

2014 eMeasure Flows  
Cover Page

**For eligible professionals reporting EHR clinical quality measures for Meaningful Use (MU) only (Option #1) in 2014, the following must be included in the submitted file(s):**

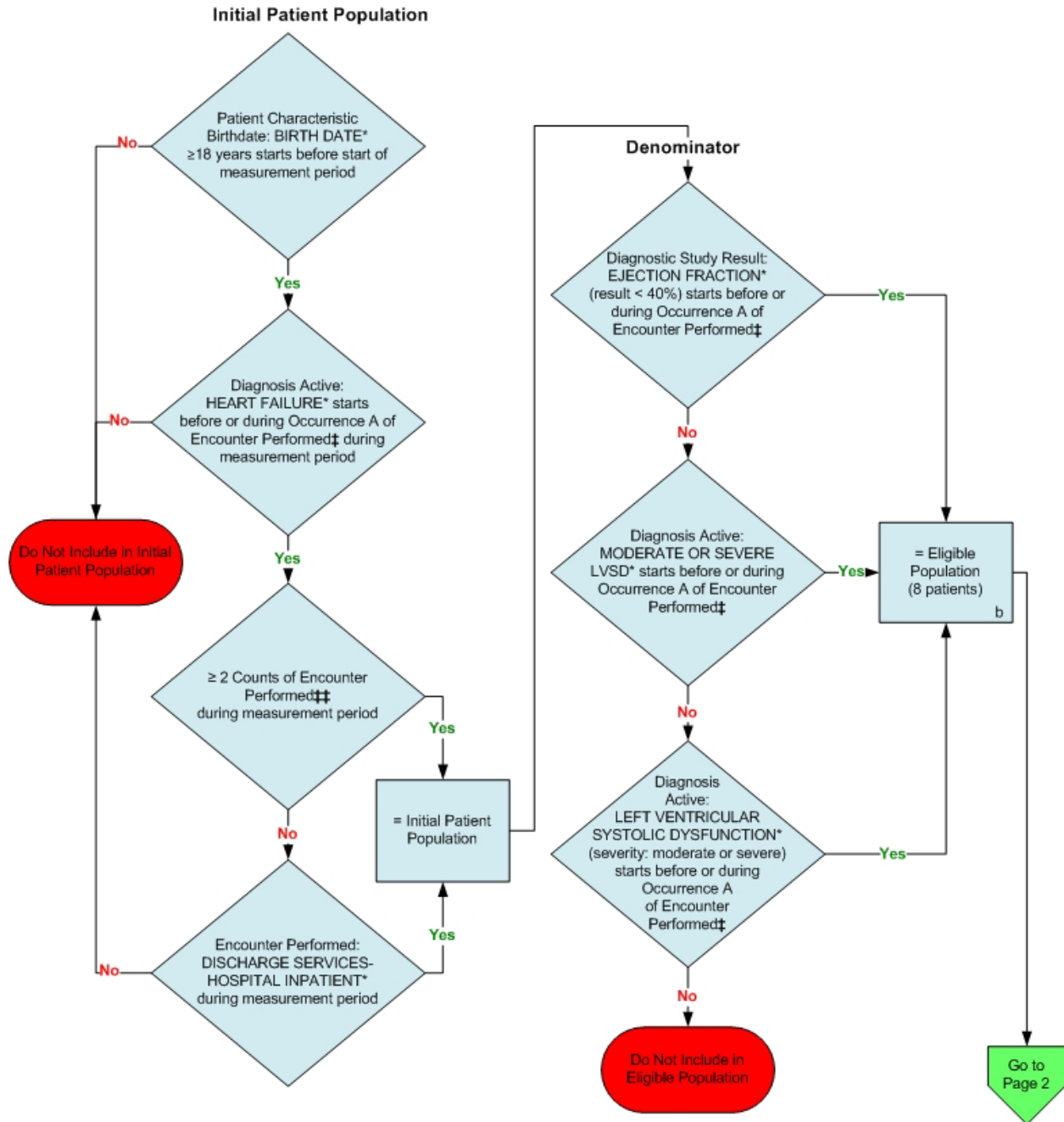
- 1 – Rendering NPI and TIN on QRDA Category III files
- 2 – Payers for all eligible patients identified on QRDA Category III files
- 3 – All of the identifiers for the eMeasures the eligible professional or group practice intends to report must be included in the appropriate fields of the QRDA Category III files even if they do not have any eligible patients for those eMeasures
- 4 – Performance rate(s) (or a measure observation value) must be included in the QRDA Category III file for every eMeasure the eligible professional intended to report according to the performance rate (or measure observation) algorithms provided in each of the flows
- 5 – For every patient evaluated for the eMeasures also identify payer, race, ethnicity and sex.

