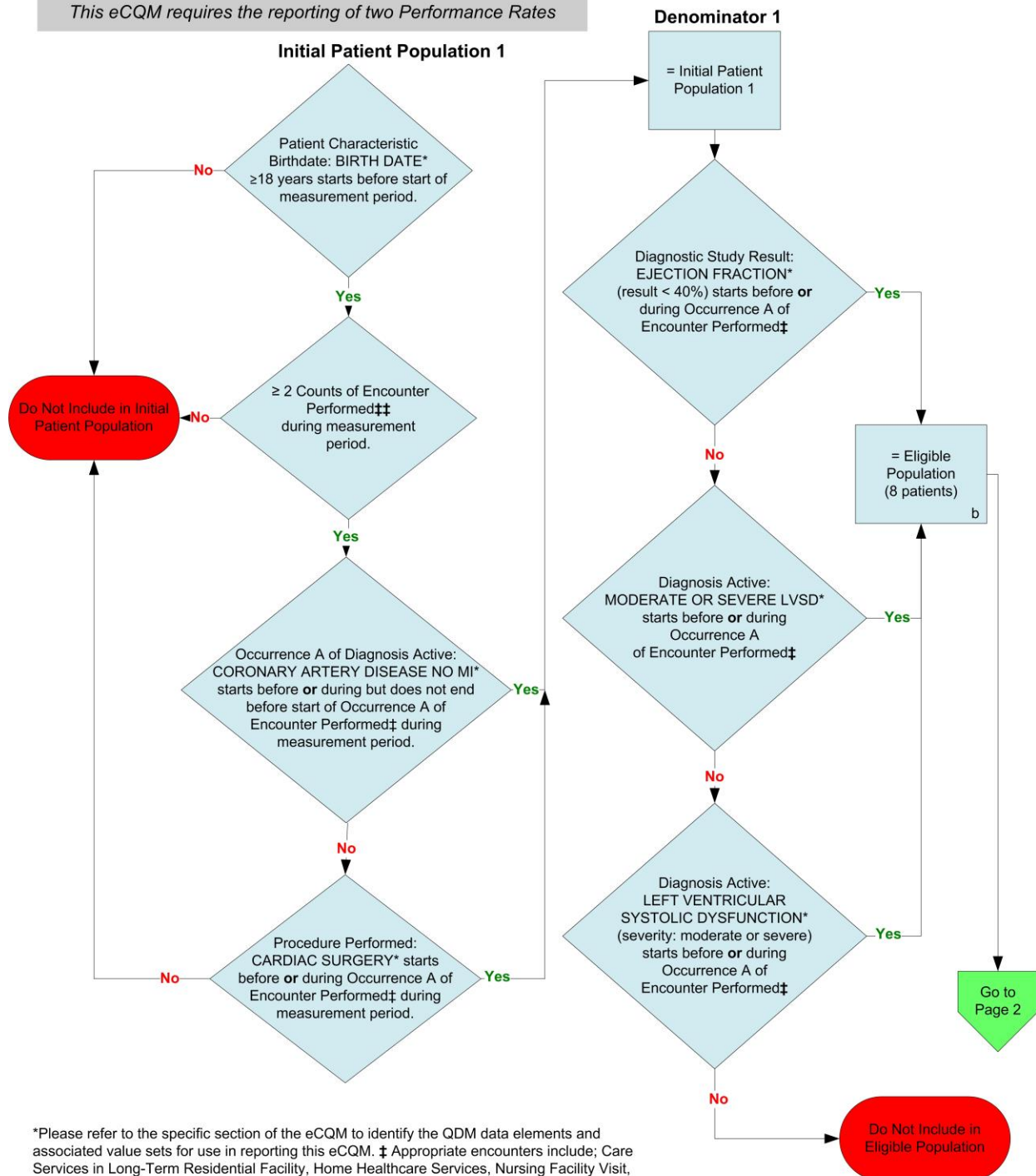


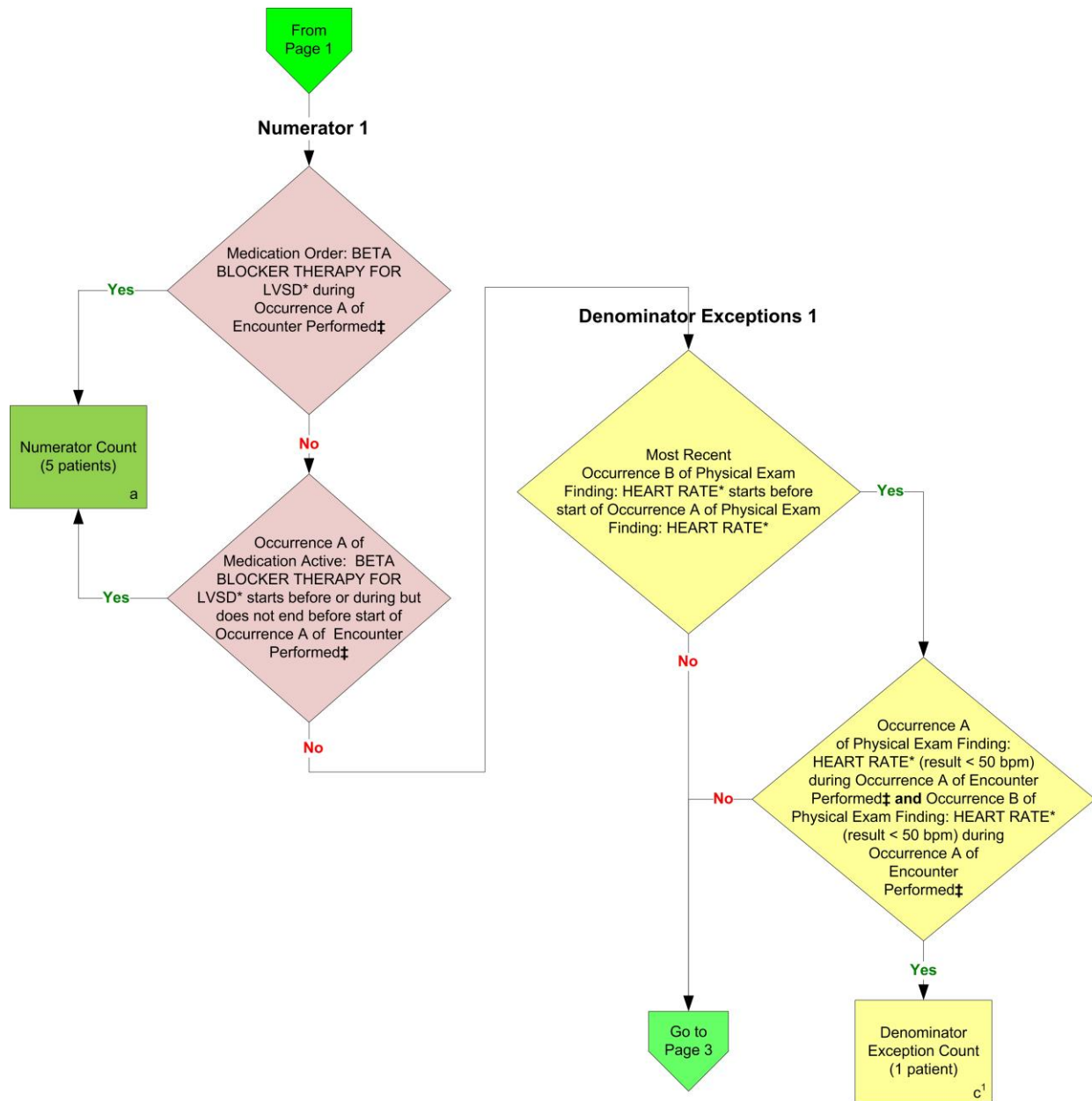
2014 eCQM Flow  
Measure Identifier: CMS145v3  
NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or  
Left Ventricular Systolic Dysfunction (LVEF < 40%)

*This eCQM requires the reporting of two Performance Rates*



\*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM. ‡ Appropriate encounters include; Care Services in Long-Term Residential Facility, 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, and Office Visit.

