

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.

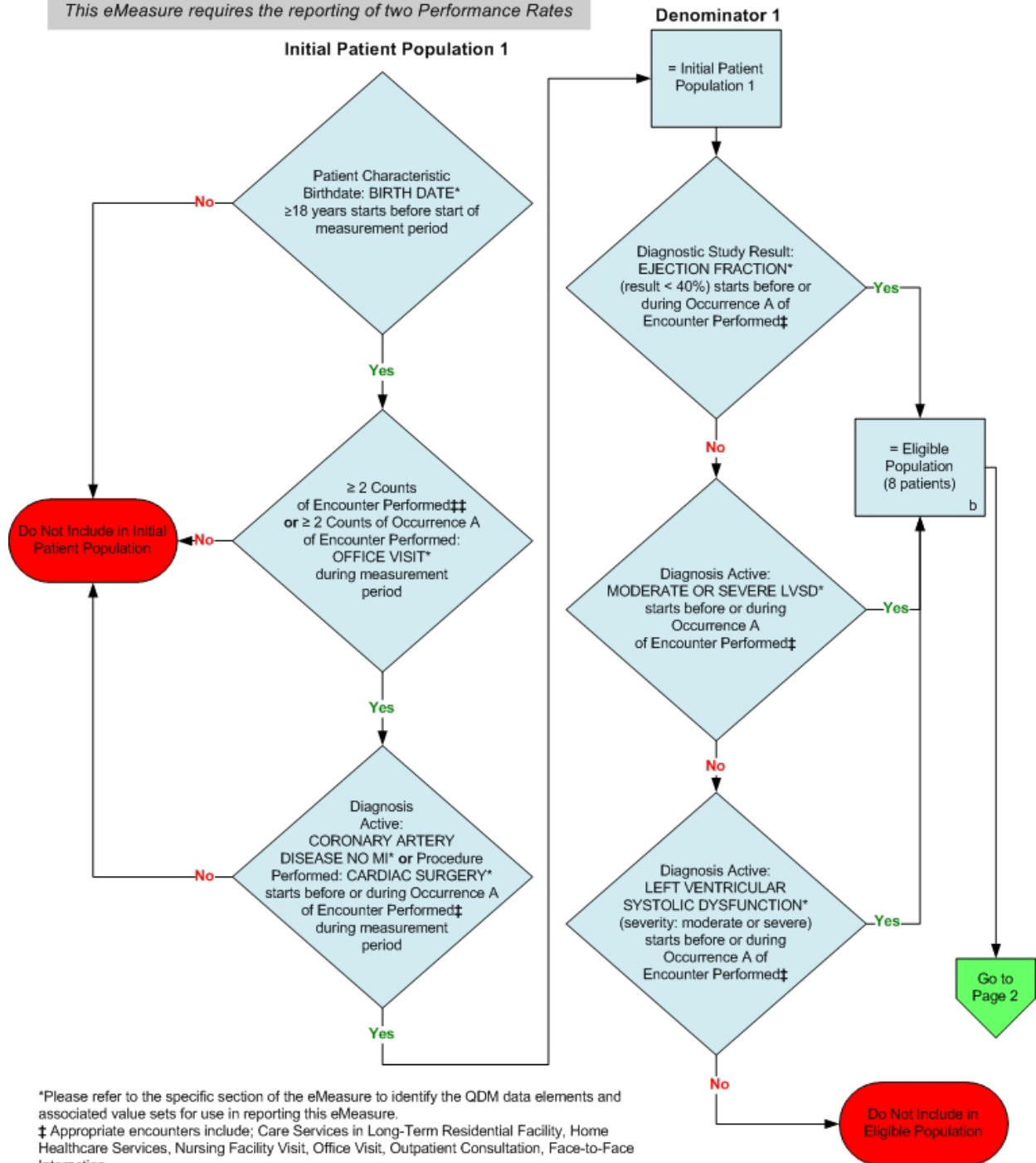
For eligible professionals and group practices reporting EHR clinical quality measures for Meaningful Use (MU) and the Physician Quality Reporting System (PQRS) (Option #2) in 2014, the following must be included in the submitted file(s):

- 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 Flow
eMeasure Identifier: 145