**For eligible professionals and group practices reporting EHR clinical quality measures for Meaningful Use (MU) and the Physician Quality Reporting System (PQRS) (Option #2) in 2014, the following must be included in the submitted file(s):**

- 1 – Rendering NPI and TIN on the appropriate fields of the QRDA Category I or QRDA Category III files for eligible professionals reporting as *individuals* **OR** submission of all NPIs within the TIN when reporting as a *group practice*
- 2 – At least **one** Medicare Part B beneficiary that is eligible for at least one of the eMeasures either via QRDA Category I or III files
- 3 – Valid HIC# for Medicare beneficiaries on QRDA Category I files
- 4 – Payers for all eligible patients identified on QRDA Category I or III files
- 5 – All of the identifiers for the eMeasures the eligible professional or group practice intends to report must be included in the appropriate fields of the QRDA Category I or III files even if they do not have any eligible patients for those eMeasures
- 6 – Performance rate(s) (or a measure observation value) must be included in the QRDA Category III file for every eMeasure the eligible professional intended to report according to the performance rate (or measure observation) algorithms provided in each of the flows
- 7 – All of the detailed data pertaining to the eMeasures the eligible professional intends to report must be included in the patient-level QRDA Category I files so that the system may generate accurate performance rate(s) (or a measure observation value)
- 8 – For every patient evaluated for the eMeasures also identify payer, race, ethnicity and sex.

2014 eMeasure Flows  
eMeasure Identifier: 144

NQF 0083: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)



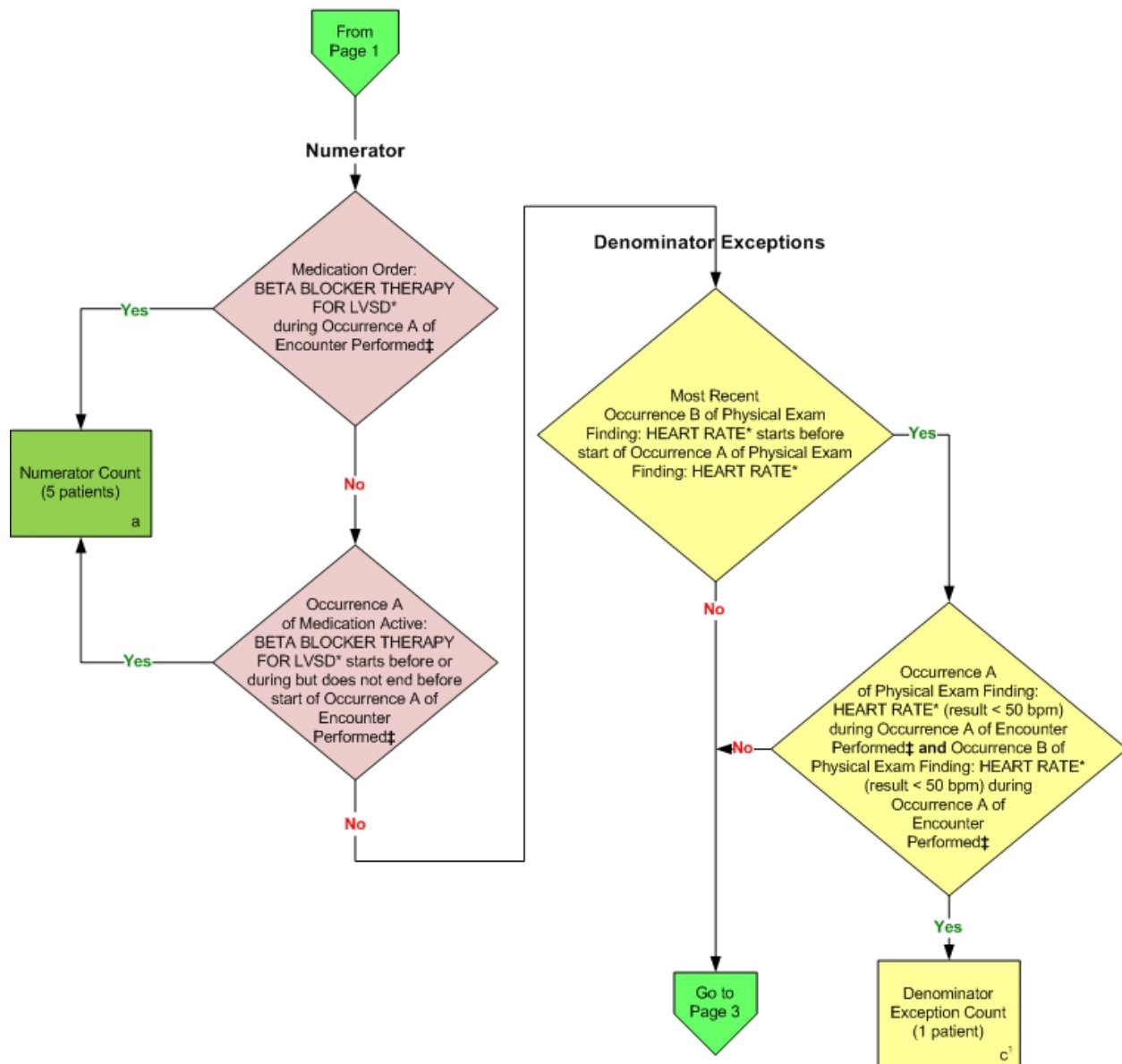
\*Please refer to the specific section of the eMeasure to identify the QDM data elements and associated value sets for use in reporting this eMeasure.

