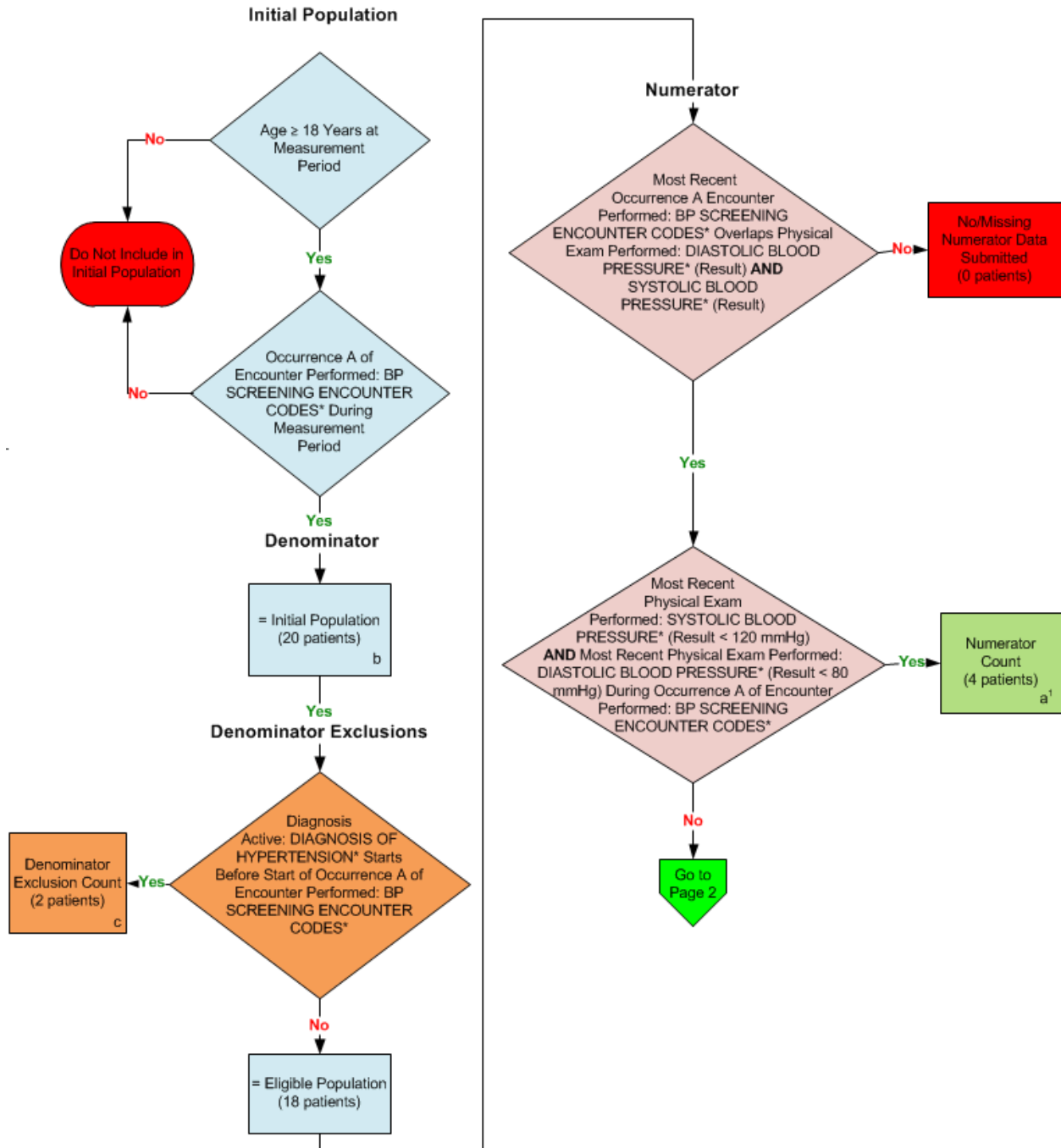


2014 eCQM Flow
Measure Identifier: CMS22v4

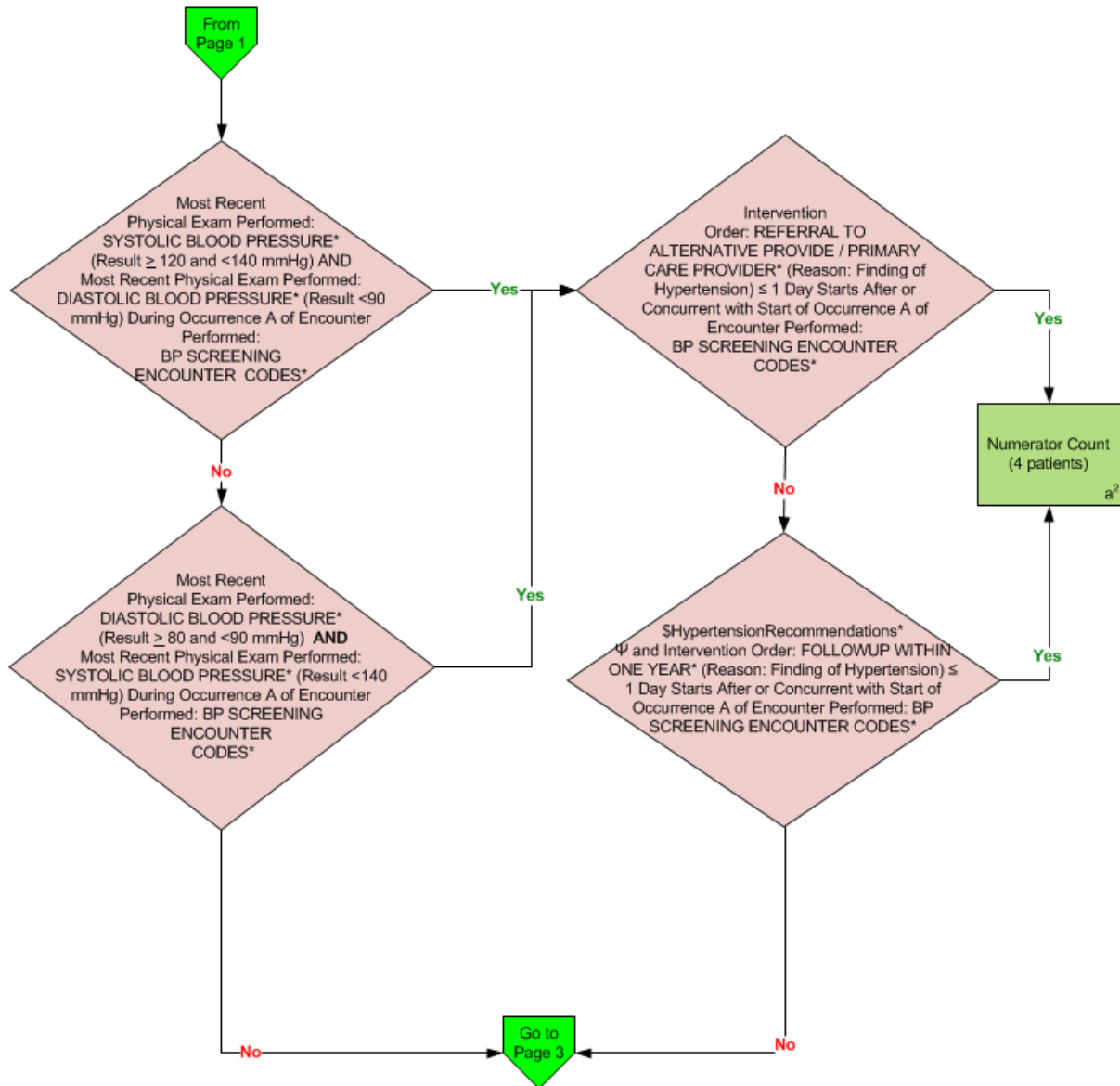
Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented



*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.