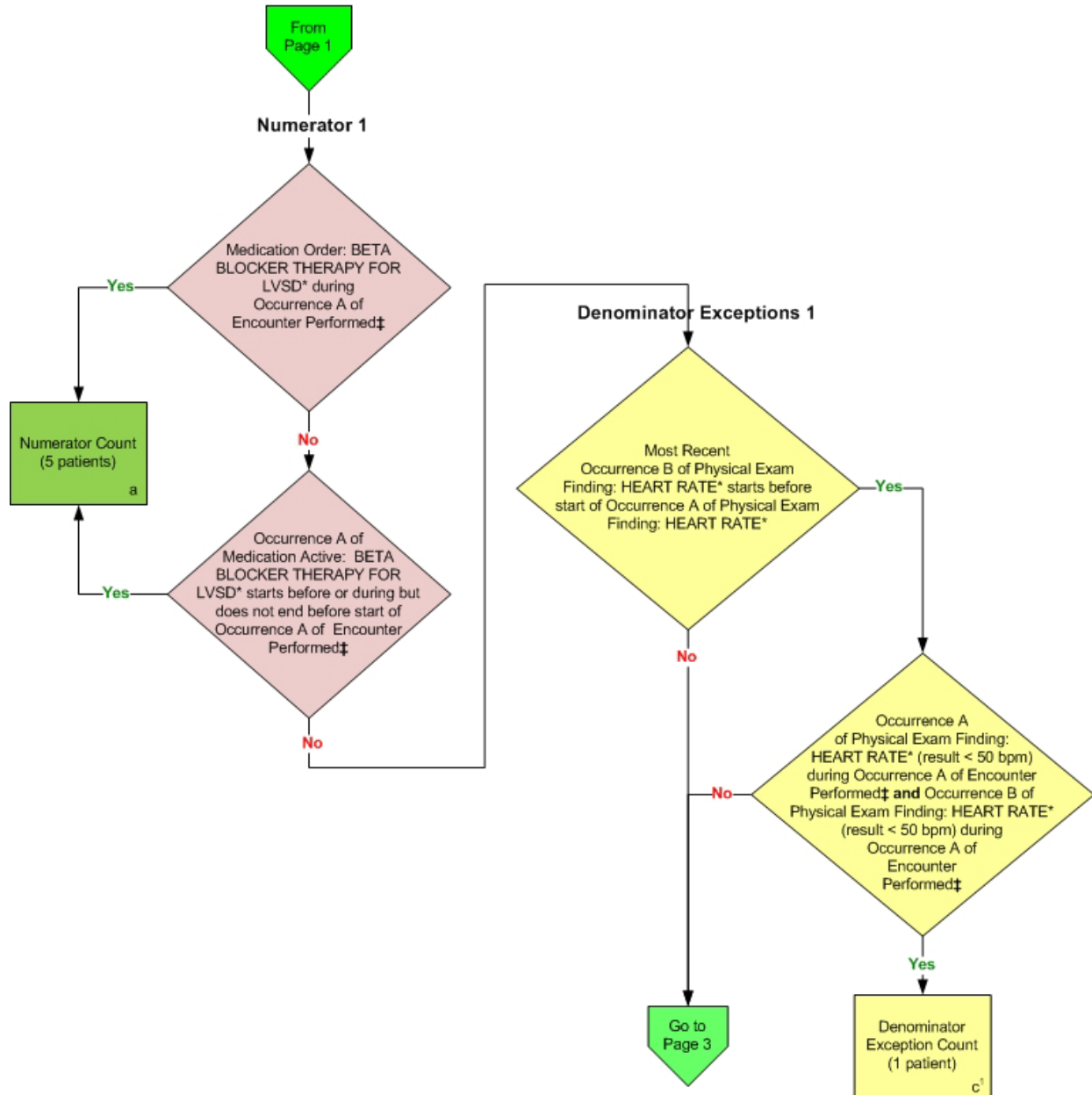
NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or
Left Ventricular Systolic Dysfunction (LVEF < 40%)

This eMeasure requires the reporting of two Performance Rates



2014 eMeasure Flow
eMeasure Identifier: 145

NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)

