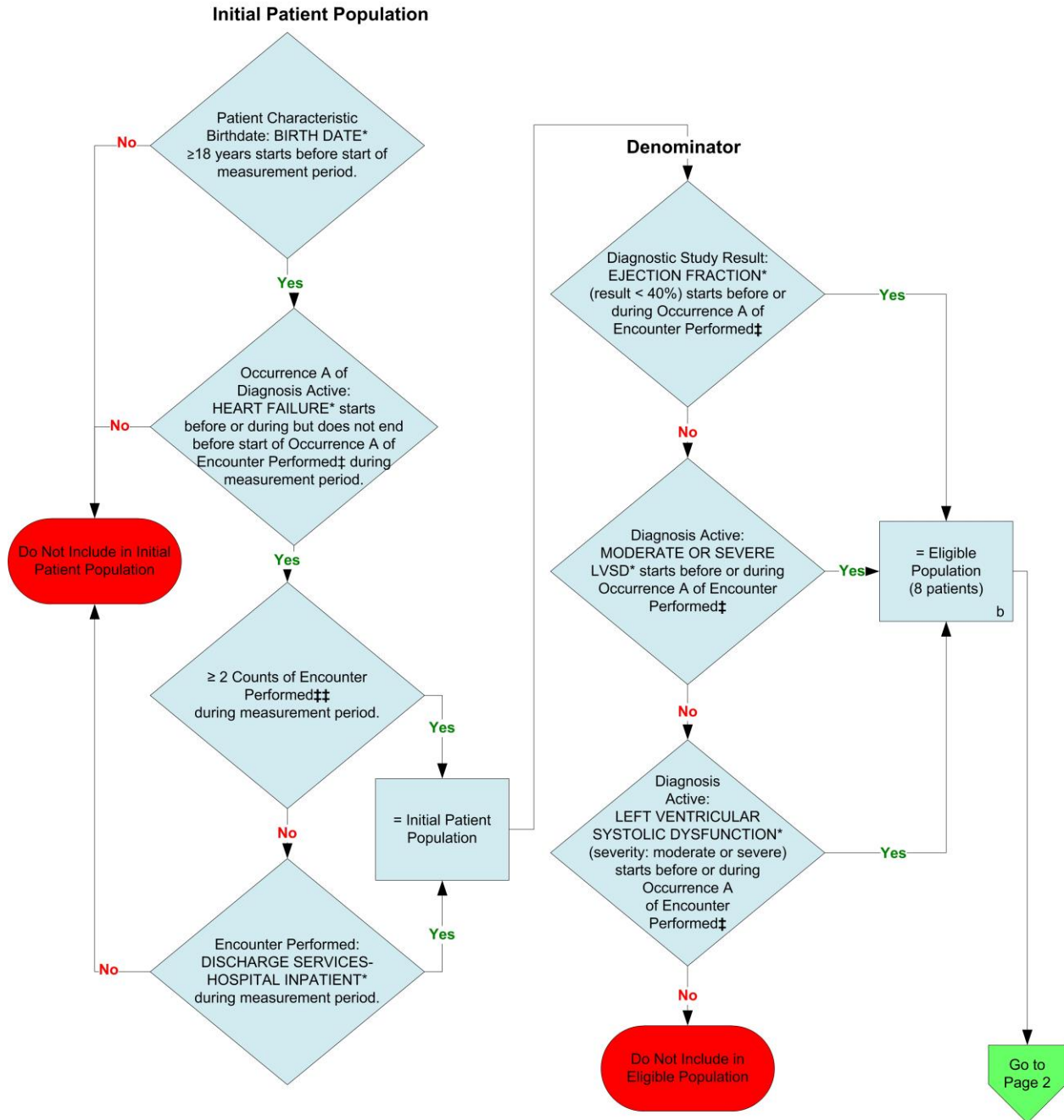


2014 eCQM Flow
Measure Identifier: CMS144v3

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

