

MISHC TTVR DASHBOARD REPORT DICTIONARY

MISHC TTVR Dashboard Report Dictionary

A guide that provides line item detail for MISHC TTVR hospital reports. Updated 8/20/2026

Dashboard

TTVR Discharges

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

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

(This will always show as 100%.)

TTVR Procedures

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

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

(This will always show as 100%.)

Post-Procedure Length of Stay - mean, median, st. dev.

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

Events

Deceased

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

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

Stroke (Any)

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

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

Acute Kidney Injury (stage 3)

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

1. The difference between pre-procedure Creatinine, SEQ #605, and Creatinine (highest), SEQ #13764, is $\geq 300\%$; OR
2. Pre-procedure Creatinine, SEQ #6050, is ≥ 4 mg/dL AND the difference between pre-procedure Creatinine and post-procedure Creatinine (highest or discharge) is ≥ 0.5 ; OR
3. Event code of Dialysis - New Requirement, SEQ #12153

Exclusion: Currently on Dialysis (pre-procedure), SEQ #13880, is documented as Yes.

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

CIN

CIN is defined as Post-Procedure Creatinine (highest), SEQ #13764, minus Pre-Procedure Creatinine, SEQ #6050, is ≥ 0.5 .

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

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

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Currently on Dialysis (pre-procedure), SEQ #13880 documented as Yes.

Bleeding/Vasc Comps

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

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

Permanent Pacemaker

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

Denominator: The total number of TTVR procedures that were discharged during the reporting period. Excluding Procedure History of Permanent Pacemaker, SEQ #12905, Occurrence marked as Yes, SEQ #14268.

KCCQ Completion at Baseline

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

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

KCCQ Performed at 30 Day/1Year

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.

Numerator

30 day follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which KCCQ-12 Performed, SEQ #13845, is documented as Yes.

1 year follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which KCCQ-12 Performed, SEQ #13845, is documented as Yes

Denominator

30 day follow up-The total number of TTVR discharges that were discharged during the reporting period, excluding TTVR discharges with only one TTVR procedure that Procedure Aborted, SEQ# 13505 is documented as Yes or Discharge Status, SEQ #10105, is documented as Deceased.

1 year follow up-The total number of TTVR discharges that were discharged during the reporting period, excluding TTVR discharges with only one TTVR 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.

Survival with Sustained QOL

Your hospital's proportion of patients with TTVR who are alive and have follow up KCCQ-12 overall summary score ≥ 45 and follow up KCCQ-12 overall summary score did not decrease by 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-12, SEQ #14310.

Denominator

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

Residual Tricuspid Regurgitation

None

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the Echocardiogram, SEQ #13592, is documented as Yes, TTE or TEE, and Tricuspid Regurgitation, SEQ #13494, is documented as None.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Trace/Trivial

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the Echocardiogram, SEQ #13592, is documented as Yes, TTE or TEE, and Tricuspid Regurgitation, SEQ #13494, is documented as Trace/Trivial.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Mild

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the Echocardiogram, SEQ #13592, is documented as Yes, TTE or TEE, and Tricuspid Regurgitation, SEQ #13494, is documented as Mild.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Moderate

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the Echocardiogram, SEQ #13592, is documented as Yes, TTE or TEE, and Tricuspid Regurgitation, SEQ #13494, is documented as Moderate.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Severe

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the Echocardiogram, SEQ #13592, is documented as Yes, TTE or TEE, and Tricuspid Regurgitation, SEQ #13494, is documented as Severe.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Paravalvular Regurgitation

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation, SEQ #13766, is documented as None, Mild, Moderate, Severe or Not Documented. Procedures where Paravalvular Regurgitation does not have a value entered will be documented as Not Documented. Paravalvular Regurgitation, SEQ #13766, is a child field of Tricuspid Regurgitation, SEQ #13494.

Denominator: The total number of TTVR discharges that were discharged during the reporting period in which Tricuspid Regurgitation, SEQ #13494, is documented as Trace/Trivial, Mild, Moderate, Moderate-Severe, or Severe. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

None

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation, SEQ #13766, is documented as None. Paravalvular Regurgitation, SEQ #13766, is a child field of Tricuspid Regurgitation, SEQ #13494.