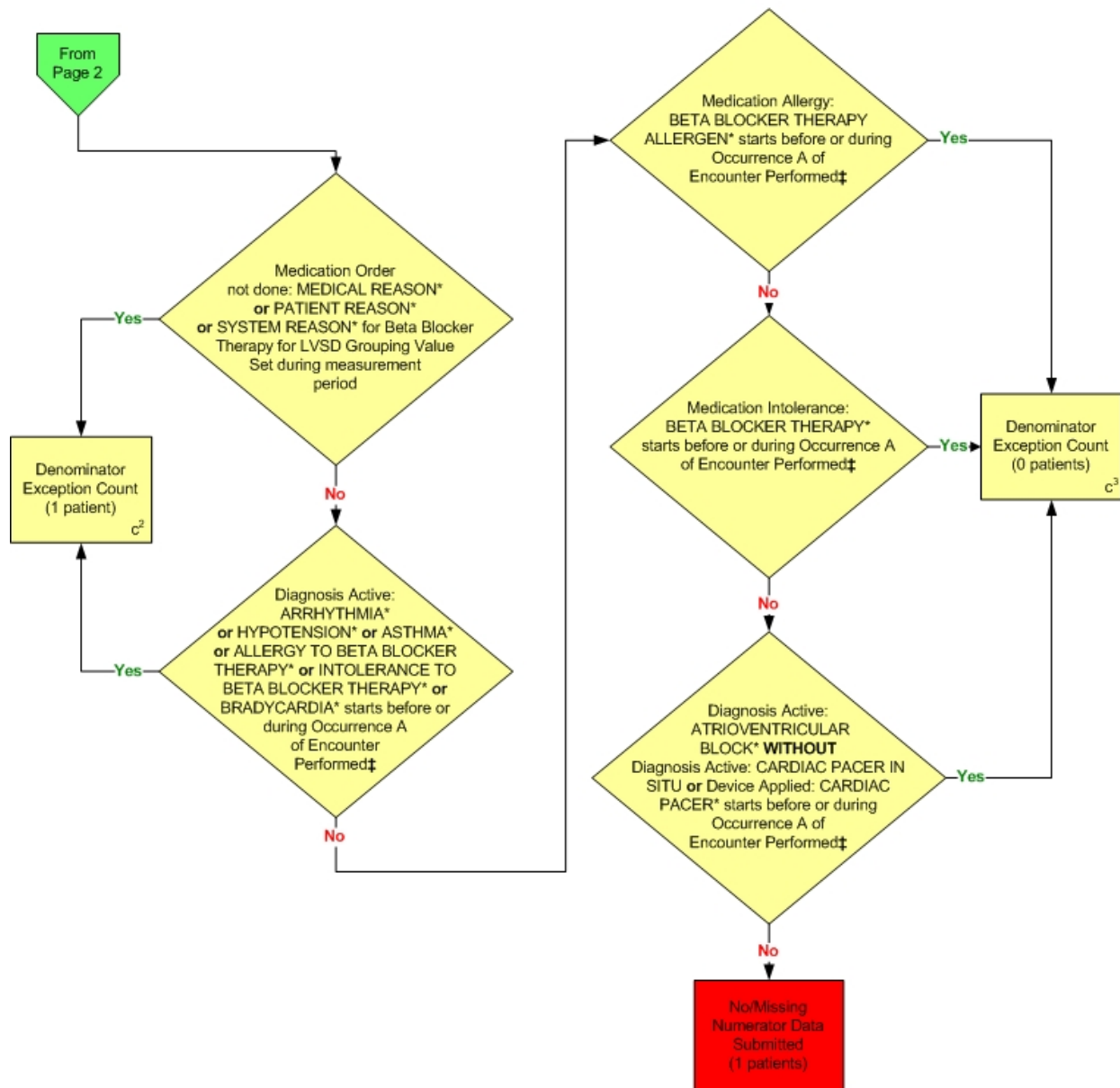


*Please refer to the specific section of the eMeasure to identify the QDM data elements and associated value sets for use in reporting this eMeasure.

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

2014 eMeasure Flow
eMeasure Identifier: 145

NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)



*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, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction

SAMPLE CALCULATION: Combination of Initial Patient Population 1; Denominator 1; Numerator 1