2014 eCQM Flow  
Measure Identifier: CMS145v3  
NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)

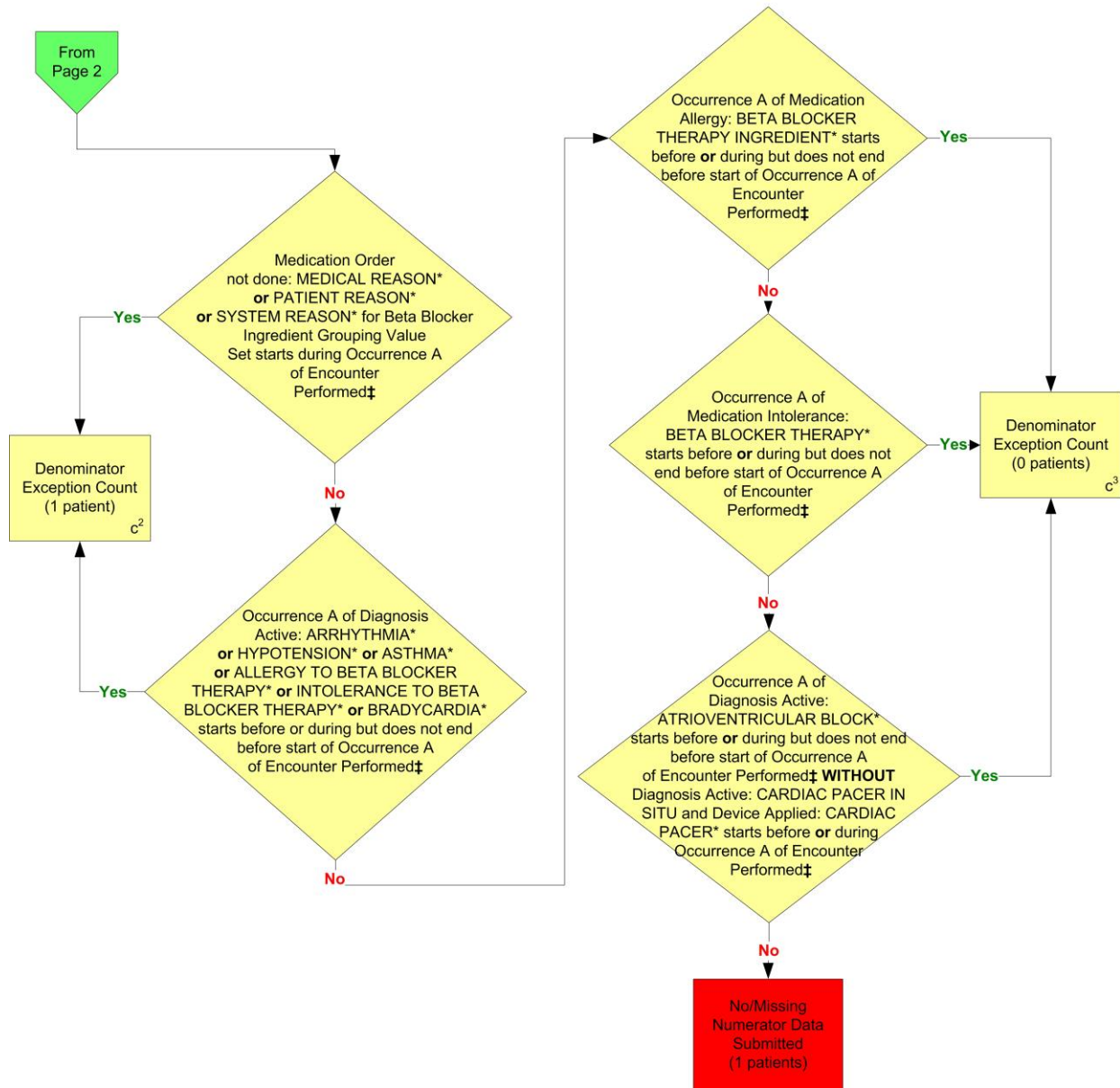


\*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

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

2014 eCQM Flow  
Measure Identifier: CMS145v3

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 eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.  
‡ Appropriate encounters include, Care Services in Long-Term Residential Facility, Home Healthcare Services, Nursing Facility Visit, Office Visit, Outpatient Consultation, Face-to-Face Interaction