‡ Appropriate encounters include; Care Services in Long-Term Residential Facility, Discharge Services-Hospital Inpatient, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction.

‡‡ Appropriate encounters include; Care Services in Long-Term Residential Facility, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Patient Provider Interaction.

2014 eMeasure Flows  
eMeasure Identifier: 144

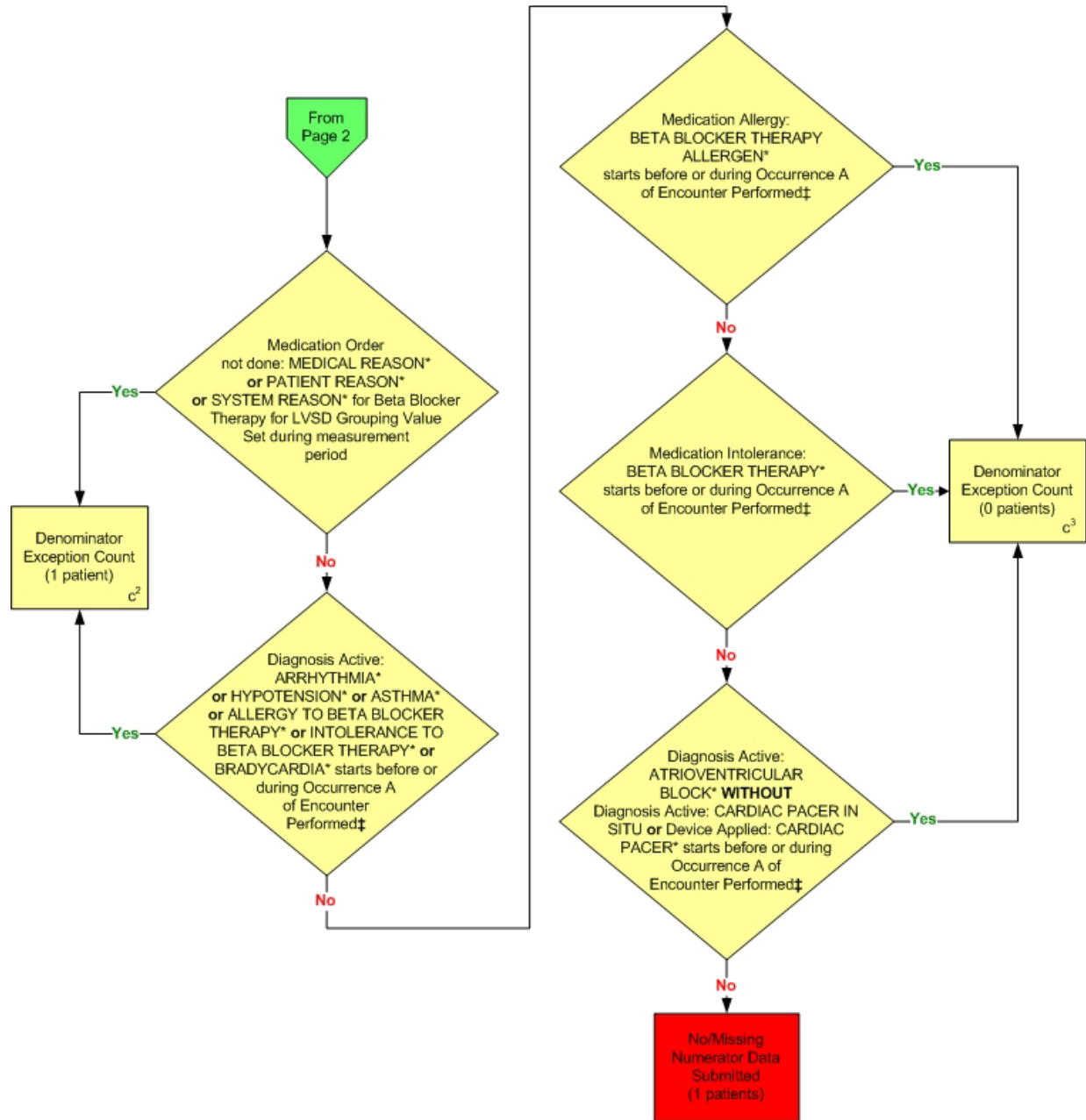
NQF 0083: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)