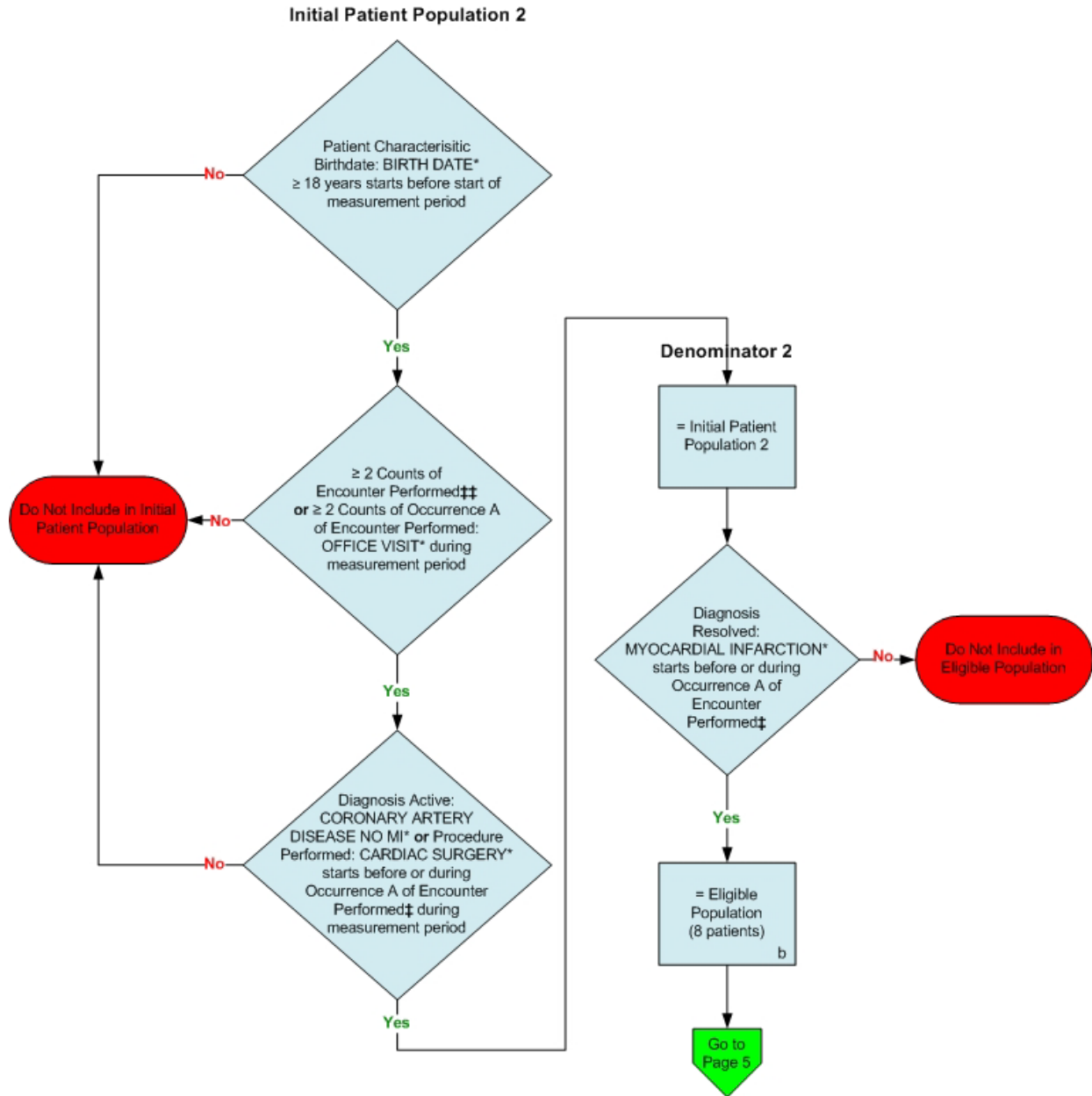
Performance Rate=

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

2014 eMeasure Flow
eMeasure Identifier: 145

NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)

Population Criteria 2



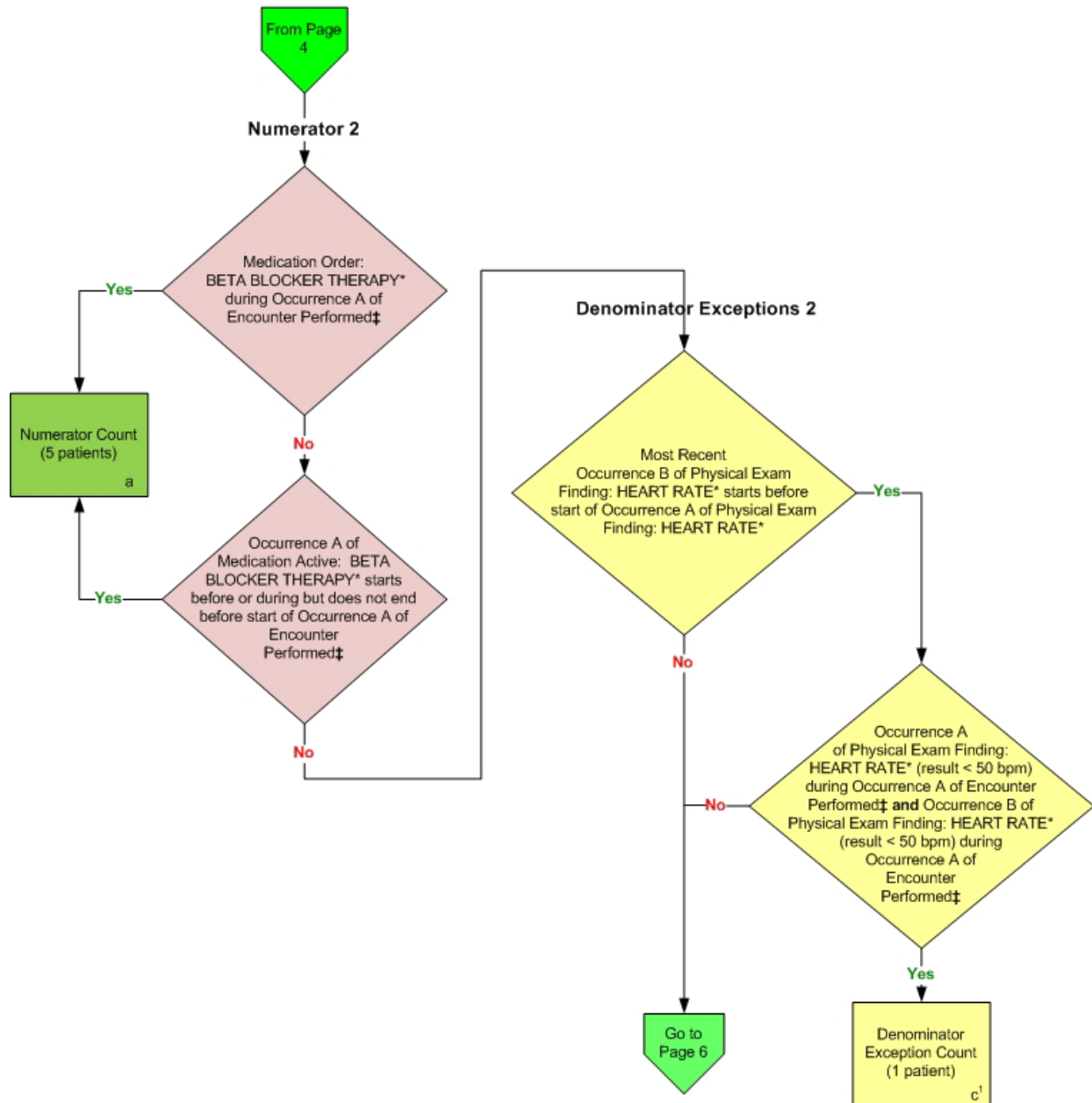
*Please refer to the specific section of the eMeasure to identify the QDM data elements and associated value sets for use in reporting this eMeasure.