Denominator: The total number of TTVR discharges that were discharged during the reporting period in which Tricuspid Regurgitation, SEQ #13494, is documented as Trace/Trivial, Mild, Moderate, Moderate-Severe, or Severe. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Mild

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation, SEQ #13766, is documented as Mild. Paravalvular Regurgitation, SEQ #13766, is a child field of

Tricuspid Regurgitation, SEQ #13494.

Denominator: The total number of TTVR discharges that were discharged during the reporting period in which Tricuspid Regurgitation, SEQ #13494, is documented as Trace/Trivial, Mild, Moderate, Moderate-Severe, or Severe. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Moderate

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation, SEQ #13766, is documented as Moderate. Paravalvular Regurgitation, SEQ #13766, is a child field of Tricuspid Regurgitation, SEQ #13494.

Denominator: The total number of TTVR discharges that were discharged during the reporting period in which Tricuspid Regurgitation, SEQ #13494, is documented as Trace/Trivial, Mild, Moderate, Moderate-Severe, or Severe. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Severe

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation, SEQ #13766, is documented as Severe. Paravalvular Regurgitation, SEQ #13766, is a child field of Tricuspid Regurgitation, SEQ #13494.

Denominator: The total number of TTVR discharges that were discharged during the reporting period in which Tricuspid Regurgitation, SEQ #13494, is documented as Trace/Trivial, Mild, Moderate, Moderate-Severe, or Severe. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Not Documented

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Paravalvular Regurgitation, SEQ #13766, is documented as Not Documented. Paravalvular Regurgitation, SEQ #13766, is a child field of Tricuspid Regurgitation, SEQ #13494.

Denominator: The total number of TTVR discharges that were discharged during the reporting period in which Tricuspid Regurgitation, SEQ #13494, is documented as Trace/Trivial, Mild, Moderate, Moderate-Severe, or Severe. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

TV Diastolic Gradient Documented at Baseline

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Tricuspid Valve Diastolic Gradient #13807 was documented post-procedure.

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

TV Diastolic Gradient Documented Post-Procedure

Numerator: The number of TTVR discharges that were discharged during the reporting period in which Tricuspid Valve Diastolic Gradient #14507 was documented post-procedure.

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

Tricuspid Valve Diastolic Gradient (≤ 5 mmHg)

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the TV Diastolic Gradient (highest), SEQ #13770, is documented as ≤ 5 mmHg.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Tricuspid Valve Diastolic Gradient ($>5-10$ mmHg)

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the TV Diastolic Gradient (highest), SEQ #13770, is documented as $>5-10$ mmHg.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Tricuspid Valve Diastolic Gradient (>10 mmHg)

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the TV Diastolic Gradient (highest), SEQ #13770, is documented as >10 mmHg.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Cardiac Rehab Referral

Numerator: The number of TTVR discharges that were discharged during the reporting period where Discharge Status, SEQ #10105, is documented as Alive and Cardiac Rehabilitation Referral, SEQ #10116, is documented as Yes.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding procedures where Procedure Aborted, SEQ #13505, is documented as Yes, or Discharge Status, SEQ #10105, is documented as Deceased, or Hospice Care, SEQ #10115, is documented as Yes, or Discharge Location, SEQ #10110, is documented as Other Acute Care Hospital, or Left Against Medical Advice or Cardiac Rehab Referral Prior #10116 is documented as No - Medical Reason Documented.

MISHC TTVR Follow Up Dashboard Report Dictionary

A guide that provides line item detail for MISHC TTVR follow-up reports. Updated 8/19/2026

Forms Due

Numerator: 30 day follow up - The total number of TTVR discharges that were discharged during the reporting 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 TTVR discharges undergoing one or more TTVR 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 will always equal 100%.

Numerator: 1 year follow up - The total number of TTVR discharges that were discharged 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.

Denominator: 1 year follow up - The total number of TTVR discharges undergoing one or more TTVR 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, and will

always equal 100%.