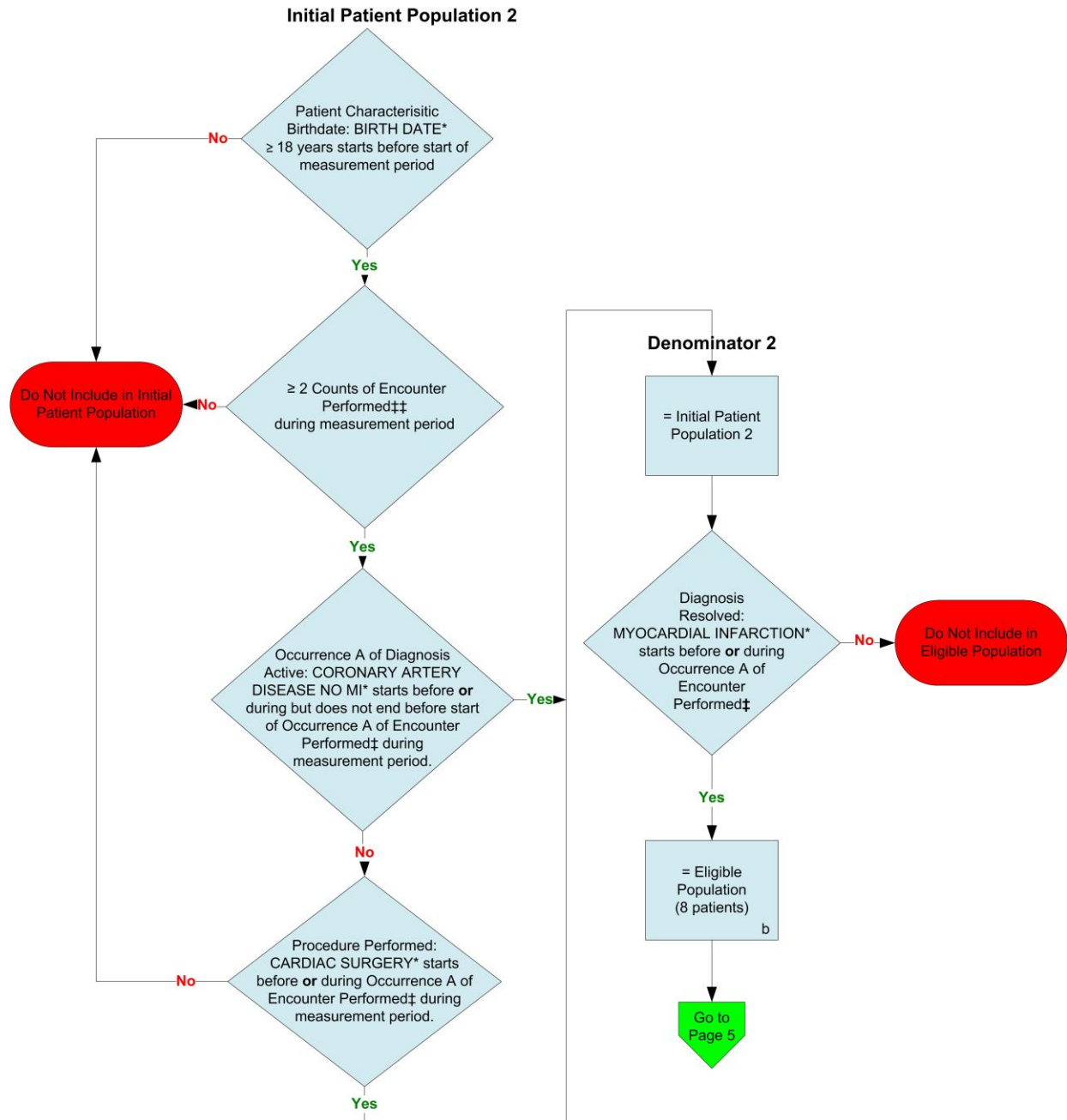
**SAMPLE CALCULATION:** Combination of Initial Patient Population 1; Denominator 1; Numerator 1

**Performance Rate=**

Numerator (a= 5 patients)  
Denominator (b=8 patients) – Denominator Exclusions (N/A) – Denominator Exceptions (c¹ + c² + c³ = 2 patients) = 83.33%

2014 eCQM Flow  
Measure Identifier: CMS145v3  
NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)