† Appropriate encounters include; Care Services in Long-Term Residential Facility, 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, Outpatient Consultation, Patient Provider Interaction.

2014 eMeasure Flow
eMeasure Identifier: 145

NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)

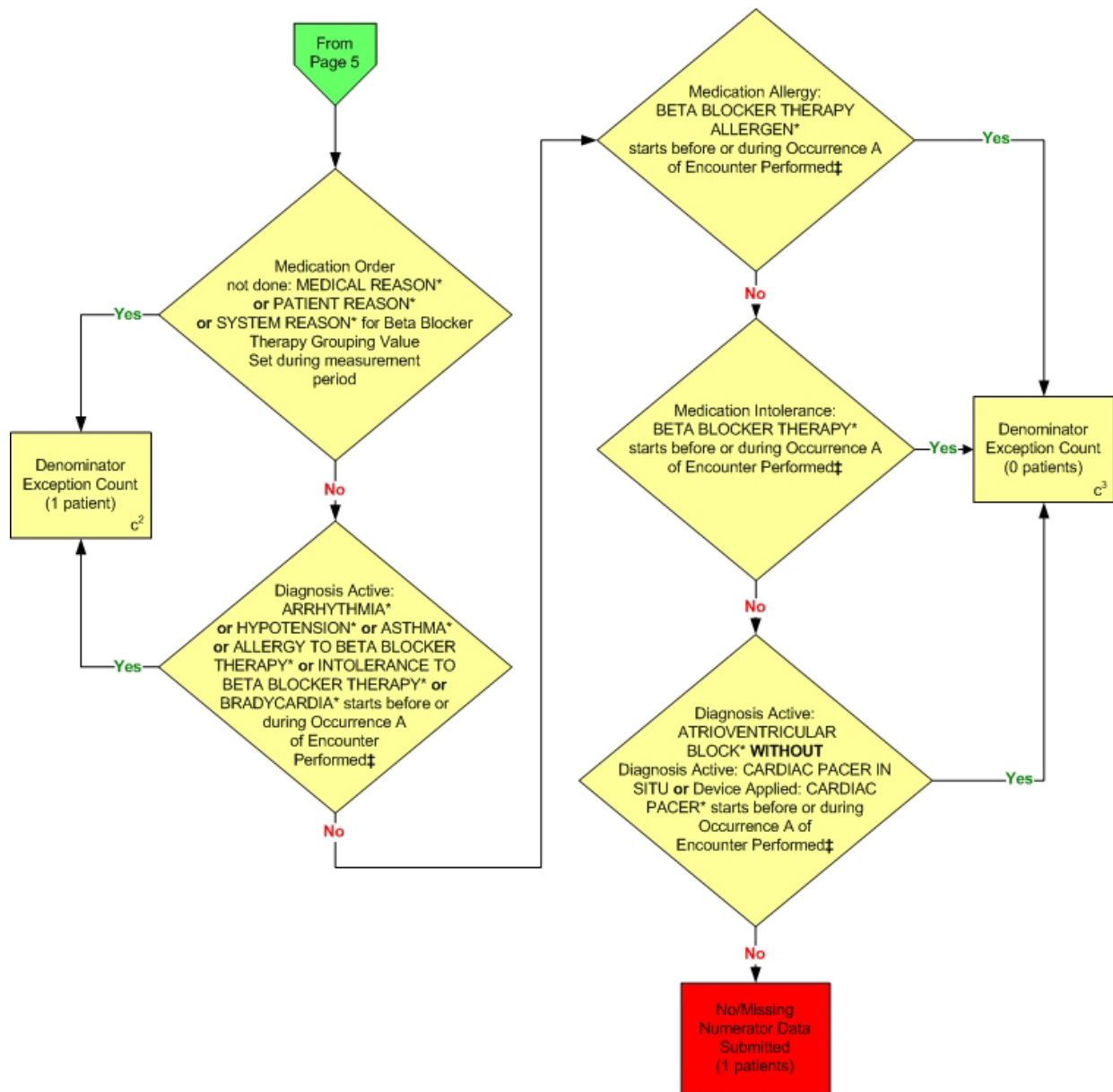


*Please refer to the specific section of the eMeasure to identify the QDM data elements and associated value sets for use in reporting this eMeasure.