\*Please refer to the specific section of the eMeasure to identify the QDM data elements and associated value sets for use in reporting this eMeasure.  
‡ Appropriate encounters include; Care Services in Long-Term Residential Facility, Discharge Services-Hospital Inpatient, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction.

2014 eMeasure Flows  
eMeasure Identifier: 144

NQF 0083: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)



\*Please refer to the specific section of the eMeasure to identify the QDM data elements and associated value sets for use in reporting this eMeasure.  
‡Appropriate encounters include: Care Services in Long-Term Residential Facility, Discharge Services-Hospital Inpatient, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction.

**SAMPLE CALCULATION:**

**Performance Rate=**  

$$\frac{\text{Numerator (a= 5 patients)}}{\text{Denominator (b=8 patients) – Denominator Exclusions (N/A) – Denominator Exceptions (c¹ + c² + c³ = 2 patients)}} = 83.33\%$$

2014 eMeasure Flows  
eMeasure Identifier: 144  
NQF 0083: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic  
Dysfunction (LVSD)

Please refer to the specific section of the eMeasure to identify the QDM data elements and associated value sets for use in reporting this eMeasure.

1. Start Initial Patient Population
2. Check Patient Characteristic Birth date:
  - a. If the QDM data element, BIRTH DATE, is greater than or equal to 18 years starts before start of measurement period, equals No, do not include in Initial Patient Population. Stop Processing.
  - b. If the QDM data element, BIRTH DATE, is greater than or equal to 18 years starts before start of measurement period, equals Yes, proceed to check Diagnosis Active.
3. Check Diagnosis Active:
  - a. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals No, proceed to check next Diagnosis Active.
  - b. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals Yes, proceed to check Encounter Performed.
  - c. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, during measurement period equals No, proceed to check next Diagnosis Active.
  - d. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, during measurement period equals Yes, proceed to check Encounter Performed.
  - e. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals No, proceed to check next Diagnosis Active.
  - f. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals Yes, proceed to check Encounter Performed.
  - g. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals No, proceed to check next Diagnosis Active.
  - h. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals Yes, proceed to check Encounter Performed.
  - i. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals No, proceed to check next Diagnosis Active.