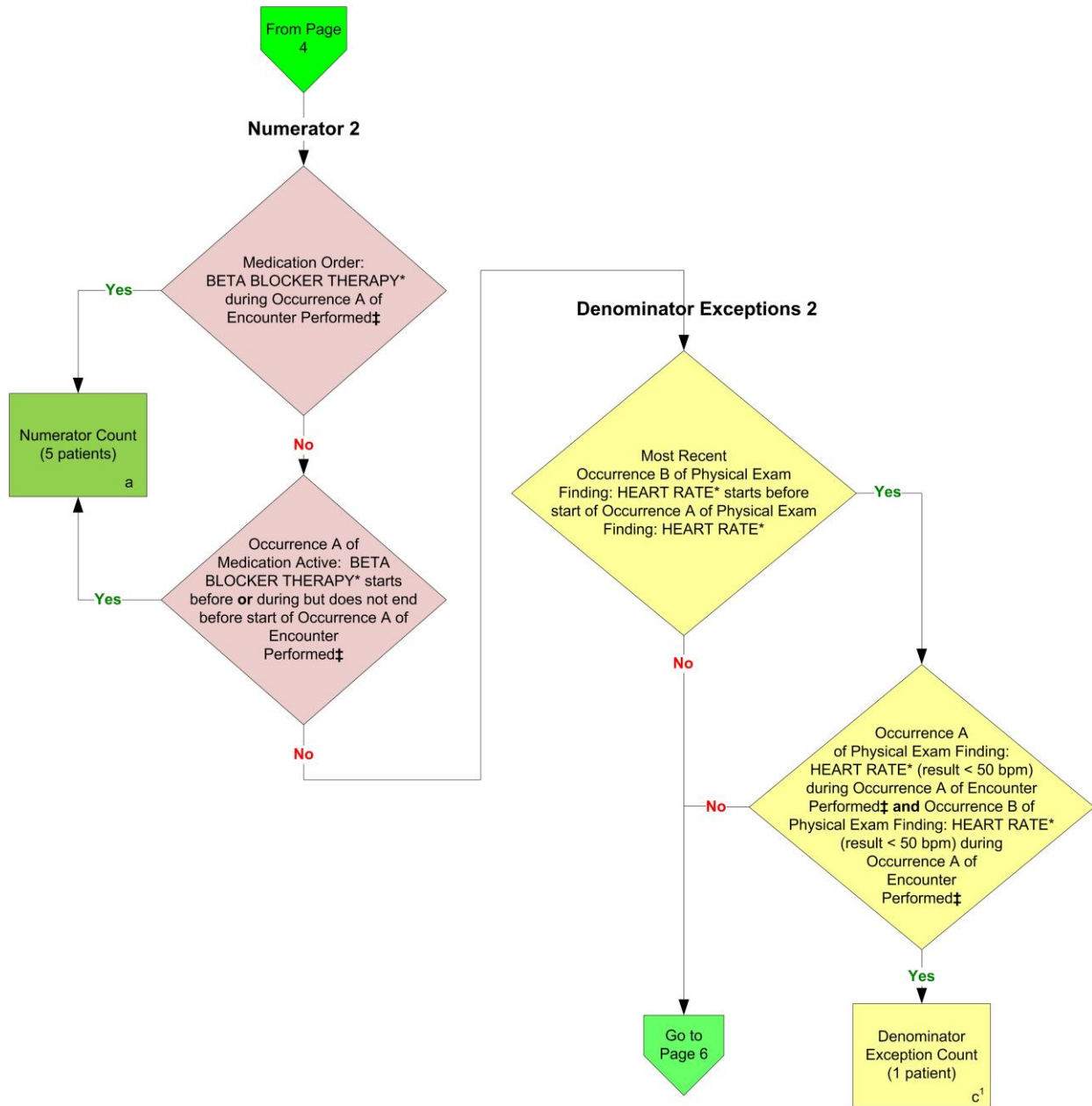
Population Criteria 2



\*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.  
† Appropriate encounters include; Care Services in Long-Term Residential Facility, 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, Office Visit.



2014 eCQM Flow  
Measure Identifier: CMS145v3  
NQF 0070: Coronary Artery Disease (CAD): Beta-Blocker Therapy - Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF < 40%)