‡ Appropriate encounters include: Care Services in Long-Term Residential Facility, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction

2014 eMeasure Flow
eMeasure Identifier: 145

NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)



*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, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction

SAMPLE CALCULATION: Combination of Initial Patient Population 2; Denominator 2; Numerator 2

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: 145

NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy – Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF less than 40%)

This eMeasure requires the reporting of two Performance Rates

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 Birthdate:
 - 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 Encounter Performed.
3. Check Encounter Performed: Total number of encounters must be greater than or equal to 2:
 - a. If Occurrence A of 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.
 - b. If Occurrence A of QDM data element, OFFICE VISIT, during the measurement period, equals No, proceed to check next Encounter Performed.
 - c. If 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.
 - d. If QDM data element, OUTPATIENT CONSULTATION, during the measurement period, equals No, proceed to check next Encounter Performed.
 - e. If 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.
 - f. If QDM data element, NURSING FACILITY VISIT, during the measurement period, equals No, proceed to check next Encounter Performed.
 - g. If 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.
 - h. If QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during the measurement period, equals No, proceed to check next Encounter Performed.
 - i. If 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.
 - j. If QDM data element, HOME HEALTHCARE SERVICES, during the measurement period, equals No, proceed to check next Encounter Performed.

- k. If QDM data element, PATIENT PROVIDER INTERACTION, during the measurement period, equals Yes, include in the Initial Patient Population and proceed to check Diagnosis Active or Procedure Performed if total number of encounters are greater than or equal to 2.
 - l. If QDM data element, PATIENT PROVIDER INTERACTION, during the measurement period, equals No, do not include in the Initial Patient Population. Proceed to check Diagnosis Active or Procedure Performed if total number of encounters are great than or equal to 2. If not, do not include in the Initial Patient Populations. Stop processing.
4. Check Diagnosis Active or Procedure Performed:
- a. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals No, do not include in Initial Patient Population 1. Stop Processing.
 - b. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
 - c. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals No, do not include in Initial Patient Population 1. Stop Processing.
 - d. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
 - e. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals No, do not include in the Initial Patient Population 1. Stop Processing.
 - f. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
 - g. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals No, do not include in the Initial Patient Population 1. Stop Processing.
 - h. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.

- i. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals No, do not include in the Initial Patient Population 1. Stop Processing.
 - j. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
 - k. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals No, do not include in the Initial Patient Population 1. Stop Processing.
 - l. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
5. Start Denominator 1
- a. Denominator equals the Initial Patient Population.
6. Check Diagnostic Study Result:
- a. If QDM data element, EJECTION FRACTION (result less than 40%), starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnostic Study Result.
 - b. If QDM data element, EJECTION FRACTION (result less than 40%), 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 Numerator 1.
 - c. If QDM data element, EJECTION FRACTION (result less than 40%), starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnostic Study Result.
 - d. If QDM data element, EJECTION FRACTION (result less than 40%), 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 Numerator 1.
 - e. If QDM data element, EJECTION FRACTION (result less than 40%), starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnostic Study Result.
 - f. If QDM data element, EJECTION FRACTION (result less than 40%), 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 Numerator 1.

- g. If QDM data element, EJECTION FRACTION (result less than 40%), 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.
 - h. If QDM data element, EJECTION FRACTION (result less than 40%), 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 Numerator 1.
 - i. If QDM data element, EJECTION FRACTION (result less than 40%), starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnostic Study Result.
 - j. If QDM data element, EJECTION FRACTION (result less than 40%), 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 Numerator 1.
 - k. If QDM data element, EJECTION FRACTION (result less than 40%), starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Diagnosis Active.
 - l. If QDM data element, EJECTION FRACTION (result less than 40%), 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 Numerator 1.
7. Check Diagnosis Active:
- a. If 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.
 - b. If 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 continue on to Numerator 1.
 - c. If 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.
 - d. If 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 continue on to Numerator 1.
 - e. If 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.

- f. If 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 continue on to Numerator 1.
 - g. If 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.
 - h. If 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 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 Numerator 1.
 - i. If 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.
 - j. If QDM data element, MODERATE OR SEVERE LVSD, 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 Numerator 1.
 - k. If 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. (line 8)
 - l. If 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 continue on to Numerator 1.
8. Check Diagnosis Active:
- a. If 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.
 - b. If 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 Numerator 1.
 - c. If 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.

- d. If 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 Numerator 1.
- e. If 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.
- f. If 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 Numerator 1.
- g. If 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.
- h. If 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 Numerator 1.
- i. If 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.
- j. If 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 Numerator 1.
- k. If 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 Initial Patient Population. Stop Processing.
- l. If 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 Numerator 1.

9. Start Numerator

10. Check Medication Order:

- a. If 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.

- b. If 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 1, 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 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.
- d. If 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 1, 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 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.
- f. If 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 1, 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 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.
- h. If 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 1, 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 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.
- j. If 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 1, 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 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.
- l. If 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 1, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.

11. 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 QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Numerator Count 1, 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 QDM data element, HOME HEALTHCARE SERVICES, 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 QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Numerator Count 1, 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 QDM data element, NURSING FACILITY VISIT, 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 QDM data element, NURSING FACILITY VISIT, equals Yes, include in Numerator Count 1, 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 QDM data element, OUTPATIENT CONSULTATION, 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 QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Numerator Count 1, 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 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, 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 QDM data element, OFFICE VISIT, equals Yes, include in Numerator Count 1, 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 QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Denominator Exceptions.