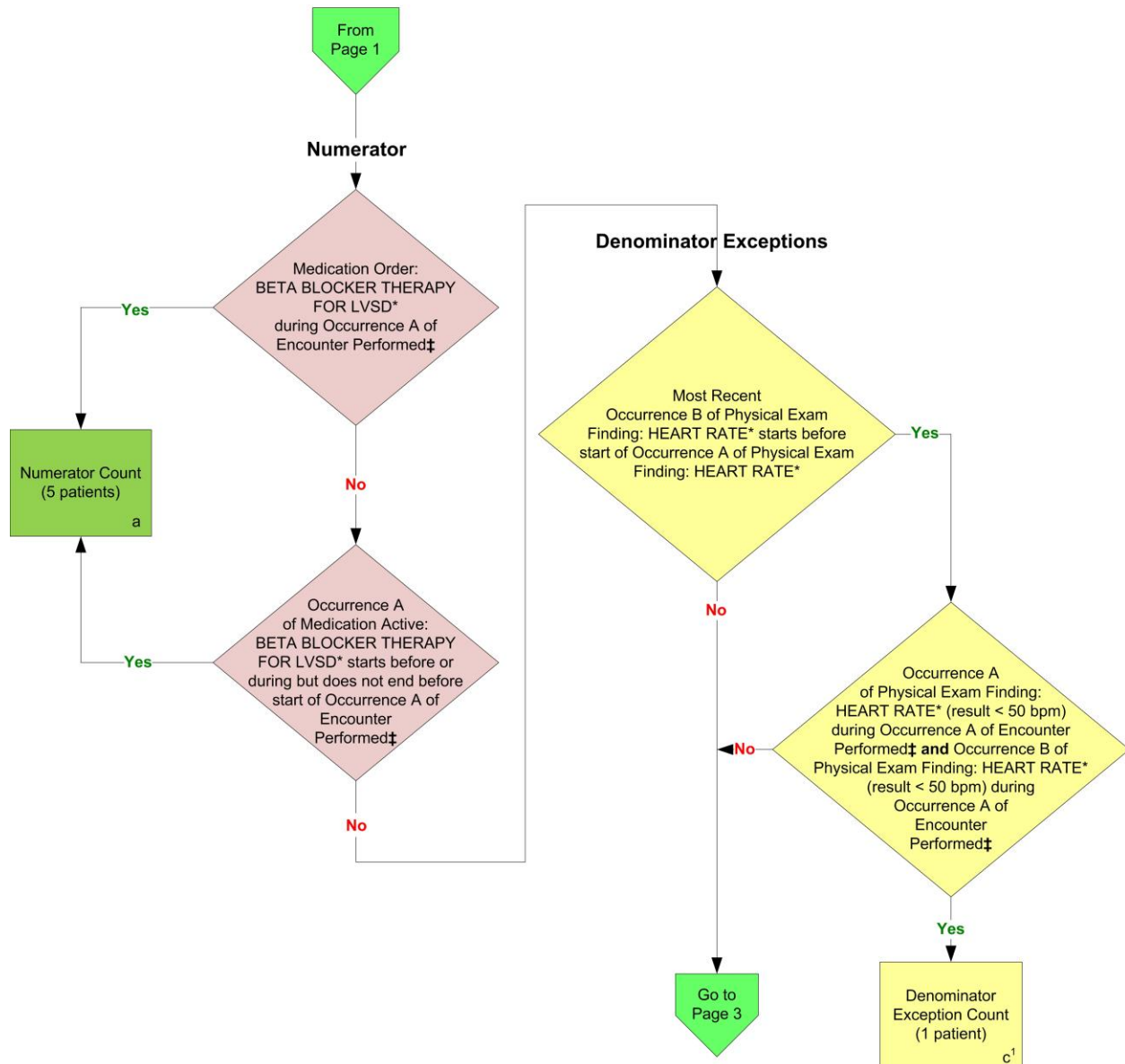


*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

‡ 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.