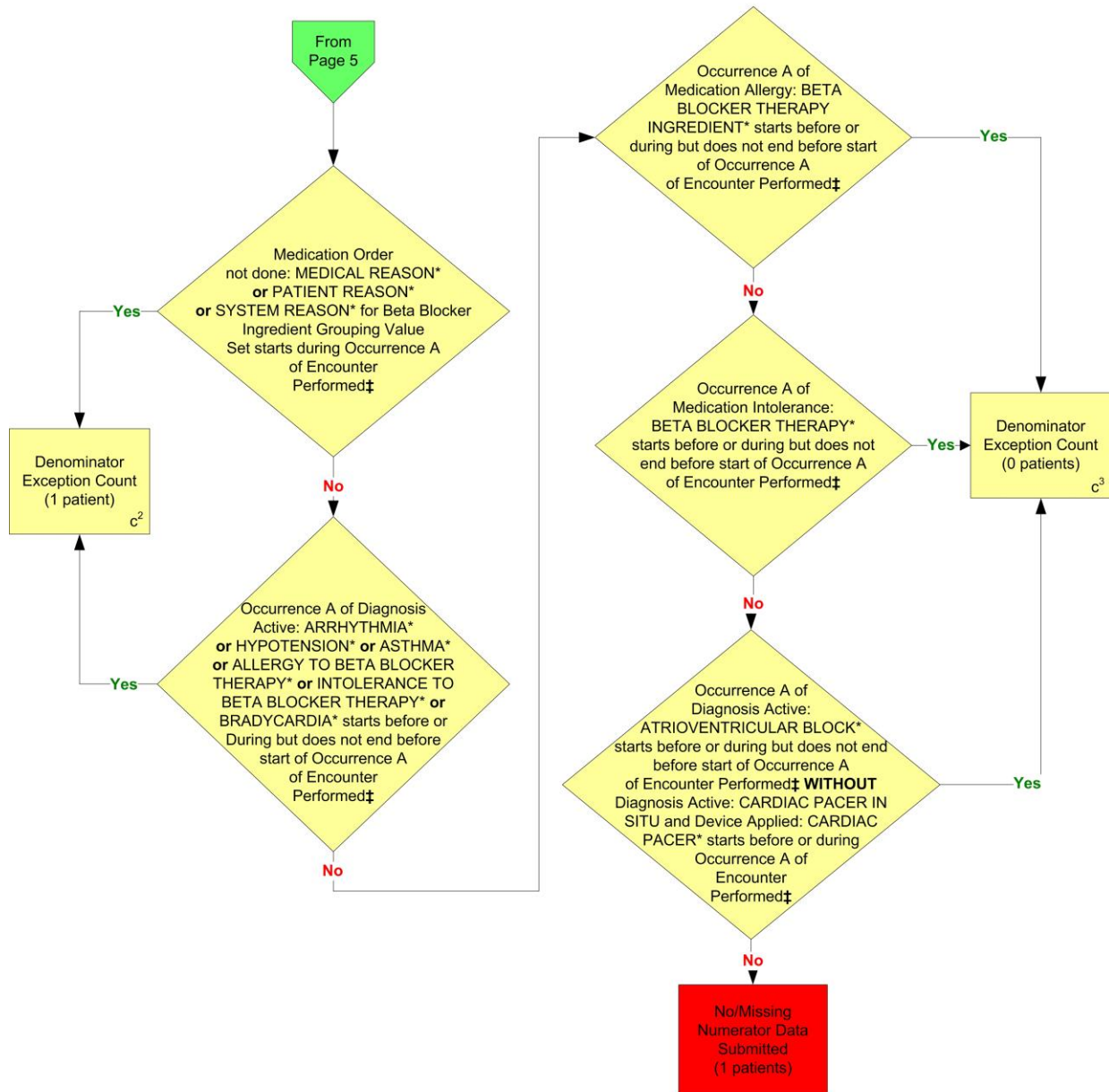


\*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

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

2014 eCQM Flow  
Measure Identifier: CMS145v3

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 eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.  
‡ Appropriate encounters include: Care Services in Long-Term Residential Facility, 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 eCQM Flows

Measure Identifier: CMS145v3

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

*This eCQM requires the reporting of two Performance Rates*

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

1. Start Initial Patient Population
2. Check Patient Characteristic 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:

- a. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals No, proceed to check next Diagnosis Active.
- b. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
- c. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals No, proceed to check next Diagnosis Active.
- d. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
- e. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals No, proceed to check next Diagnosis Active.
- f. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
- g. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals No, proceed to check next Diagnosis Active.



- h. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
  - i. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals No, proceed to check next Diagnosis Active.
  - j. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
  - k. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals No, proceed to check Procedure Performed.
  - l. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals Yes, include in Initial Patient Population 1 and proceed to check Denominator 1.
5. Check Procedure Performed:
- a. If 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, proceed to check next Procedure Performed.
  - 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, proceed to check next Procedure Performed.
  - 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, proceed to check next Procedure Performed.
- 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, proceed to check next Procedure Performed.
  - 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, proceed to check next Procedure Performed.
  - 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.
6. Start Denominator 1
    - a. Denominator equals the Initial Patient Population.
  7. 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.