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 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 305 - 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 - The total number of TTVR 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 TV Diastolic Gradient #14545, Tricuspid Regurgitation #13678, Paravalvular Regurgitation #13776 documented with a value if Tricuspid Regurgitation #13678 has 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 TTVR discharges undergoing one or more TTVR 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 TTVR 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 TV Diastolic Gradient #14545, Tricuspid Regurgitation #13678, Paravalvular Regurgitation #13776 documented with a value if Tricuspid Regurgitation #13678 has 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 TTVR discharges undergoing one or more TTVR 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 TTVR 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 TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Procedure Aborted SEQ #13505 is documented as No.

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

Deceased

Numerator: The number of TTEER 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 TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Procedure Aborted SEQ #13505 is documented as No.

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

Lost to Follow Up

Numerator: The number of TTVR 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 TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Procedure Aborted SEQ #13505 is documented as No.

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

Events-Procedure to 30 Days/1 Year

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 assesment(s) submitted through 75 days post-procedure.

30 Day Follow up information submitted to the STS/ACC TTV 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 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 assesment(s) submitted through required time periods see below.

1 Year Follow up information submitted to the STS/ACC TTV 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.

Readmission-Cardiac

Numerator

30 Day follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which Follow Up Events, SEQ #12933, is documented as Yes and Readmission-Cardiac, SEQ #14276, is documented as Yes **AND** date difference between discharge date, SEQ #10100 and event date < or = 30 days.

1 Year follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 1 year time period in which Follow Up Events, SEQ #12933, is documented as Yes and Readmission-Cardiac, SEQ #14276, is documented as Yes **AND** date difference between discharge date, SEQ #10100 and event date ≤ 365 days.

Denominator

30 Day follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

1 Year follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

Readmission-Heart Failure

Numerator

30 Day follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which Follow Up Events, SEQ #12933, is documented as Yes and Readmission-Heart Failure, SEQ #14276, is documented as Yes **AND** date difference between discharge date, SEQ #10100 and event date ≤ 30 days.

1 Year follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 1 year time period in which Follow Up Events, SEQ #12933, is documented as Yes and Readmission-Heart Failure, SEQ #14276, is documented as Yes **AND** date difference between discharge date, SEQ #10100 and event date ≤ 365 days.

Denominator

30 Day follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

1 Year follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

Readmission-Non-Cardiac

Numerator

30 Day follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which Follow Up Events, SEQ #12933, is documented as Yes and Readmission-Non-Cardiac, SEQ #14276, is documented as Yes **AND** date difference between discharge date, SEQ #10100 and event date ≤ 30 days.

1 Year follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 1 year time period in which Follow Up Events, SEQ #12933, is documented as Yes and Readmission-Non-Cardiac, SEQ #14276, is documented as Yes **AND** date difference between discharge date, SEQ #10100 and event date ≤ 365 days.

Denominator

30 Day follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

1 Year follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

Reintervention-Tricuspid Valve

Numerator

30 Day follow up-The number of TTVR 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 Reintervention-Tricupid Valve, SEQ #14276, is documented as Yes AND date difference between procedure and event date ≤ 30 days.

1 year follow up-The number of TTVR 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 Events, SEQ #12933, is documented as Yes and Reintervention-Tricupid Valve, SEQ #14276, is documented as Yes AND date difference between procedure and event date ≤ 365 days.

Denominator

30 day follow up-The total number of TTVR discharges that were discharged during the reporting period in which Procedure Aborted, SEQ #13505, is documented No.

1 year follow up-The total number of TTVR discharges that were discharged during the reporting period in which Procedure Aborted, SEQ #13505, is documented No.

Permanent Pacemaker

Numerator

30 Day follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which Follow Up Events, SEQ #12933, is documented as Yes and Permanent Pacemaker, SEQ #14276, is documented as Yes AND date difference between discharge date, SEQ #10100 and event date ≤ 30 days.

1 Year follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 1 year time period in which Follow Up Events, SEQ #12933, is documented as Yes and Permanent Pacemaker, SEQ #14276, is documented as Yes AND date difference between discharge date, SEQ #10100 and event date ≤ 365 days.

Denominator

30 Day follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

1 Year follow up-The total number of TTVR discharges that were discharged during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ #13505, is documented as No .