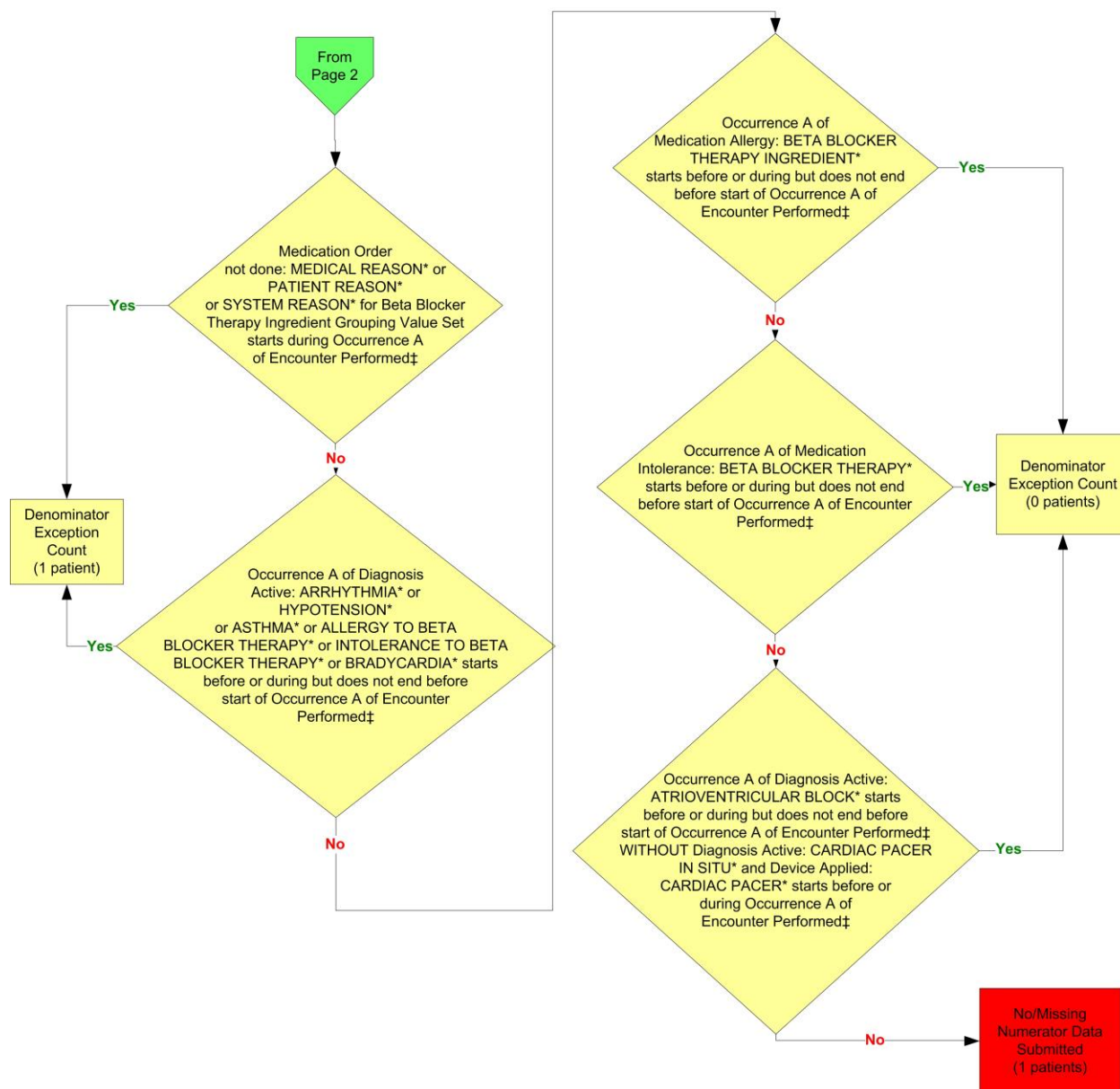
‡‡ Appropriate encounters include; Care Services in Long-Term Residential Facility, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Patient Provider Interaction.

2014 eCQM Flow
Measure Identifier: CMS144v3
NQF 0083: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.
‡ 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 eCQM Flow
Measure Identifier: CMS144v3
NQF 0083: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.
‡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 eCQM Flows
Measure Identifier: CMS144v3
NQF 0083: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic
Dysfunction (LVSD)

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

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 Occurrence A of the QDM data element, HEART FAILURE, 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, during measurement period equals No, proceed to check next Diagnosis Active.
 - b. If Occurrence A of the QDM data element, HEART FAILURE, 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, during measurement period equals Yes, proceed to check Encounter Performed.
 - c. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of 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 Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, during measurement period equals Yes, proceed to check Encounter Performed.
 - e. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals No, proceed to check next Diagnosis Active.
 - f. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals Yes, proceed to check Encounter Performed.
 - g. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals No, proceed to check next Diagnosis Active.

- h. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals Yes, proceed to check Encounter Performed.
 - i. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals No, proceed to check next Diagnosis Active.
 - j. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals Yes, proceed to check Encounter Performed.
 - k. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals No, proceed to check next Diagnosis Active.
 - l. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals Yes, proceed to check Encounter Performed.
 - m. If Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of 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 Occurrence A of the QDM data element, HEART FAILURE, starts before or during but does not end before start of 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 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 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 C¹ 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 C¹ 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 C¹ 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 C¹ 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 C¹ 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 C¹ 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 C¹ 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY equals No, proceed to check next Medication Order Not Done.
 - 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, 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 C¹ equals 1 patient. Stop Processing.
 - c. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, DISCHARGE SERVICES-HOSPITAL INPATIENT equals No, proceed to check next Medication Order Not Done.
 - d. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, 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 C¹ equals 1 patient. Stop Processing.