8. 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)

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- 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.
10. Start Numerator 1
11. 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.
12. Check Medication Active:
- a. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Active.
  - b. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed 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.
- l. If Occurrence A of QDM data element, BETA BLOCKER THERAPY FOR LVSD, starts before or during but does not end before start of Occurrence A of Encounter Performed 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.

13. Check Denominator Exceptions 1

14. Check Physical Exam Finding:

- a. If Most Recent Occurrence B of QDM data element, HEART RATE, starts before start of Occurrence A of QDM data element, HEART RATE, equals 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.

15. Check Physical Exam Finding:

- a. If Occurrence A of QDM data element, HEART RATE (result less than 50 bpm), during Occurrence A of Encounter Performed QDM data element, 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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.
16. 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> 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 Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Order not done.
  - c. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker Ingredient Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
  - d. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker



Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, OUTPATIENT CONSULTATION, equals No,  
proceed to check next Medication Order not done.

- e. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- f. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Order not done.
- g. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- h. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Order not done.
- i. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- j. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Order not done.
- k. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter  
Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- l. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta-Blocker  
Ingredient Grouping Value Set starts during Occurrence A of Encounter

Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Diagnosis Active.

17. Check Diagnosis Active:

- a. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
- b. If Occurrence A of 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 but does not end before start of 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 C<sup>2</sup> equals 1 patient. Stop Processing.
- c. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
- d. If Occurrence A of 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 but does not end before start of 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 C<sup>2</sup> equals 1 patient. Stop Processing.
- e. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
- f. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 1, which is

represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.

- g. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnosis Active.
- h. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- i. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- j. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- k. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Medication Allergy.
- l. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count 1, which

is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.

18. Check Medication Allergy:
- a. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Allergy.
  - b. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - c. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Allergy.
  - d. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - e. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Allergy.
  - f. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - g. If QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Allergy.
  - h. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - i. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Allergy.

- j. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - k. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check next Medication Intolerance.
  - l. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
19. Check Medication Intolerance:
- a. If 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 Intolerance.
  - 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, 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 C<sup>3</sup> equals 0 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, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Intolerance.
  - 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, 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 C<sup>3</sup> equals 0 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 Intolerance.
  - 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 Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - g. If 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 Intolerance.

- 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, 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 C<sup>3</sup> equals 0 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, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Intolerance.
  - 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, 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 C<sup>3</sup> equals 0 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 Diagnosis Active.
  - l. 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 Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
20. Check Diagnosis Active:
- a. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
  - c. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
  - e. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
  - g. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, 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, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, 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, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
  - i. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
- k. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.

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

**Performance Rate**

Numerator (a= 5 patients)

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

= **83.33%**

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:
  - a. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals No, check next Diagnosis Active.
  - b. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
  - c. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals No, check next Diagnosis Active.
  - d. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
  - e. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals No, check next Diagnosis Active.
  - f. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
  - g. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals No, check next Diagnosis Active.
  - h. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
  - i. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, during measurement period equals No, check next Diagnosis Active.
  - j. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME



- HEALTHCARE SERVICES, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
- k. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals No, proceed to check Procedure Performed.
  - l. If Occurrence A of Diagnosis Active QDM data element, CORONARY ARTERY DISEASE NO MI, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, during measurement period equals Yes, include in Initial Patient Population 2 and proceed to check Denominator 2.
5. Check Procedure Performed:
- a. If 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, check next Procedure Performed.
  - b. If 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 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, check next Procedure Performed.
  - d. If 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 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, check next Procedure Performed.
  - f. If 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 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, check next Procedure Performed.
  - h. If 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 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, check next Procedure Performed.

- j. If 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 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 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.
6. Start Denominator 2
- a. Denominator equals the Initial Patient Population.
7. 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.