NYHA Class Documented

Numerator

30 day follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which NYHA Classification, SEQ #13688, is documented as I, II, III, or IV.

1 year follow up-The number of TTVR discharges that were discharged during the reporting period containing at least one follow up form as of the date of the report is generated for the 30 day time period in which NYHA Classification, SEQ #13688, is documented as I, II, III, or IV.

Denominator

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

1 year follow up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure Aborted, SEQ# 13505 is documented as No.

Residual Tricuspid Regurgitation

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as None, Trace/Trivial, Mild, Moderate, or Severe.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as None, Trace/Trivial, Mild, Moderate, or Severe.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

None

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as None.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as None.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

Trace/Trivial

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Trace/Trivial.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Trace/Trivial.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

Mild

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Mild.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Mild.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

Moderate

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Moderate.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Moderate.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No

Severe

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Severe.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Severe.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No

Paravalvular Regurgitation

Numerator

30 Day Follow Up-The number of TTVR 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 Paravalvular Regurgitation, SEQ #13776, is documented as None, Mild, Moderate, or Severe.

1 Year Follow Up-The number of TTVR 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 Paravalvular Regurgitation, SEQ #13776, is documented as None, Mild, Moderate, or Severe.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

None

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as None.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as None.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No

Mild

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Mild.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Mild.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No

Moderate

Numerator

Numerator:

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Moderate.

Numerator:

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Moderate.

Denominator

30 Day Denominator:

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Moderate.

Denominator: 1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13673, is documented as Moderate.

Severe

Numerator

30 Day Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13677, is documented as Severe.

1 Year Follow Up-The number of TTVR 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 Tricuspid Regurgitation, SEQ #13677, is documented as Severe.

Denominator

30 Day Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No.

1 Year Follow Up-The total number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is documented as Alive and Procedure, SEQ #13505, is documented as No

Tricuspid Valve Diastolic Gradient Documented

Numerator: 30 day follow up-The number of TTVR 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 Tricuspid Valve Diastolic Gradient, SEQ #14545, is documented with a value.

Denominator: 1 Year follow up-The number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is document as Alive and Procedure Aborted, SEQ #13505 is documented as No.

Numerator: 30 day follow up-The number of TTVR 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 Tricuspid Valve Diastolic Gradient, SEQ #14545, is documented with a value.

Denominator: 1 Year follow up-The number of TTVR discharges undergoing one or more TTVR procedures during the reporting period in which Discharge Status, SEQ #10105, is document as Alive and Procedure Aborted, SEQ #13505 is documented as No.

Tricuspid Valve Diastolic Gradient (≤ 5 mmHg).

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the TV Diastolic Gradient (highest), SEQ #14545 is documented as ≤ 5 mmHg.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Tricuspid Valve Diastolic Gradient ($>5-10$ mmHg).

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the TV Diastolic Gradient (highest), SEQ #14545, is documented as $>5-10$ mmHg.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Tricuspid Valve Diastolic Gradient (>10 mmHg).

Numerator: The number of TTVR discharges that were discharged during the reporting period in which the TV Diastolic Gradient (highest), SEQ #14545, is documented as >10 mmHg.

Denominator: The total number of TTVR discharges that were discharged during the reporting period. Excluding Death During Procedure, SEQ #10120, documented as Yes and/or Procedure Aborted, SEQ #13505, documented as Yes.

Tricuspid Valve Diastolic Gradient Increase from Baseline $>10\%$

Numerator: 30 day follow up - The number of TTVR 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 baseline Tricuspid Valve Diastolic Gradient, SEQ #13807, is documented with a value and the 30 day follow up Tricuspid Valve Diastolic Gradient #14545 is documented with a value, and the difference equals a $>10\%$ increase.

Denominator: 30 day follow up - The total number of TTVR discharges undergoing one or more TTVR 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 TTVR 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 baseline Tricuspid Valve Diastolic Gradient, SEQ #13807, is documented with a value and the 1 year follow up Tricuspid Valve Diastolic Gradient #14545 is documented with a value, and the difference equals a >10% increase.

Denominator: 1 year follow up - The total number of TTVR discharges undergoing one or more TTVR 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 at 30 days is documented as Alive.