- I. 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, FACE-TO-FACE INTERACTION, equals Yes, include in Numerator Count 1, 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 Denominator Exceptions
13. 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 Yes, proceed to check Physical Exam Finding.
 - b. If Most Recent Occurrence B of QDM data element, HEART RATE, starts before start of Occurrence A of Physical Exam Finding, the QDM data element, HEART RATE, equals No, proceed to check Medication Order Not Done.
14. 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, 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 Yes, include in Denominator Exception 1 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.
 - b. 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 next Physical Exam Finding.
 - c. 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 1 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.
 - d. 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.
 - 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 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.

- 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 No, proceed to check next Physical Exam Finding.
- 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 Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- 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 No, proceed to check next Physical Exam Finding.
- 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 Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- 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 No, proceed to check next Physical Exam Finding.
- 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 Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- 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 No, proceed to check Medication Order Not Done.

15. Check Medication Order Not Done:
 - a. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or 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 C² equals 1 patient. Stop Processing.
 - b. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker Therapy for LVSD Grouping Value Set during measurement period equals No, proceed to check Diagnosis Active.
16. Check Diagnosis Active:
 - a. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
 - b. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
 - d. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
 - f. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or

during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
- h. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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 Exception Count 1, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
- j. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
- l. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.

17. Check Medication Allergy:

- a. If 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.

- b. If 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 1, 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 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.
- d. If 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 1, 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 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.
- f. If 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 1, 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 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.
- h. If 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 1, 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 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.
- j. If 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 1, 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 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 next Medication Intolerance.
- l. If 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 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.

18. Check Medication Intolerance:
- a. If QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Intolerance.
 - b. If 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 1, 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 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.
 - d. If QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 1, 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 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.
 - f. If 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 1, 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 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.
 - h. If 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 1, 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 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.
 - j. If 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 1, 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 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.
 - l. If 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 1, 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 Diagnosis Active:
- a. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
 - b. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
 - d. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
 - f. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, 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.
 - h. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, 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 1, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter

- Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- j. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 1, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, include in the No/Missing Data Submitted Count.
 - l. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count 1, 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: *Combination of Initial Patient Population 1; Denominator 1; Numerator 1*

Performance Rate

Numerator (a= 5 patients)

÷

Denominator (b=8 patients) – *Denominator Exclusions (N/A)* – Denominator Exceptions (c¹+c²+c³=2 patients)

= **83.33%**

1. Start Initial Patient Population 2
2. Check Patient Characteristic Birthdate:
 - 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 Encounter Performed.
3. Check Encounter Performed: Total number of encounters must be greater than or equal to 2:
 - a. If Occurrence A of 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.
 - b. If Occurrence A of QDM data element, OFFICE VISIT, during the measurement period, equals No, proceed to check next Encounter Performed.
 - c. If 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.
- d. If QDM data element, OUTPATIENT CONSULTATION, during the measurement period, equals No, proceed to check next Encounter Performed.
 - e. If 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.
 - f. If QDM data element, NURSING FACILITY VISIT, during the measurement period, equals No, proceed to check next Encounter Performed.
 - g. If 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.
 - h. If QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during the measurement period, equals No, proceed to check next Encounter Performed.
 - i. If 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.
 - j. If QDM data element, HOME HEALTHCARE SERVICES, during the measurement period, equals No, proceed to check next Encounter Performed.
 - k. If QDM data element, PATIENT PROVIDER INTERACTION, during the measurement period, equals Yes, include in the Initial Patient Population and proceed to check Diagnosis Active or Procedure Performed if total number of encounters are greater than or equal to 2.
 - l. If QDM data element, PATIENT PROVIDER INTERACTION, during the measurement period, equals No, do not include in the Initial Patient Population. Proceed to check Diagnosis Active or Procedure Performed if total number of encounters are great than or equal to 2. If not, do not include in the Initial Patient Population. Stop processing.
4. Check Diagnosis Active or Procedure Performed:
- a. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals No, do not include in Initial Patient Population 2. Stop Processing.
 - b. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
 - c. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals No, do not include in Initial Patient Population 2. Stop Processing.
 - d. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element,

- OUTPATIENT CONSULTATION, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
- e. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals No, do not include in the Initial Patient Population 2. Stop Processing.
 - f. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
 - g. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals No, do not include in the Initial Patient Population 2. Stop Processing.
 - h. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
 - i. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals No, do not include in the Initial Patient Population 2. Stop Processing.
 - j. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
 - k. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals No, do not include in the Initial Patient Population 2. Stop Processing.
 - l. If Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, or Procedure Performed QDM data element, CARDIAC SURGERY, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
5. Start Denominator 2
 - a. Denominator equals the Initial Patient Population.
 6. Check Diagnosis Resolved:
 - a. If QDM data element, MYOCARDIAL INFARCTION, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Resolved.