- j. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals Yes, proceed to check Encounter Performed.
  - k. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals No, proceed to check next Diagnosis Active.
  - l. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals Yes, proceed to check Encounter Performed.
  - m. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals No, during the measurement period, do not include in the Initial Patient Population. Stop Processing.
  - n. If the QDM data element, HEART FAILURE, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals Yes, proceed to check Encounter Performed.
4. Check Encounter Performed: Total number of encounters must be greater than or equal to 2:
- a. If the QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during the measurement period equals No, proceed to check next Encounter Performed.
  - b. If the QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during the measurement period equals Yes, include in the Initial Patient Population and proceed to check for another Encounter Performed until total number of encounters are greater than or equal to 2.
  - c. If the QDM data element, HOME HEALTHCARE SERVICES, during the measurement period equals No, proceed to check next Encounter Performed.
  - d. If the QDM data element, HOME HEALTHCARE SERVICES during the measurement period equals Yes, include in the Initial Patient Population and proceed to check for another Encounter Performed until total number of encounters are greater than or equal to 2.
  - e. If the QDM data element, NURSING FACILITY VISIT, during the measurement period equals No, proceed to check next Encounter Performed.
  - f. If the QDM data element, NURSING FACILITY VISIT, during the measurement period equals Yes, include in the Initial Patient Population and proceed to check for another Encounter Performed until total number of encounters are greater than or equal to 2.
  - g. If the QDM data element, OFFICE VISIT, during the measurement period equals No, proceed to check next Encounter Performed.
  - h. If the QDM data element, OFFICE VISIT, during the measurement period equals Yes, include in the Initial Patient Population and proceed to check for another Encounter Performed until total number of encounters are greater than or equal to 2.
  - i. If the QDM data element, OUTPATIENT CONSULTATION, during the measurement period equals No, proceed to check next Encounter Performed.
  - j. If the QDM data element, OUTPATIENT CONSULTATION, during the measurement period equals Yes, include in the Initial Patient Population and proceed to check for another Encounter Performed until total number of encounters are greater than or equal to 2.
  - k. If the QDM data element, PATIENT PROVIDER INTERACTION, during the measurement period equals No, check Encounter Performed.

- l. If the QDM data element, PATIENT PROVIDER INTERACTION, during the measurement period equals Yes, include in the Initial Patient Population and proceed to the Denominator if total number of encounters are greater than or equal to 2.
5. Check Encounter Performed:
  - a. If the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, during the measurement period equals No, do not include in the Initial Patient Population. Stop Processing.
  - b. If the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, during the measurement period equals Yes, include in the Initial Patient Population and continue to the Denominator.
6. Start Denominator
  - a. Denominator equals the Initial Patient Population.
7. Check Diagnostic Study Result:
  - a. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnostic Study Result.
  - b. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - c. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Diagnostic Study Result.
  - d. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - e. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnostic Study Result.
  - f. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - g. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnostic Study Result.
  - h. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data

- element, NURSING FACILITY VISIT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
- i. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnostic Study Result.
  - j. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - k. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnostic Study Result.
  - l. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - m. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Diagnosis Active.
  - n. If the QDM data element, EJECTION FRACTION (result less than 40 percent), starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
8. Check Diagnosis Active:
- a. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnosis Active.
  - b. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Encounter Performed the QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - c. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Diagnosis Active.
  - d. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.



- e. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
  - f. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Encounter Performed the QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - g. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
  - h. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - i. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
  - j. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - k. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
  - l. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
  - m. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Diagnosis Active.
  - n. If the QDM data element, MODERATE OR SEVERE LVSD, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and proceed to the Numerator.
9. Check Diagnosis Active:
- a. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnosis Active.
  - b. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and continue on to the Numerator.

- c. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Diagnosis Active.
- d. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and continue on to the Numerator.
- e. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- f. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and continue on to the Numerator.
- g. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
- h. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and continue on to the Numerator.
- i. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
- j. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and continue on to the Numerator.
- k. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
- l. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and continue on to the Numerator.
- m. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of

- Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, do not include in the Eligible Population. Stop Processing.
- n. If the QDM data element, LEFT VENTRICULAR SYSTOLIC DYSFUNCTION (severity: moderate or severe), starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Eligible Population Count, which is represented by letter B in the sample calculation listed at the end of this document. Letter B equals 8 patients and continue on to the Numerator.
10. Start Numerator
  11. Check Medication Order:
    - a. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Order.
    - b. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
    - c. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Medication Order.
    - d. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
    - e. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Order.
    - f. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
    - g. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Order.
    - h. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
    - i. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Order.
    - j. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the

sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.

- k. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Order.
- l. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
- m. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Medication Active.
- n. If the QDM data element, BETA BLOCKER THERAPY FOR LVSD, during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.