- e. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, HOME HEALTHCARE SERVICES equals No, proceed to check next Medication Order Not Done.
- f. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, 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 C¹ equals 1 patient. Stop Processing.
- g. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, NURSING FACILITY VISIT equals No, proceed to check next Medication Order Not Done.
- h. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, 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 C¹ equals 1 patient. Stop Processing.
- i. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, OFFICE VISIT equals No, proceed to check next Medication Order Not Done.
- j. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, 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 C¹ equals 1 patient. Stop Processing.
- k. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, OUTPATIENT CONSULTATION equals No, proceed to check next Medication Order Not Done.
- l. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, 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 C¹ equals 1 patient. Stop Processing.

- m. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, FACE-TO-FACE INTERACTION equals No, proceed to check Diagnosis Active.
 - n. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed, 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 C¹ equals 1 patient. Stop Processing.
17. Check Diagnosis Active:
- a. If Occurrence A of 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 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 Diagnosis Active.
 - b. If Occurrence A of 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 but does not end before start of 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 C² equals 1 patient. Stop Processing.
 - c. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Diagnosis Active.
 - d. If Occurrence A of 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 but does not end before start of 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 C² equals 1 patient. Stop Processing.
 - e. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- f. If Occurrence A of the QDM data element, ARRHYTHMIA, 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 but does not end before start of 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 C² equals 1 patient. Stop Processing.
 - g. If Occurrence A of the QDM data element, ARRHYTHMIA, 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
 - h. If Occurrence A of the QDM data element, ARRHYTHMIA, 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 but does not end before start of 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 C² equals 1 patient. Stop Processing.
 - i. If Occurrence A of the QDM data element, ARRHYTHMIA, 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
 - j. If Occurrence A of the QDM data element, ARRHYTHMIA, 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 but does not end before start of 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 C² equals 1 patient. Stop Processing.
 - k. If Occurrence A of the QDM data element, ARRHYTHMIA, 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 but does not end before start of

- Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check Diagnosis Active.
- l. If Occurrence A of 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 but does not end before start of 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 C² equals 1 patient. Stop Processing.
 - m. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Medication Allergy.
 - n. If Occurrence A of 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 but does not end before start of 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 C² equals 1 patient. Stop Processing.
18. Check Medication Allergy
- a. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, 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 Allergy.
 - b. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, 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 Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
 - c. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Medication Allergy.
 - d. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.

- e. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Allergy.
- f. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
- g. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Allergy.
- h. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
- i. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Allergy.
- j. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
- k. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Allergy.
- l. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
- m. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Medication Intolerance.
- n. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.

19. Check Medication Intolerance:

- a. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, 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 Intolerance.
- b. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, 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 Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.
- c. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, equals No, proceed to check next Medication Intolerance.
- d. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
- e. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Intolerance.
- f. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
- g. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Intolerance.
- h. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
- i. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Intolerance.
- j. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.

- k. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Intolerance.
 - l. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
 - m. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO FACE INTERACTION, equals No, proceed to check Diagnosis Active.
 - n. If Occurrence A of the QDM data element, BETA BLOCKER THERAPY, starts before or during but does not end before start of 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 C³ equals 0 patients. Stop Processing.
20. Check Diagnosis Active:
- a. If Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 C³ equals 0 patients. Stop Processing.
 - c. If Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, DISCHARGE SERVICES – HOSPITAL INPATIENT, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 C³ equals 0 patients. Stop Processing.
 - e. If Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 C³ equals 0 patients. Stop Processing.
 - g. If Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, NURSING FACILITY VISIT, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, NURSING FACILITY VISIT, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 C³ equals 0 patients. Stop Processing.
 - i. If Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, OFFICE VISIT, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, OFFICE VISIT, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 C³ equals 0 patients. Stop Processing.
- k. If Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, OUTPATIENT CONSULTATION, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, OUTPATIENT CONSULTATION, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 C³ equals 0 patients. Stop Processing.
- m. If Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, FACE-TO FACE INTERACTION, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of the QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A Encounter Performed QDM data element, FACE-TO FACE INTERACTION, WITHOUT Diagnosis Active, the QDM data element, CARDIAC PACER IN SITU, and 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 C³ 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 ($c^1+c^2+c^3=2$ patients)
= **83.33%**