and MI #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and MI #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

PCI

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and PCI #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and PCI #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Permanent Pacemaker

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Permanent Pacemaker #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Permanent Pacemaker #12933 is documented as Yes AND the date difference between procedure and event date ≤ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures performed and Pre-Procedure Permanent Pacemaker and/or ICD documented as Yes.

Readmissions Non-Valve Related

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Readmission Non-Valve Related #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Readmission Non-Valve Related #12933 is documented as Yes AND the date difference between procedure and event date ≤ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with only one TAVR procedure that Procedure Aborted SEQ #13505 is documented as Yes, or Discharge Status #10105 is documented as Deceased.

Readmissions Valve-Related

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Readmission Valve Related #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Readmission Valve Related #12933 is documented as Yes AND the date difference between procedure and event date ≤ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with only one TAVR procedure that Procedure Aborted SEQ #13505 is documented as Yes, or Discharge Status #10105 is documented as Deceased.

Reintervention - Aortic Valve

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Reintervention Aortic Valve #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Reintervention Aortic Valve #12933 is documented as Yes AND the date difference between procedure and event date ≤ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Stroke - Ischemic

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Stroke-Ischemic #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Stroke-Ischemic #12933 is documented as Yes AND the date difference between procedure and event date ≤ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Stroke - Hemorrhagic

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Stroke-Hemorrhagic #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Stroke-Hemorrhagic #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Stroke - Undetermined

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Stroke-Undetermined #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Stroke-Undetermined #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

TIA

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and TIA #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and TIA #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Vascular Complication - Major

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Vascular Complication-Major #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Vascular Complication-Major #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Vascular Complication - Minor

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Vascular Complication-Minor #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Vascular Complication-Minor #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Vascular Surgery or Intervention - Unplanned

Numerator: The number of TAVR discharges that were discharged during the reporting period in which Intra or Post-Procedure Event #12153 is documented as Yes and Vascular Surgery or Intervention-Unplanned #9002 is documented as Yes OR Follow Up Event #12933 is documented as Yes and Vascular Surgery or Intervention-Unplanned #12933 is documented as Yes AND the date difference between procedure and event date $\leq$ 30 days.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Follow Up Events - All Events

30 Day Follow Up Report - Events that occurred discharge through 75 days post-procedure, so long as those events were documented in the 30 day follow-up assessment(s) submitted within the required time periods, see below.

1 Year Follow Up Report - Events that either discharge through 425 days post-procedure, so long as those events were documented in the 30 day or 1 year follow-up assessment(s) submitted within the required time periods, see below.

30 Day Follow up information submitted to the STS/ACC TVT registry with the assessment date of 1 - 75 days post-procedure that has passed DQR submission will be included in the 30 day follow up report.

1 Year Follow up information submitted to the STS/ACC TVT registry with the assessment date of 76 - 425 days post-procedure that has passed DQR submission will be included in the one year follow up report.

Deceased

Numerator: The 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 Follow Up Status SEQ #11003 is documented as Deceased.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Bleeding - Life Threatening

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Bleeding - Life Threatening is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Atrial Fibrillation

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Atrial Fibrillation is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Bleeding - Major

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Bleeding - Major is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Cardiac Surgery or Intervention - Other Unplanned

Numerator: The 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 Follow Up Events SEQ

#12933 is documented as Yes and SEQ #14276 Cardiac Surgery or Intervention is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Device Embolization

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Embolization is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Device Fracture

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Fracture is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Device Thrombosis

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Device Thrombosis is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Dialysis - New Requirement

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Dialysis - New Requirement is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Endocarditis

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Endocarditis is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

ICD

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 ICD is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding Pre-

Procedure ICD documented as Yes and excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

MI

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Myocardial Infarction is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

PCI

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 PCI is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Permanent Pacemaker

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Permanent Pacemaker is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures performed and Pre-Procedure Permanent Pacemaker and/or ICD documented as Yes.

Readmissions Non-Valve Related

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Readmissions Non-Valve Related is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with only one TAVR procedure that Procedure Aborted SEQ #13505 is documented as Yes, or Discharge Status #10105 is documented as Deceased.

Readmissions Valve-Related

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Readmissions Valve Related is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with only one TAVR procedure that Procedure Aborted SEQ #13505 is documented as Yes, or Discharge Status #10105 is documented as Deceased.

Reintervention - Aortic Valve

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Reintervention - Aortic Valve is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with only one TAVR procedure that Procedure Aborted SEQ #13505 is documented as Yes, or Discharge Status #10105 is documented as Deceased.

Stroke - Ischemic

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Stroke - Ischemic is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Stroke - Hemorrhagic

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Stroke - Hemorrhagic is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Stroke - Undetermined

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Stroke - Undetermined is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

TIA

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 TIA is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Vascular Complication - Major

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Vascular Complication - Major is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Vascular Complication - Minor

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Vascular Complication - Minor is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

Vascular Surgery or Intervention - Unplanned

Numerator: The 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 Follow Up Events SEQ #12933 is documented as Yes and SEQ #14276 Vascular Surgery or Intervention - Unplanned is documented as Yes.

Denominator: The total number of TAVR discharges that were discharged during the reporting period excluding TAVR discharges with Procedure Aborted SEQ #13505 documented as Yes for all TAVR procedures.

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 #11990, Direct Thrombin Inhibitors and/or Warfarin, and Prescribed SEQ #13696 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 #11990, Aspirin and/or P2Y12 Inhibitors, and Prescribed SEQ #13696 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 #11990, Direct Factor Xa Inhibitors, and Prescribed SEQ #13696 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 #11990 and Prescribed SEQ #13696 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 #11990 and Prescribed SEQ #13696 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 #11990 and Prescribed SEQ #13696 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 #11990 and Prescribed SEQ #13696 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 #11990 and Prescribed SEQ #13696 is documented as Yes AND Antiplatelet SEQ #11990, Aspirin AND P2Y12 Inhibitor SEQ #11990 P2Y12 Antagonist is 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 Inhibitor AND Warfarin, SEQ #11990 and Prescribed SEQ #13696 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.

- KCCQ Completion
- Stroke - Ischemic
- Pacemaker
- Readmissions Non Valve Related
- Readmissions Valve Related
- Death
- NYHA Class Documented - 30 Day
- Follow Up Completion
- AV Mean Gradient Documented - 30 Day

Readmissions Valve-Related

Numerator is the number of TAVR follow-up forms containing at least one follow up form indicating a valve-related readmission occurred (seq #12933).

Denominator is the total number of TAVR discharges with follow up information submitted.

The NCDR ID numbers of the valve-related readmissions will be listed at the end of the follow-up reports.

Readmissions Non-Valve Related

Numerator is the number of TAVR discharges containing at least one follow up form indicating a non-valve-related readmission occurred (seq #12933).

Denominator is the total number of TAVR discharges with follow up information submitted.

The NCDR ID numbers of the non-valve-related readmissions will be listed at the end of the follow-up reports.