8. Start Numerator 2

9. 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.
10. 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.
  - l. 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.
11. Check Denominator Exceptions 2
12. 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.
13. 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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 C<sup>1</sup> 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.
14. 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 Ingredient Grouping Value Set 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 C<sup>2</sup> 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 Ingredient Grouping Value Set 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 Order Not Done.
  - c. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set 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 C<sup>2</sup> equals 1 patient. Stop Processing.
  - d. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set starts before or during Occurrence A of

- Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Order Not Done.
- e. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set 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 C<sup>2</sup> equals 1 patient. Stop Processing.
  - f. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set starts before or during Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Order Not Done.
  - g. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set 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 C<sup>2</sup> equals 1 patient. Stop Processing.
  - h. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set starts before or during Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Order Not Done.
  - i. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set 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 C<sup>2</sup> equals 1 patient. Stop Processing.
  - j. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set starts before or during Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Order Not Done.
  - k. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set 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 C<sup>2</sup> equals 1 patient. Stop Processing.
  - l. If QDM data element, MEDICAL REASON, or QDM data element, PATIENT REASON, or QDM data element, SYSTEM REASON for Beta Blocker Ingredient Grouping Value Set starts before or during Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Diagnosis Active.



15. Check Diagnosis Active:
- a. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Diagnosis Active.
  - b. If Occurrence A of 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 but does not end before start of 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 C<sup>2</sup> equals 1 patient. Stop Processing.
  - c. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Diagnosis Active.
  - d. If Occurrence A of 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 but does not end before start of 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 C<sup>2</sup> equals 1 patient. Stop Processing.
  - e. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Diagnosis Active.
  - f. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.

- g. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Diagnosis Active.
- h. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- i. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Diagnosis Active.
- j. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.
- k. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Medication Allergy.
- l. If Occurrence A of 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 but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>2</sup> equals 1 patient. Stop Processing.

16. Check Medication Allergy:
- a. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals No, proceed to check next Medication Allergy.
  - b. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OFFICE VISIT, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - c. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Allergy.
  - d. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, OUTPATIENT CONSULTATION, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - e. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals No, proceed to check next Medication Allergy.
  - f. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, NURSING FACILITY VISIT, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - g. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals No, proceed to check next Medication Allergy.
  - h. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - i. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Allergy.
  - j. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, HOME

- HEALTHCARE SERVICES, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
- k. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals No, proceed to check Medication Intolerance.
  - l. If Occurrence A of QDM data element, BETA BLOCKER THERAPY INGREDIENT, starts before or during but does not end before start of Occurrence A of Encounter Performed QDM data element, FACE-TO-FACE INTERACTION, equals Yes, include in Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
17. Check Medication Intolerance:
- 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, OFFICE VISIT, equals No, proceed to check next Medication Intolerance.
  - 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, 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 C<sup>3</sup> equals 0 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, OUTPATIENT CONSULTATION, equals No, proceed to check next Medication Intolerance.
  - 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, 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 C<sup>3</sup> equals 0 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 Intolerance.
  - 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 Denominator Exception Count 2, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
  - g. If 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 Intolerance.

- 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, 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 C<sup>3</sup> equals 0 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, HOME HEALTHCARE SERVICES, equals No, proceed to check next Medication Intolerance.
  - j. If Occurrence A of 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 C<sup>3</sup> equals 0 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 Diagnosis Active.
  - l. 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 Denominator Exception Count 1, which is represented by letter C in the sample calculation listed at the end of this document. Letter C<sup>3</sup> equals 0 patients. Stop Processing.
18. Check Diagnosis Active:
- a. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK starts before or during but does not end before start of Occurrence A of Encounter Performed, OFFICE VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK starts before or during but does not end before start of Occurrence A of Encounter Performed, OFFICE VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
  - c. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, OUTPATIENT CONSULTATION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter

Performed, OUTPATIENT CONSULTATION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.

- e. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, NURSING FACILITY VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, NURSING FACILITY VISIT, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
- g. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.
- i. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, HOME HEALTHCARE SERVICES, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, HOME HEALTHCARE SERVICES, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.

- k. If Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, FACE-TO-FACE INTERACTION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 Occurrence A of QDM data element, ATRIOVENTRICULAR BLOCK, starts before or during but does not end before start of Occurrence A of Encounter Performed, FACE-TO-FACE INTERACTION, WITHOUT QDM data element, CARDIAC PACER IN SITU, and 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 C<sup>3</sup> equals 0 patients. Stop Processing.

<p><b>SAMPLE CALCULATION:</b> <i>Combination of Initial Patient Population 2; Denominator 2; Numerator 2</i></p> <p><b>Performance Rate</b></p> <p>Numerator (a= 5 patients)</p> <p>÷</p> <p>Denominator (b=8 patients) – <i>Denominator Exclusions (N/A)</i> – Denominator Exceptions (c<sup>1</sup>+c<sup>2</sup>+c<sup>3</sup>=2 patients)</p> <p>= 83.33%</p>
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