12. Check Medication Active:

- a. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Active.
- b. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
- c. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Medication Active.
- d. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
- e. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Active.
- f. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
- g. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of

- Encounter Performed the QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Active.
- h. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, NURSING FACILITY VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
  - i. If the Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Active.
  - j. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, OFFICE VISIT, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
  - k. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Active.
  - l. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
  - m. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, FACE-TO FACE INTERACTION, equals No, do not include in the Numerator and proceed to Denominator Exceptions.
  - n. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed the QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Numerator Count, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.
13. Check Denominator Exceptions
14. Check Physical Exam Finding:
- a. If Most Recent Occurrence B of QDM data element, HEART RATE, starts before start of Occurrence A of QDM data element, HEART RATE, equals No, proceed to check Medication Order Not Done.
  - b. If Most Recent Occurrence B of QDM data element, HEART RATE, starts before start of Occurrence A of QDM data element, HEART RATE, equals Yes, proceed to check Physical Exam Finding.
15. Check Physical Exam Finding:
- a. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, CARE

SERVICES IN LONG-TERM RESIDENTIAL FACILITY, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Physical Exam Finding.

- b. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.
- c. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Physical Exam Finding.
- d. If Occurrence A of Physical Exam Finding of the QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, and Occurrence B of Physical Exam Finding of the QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.
- e. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check next Physical Exam Finding.
- f. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.
- g. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Physical Exam Finding.
- h. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in

Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.

- i. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Physical Exam Finding.
  - j. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.
  - k. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Physical Exam Finding.
  - l. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.
  - m. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, and Occurrence B of QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check Medication Order Not Done.
  - n. If Occurrence A of Physical Exam Finding of the QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed the QDM data element, OFFICE VISIT, and Occurrence B of Physical Exam Finding of the QDM data element, HEART RATE (result less than 50 bpm) during Occurrence A of Encounter Performed the QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.
16. Check Medication Order Not Done:
- a. If the QDM data element, MEDICAL REASON, or the QDM data element, PATIENT REASON, or the QDM data element, SYSTEM REASON, for Beta-Blocker Therapy for LVSD Grouping Value Set during measurement period equals No, proceed to check Diagnosis Active.
  - b. If the QDM data element, MEDICAL REASON, or the QDM data element, PATIENT REASON, or the QDM data element, SYSTEM REASON, for Beta-Blocker Therapy for LVSD Grouping Value Set during measurement period equals Yes, include in Denominator Exception Count, which is represented by

letter C in the sample calculation listed at the end of this document. Letter C<sup>1</sup> equals 1 patient. Stop Processing.

17. Check Diagnosis Active:

- a. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnosis Active.
- b. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- c. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Diagnosis Active.
- d. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- e. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- f. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.



- g. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
- h. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- i. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
- j. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- k. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check Diagnosis Active.
- l. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exclusion Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- m. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed

QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Medication Allergy.

- n. If the QDM data element, ARRYTHMIA, or the QDM data element, HYPOTENSION, or the QDM data element, ASTHMA, or the QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or the QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or the QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.

18. Check Medication Allergy

- a. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Allergy.
- b. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- c. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Medication Allergy.
- d. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- e. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Allergy.
- f. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- g. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Allergy.
- h. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- i. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Allergy.

- j. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - k. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Allergy.
  - l. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - m. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Medication Intolerance.
  - n. If the QDM data element, BETA BLOCKER THERAPY ALLERGEN, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
19. Check Medication Intolerance:
- a. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Intolerance.
  - b. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - c. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Medication Intolerance.
  - d. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - e. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Intolerance.
  - f. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - g.

- h. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Intolerance.
  - i. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - j. If the QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Intolerance.
  - k. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - l. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Intolerance.
  - m. If the QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - n. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Diagnosis Active.
  - o. If the QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
20. Check Diagnosis Active:
- a. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnosis Active.
  - b. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - c. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Diagnosis Active.

- d. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- e. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- f. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- g. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
- h. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- i. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
- j. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- k. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
- l. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count, which is

represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.

- m. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, FACE-TO FACE INTERACTION, equals No, include in the No/Missing Data Submitted Count. Stop Processing.
- n. If the QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, or Device Applied, the QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed the QDM data element, FACE-TO FACE INTERACTION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.

#### **SAMPLE CALCULATION:**

##### **Performance Rate**

Numerator (a= 5 patients)

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Denominator (b=8 patients) – *Denominator Exclusions (N/A)* – Denominator Exceptions (c<sup>1</sup>+c<sup>2</sup>+c<sup>3</sup>=2 patients)

= **83.33%**