- b. If QDM data element, MYOCARDIAL INFARCTION, 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 2.
- c. If QDM data element, MYOCARDIAL INFARCTION, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Resolved.
- d. If QDM data element, MYOCARDIAL INFARCTION, 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 2.
- e. If QDM data element, MYOCARDIAL INFARCTION, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Resolved.
- f. If QDM data element, MYOCARDIAL INFARCTION, 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 2.
- g. If QDM data element, MYOCARDIAL INFARCTION, 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 Resolved.
- h. If QDM data element, MYOCARDIAL INFARCTION, 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 2.
- i. If QDM data element, MYOCARDIAL INFARCTION, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Resolved.
- j. If QDM data element, MYOCARDIAL INFARCTION, 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 2.
- k. If QDM data element, MYOCARDIAL INFARCTION, 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.
- l. If QDM data element, MYOCARDIAL INFARCTION, 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 2.

7. Start Numerator 2

8. Check Medication Order:
- a. If QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Order.
 - b. If QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Numerator Count 2, 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 QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Order.
 - d. If QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Numerator Count 2, 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 QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Order.
 - f. If QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Numerator Count 2, 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 QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Order.
 - h. If QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Numerator Count 2, 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 QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Order.
 - j. If QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Numerator Count 2, 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 QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Medication Active.
 - l. If QDM data element, BETA BLOCKER THERAPY, during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Numerator Count 2, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.

9. Check Medication Active:
- a. If Occurrence A of 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 Active.
 - b. If Occurrence A of 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 Numerator Count 2, 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, 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 Active.
 - d. If Occurrence A of 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 Numerator Count 2, 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, 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 Active.
 - f. If Occurrence A of 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 Numerator Count 2, 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, 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 Active.
 - h. If Occurrence A of 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 Numerator Count 2, 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 Occurrence A of 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 Active.
 - j. If Occurrence A of 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 Numerator Count 2, 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, 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 Denominator Exceptions.

- I. If Occurrence A of 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 Numerator Count 2, which is represented by letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients. Stop Processing.

10. Check Denominator Exceptions 2

11. 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 Yes, proceed to check Physical Exam Finding.
- b. If Most Recent Occurrence B of QDM data element, HEART RATE, starts before start of Occurrence A of Physical Exam Finding, the QDM data element, HEART RATE, equals No, proceed to check Medication Order Not Done.

12. 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, 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 Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- b. 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 next Physical Exam Finding.
- c. 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 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- d. 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.
- 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 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 2, which is represented by letter C in the sample

calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.

- 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 No, proceed to check next Physical Exam Finding.
- 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 Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- 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 No, proceed to check next Physical Exam Finding.
- 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 Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- 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 No, proceed to check next Physical Exam Finding.
- 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 Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C¹ equals 1 patient. Stop Processing.
- 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 No, proceed to check Medication Order Not Done.

13. Check Medication Order Not Done:
 - a. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Therapy Grouping Value Set during measurement period equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.
 - b. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Therapy Grouping Value Set during measurement period equals No, proceed to check Diagnosis Active.
14. Check Diagnosis Active:
 - a. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
 - b. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
 - d. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
 - f. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA

BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
- h. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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 Exception Count 2, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
- j. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or QDM data element, BRADYCARDIA, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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.
- l. If QDM data element, ARRYTHMIA, or QDM data element, HYPOTENSION, or QDM data element, ASTHMA, or QDM data element, ALLERGY TO BETA BLOCKER THERAPY, or QDM data element, INTOLERANCE TO BETA BLOCKER THERAPY, or 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 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C² equals 1 patient. Stop Processing.

15. Check Medication Allergy:
- a. If 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.
 - b. If 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 2, 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 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.
 - d. If 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 2, 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 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.
 - f. If 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 2, 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 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.
 - h. If 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 2, 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 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.
 - j. If 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 2, 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 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.
 - l. If 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 2,

which is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.

16. Check Medication Intolerance:

- a. If QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Intolerance.
- b. If 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 2, 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 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.
- d. If QDM data element, BETA BLOCKER THERAPY, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 2, 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 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.
- f. If 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 2, 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 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.
- h. If 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 1, 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 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.
- j. If 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 2, 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 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.
- l. If 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 1, which

is represented by letter C in the sample calculation listed at the end of this document. Letter C³ equals 0 patients. Stop Processing.

17. Check Diagnosis Active:

- a. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
- b. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
- d. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
- f. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, 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.
- h. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, 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 2, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- j. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 2, 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 QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, include in the No/Missing Data Submitted Count.
- l. If QDM data element, ATRIOVENTRICULAR BLOCK, WITHOUT QDM data element, CARDIAC PACER IN SITU, or Device Applied QDM data element, CARDIAC PACER, starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count 2, 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: *Combination of Initial Patient Population 2; Denominator 2; Numerator 2*

Performance Rate

Numerator (a= 5 patients)

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Denominator (b=8 patients) – *Denominator Exclusions (N/A)* – Denominator Exceptions (c¹+c²+c³=2 patients)

= **83.33%**