2014 eCQM Flow
Measure Identifier: CMS22v4

Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

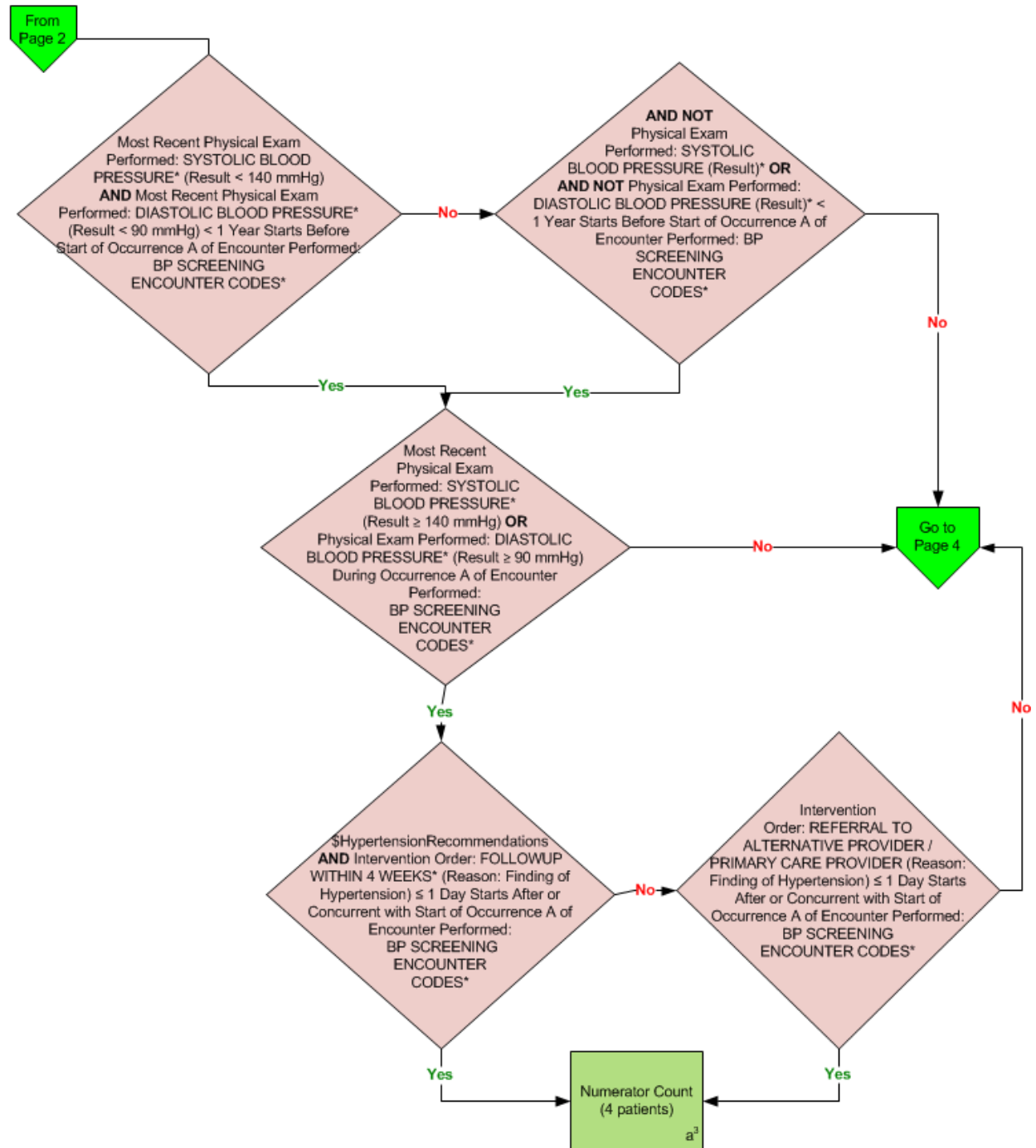


*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

ΨFor a listing of appropriate interventions, please refer to the Population Criteria and associated value sets as specific data elements have not been listed

**2014 eCQM Flow
Measure Identifier: CMS22v4**

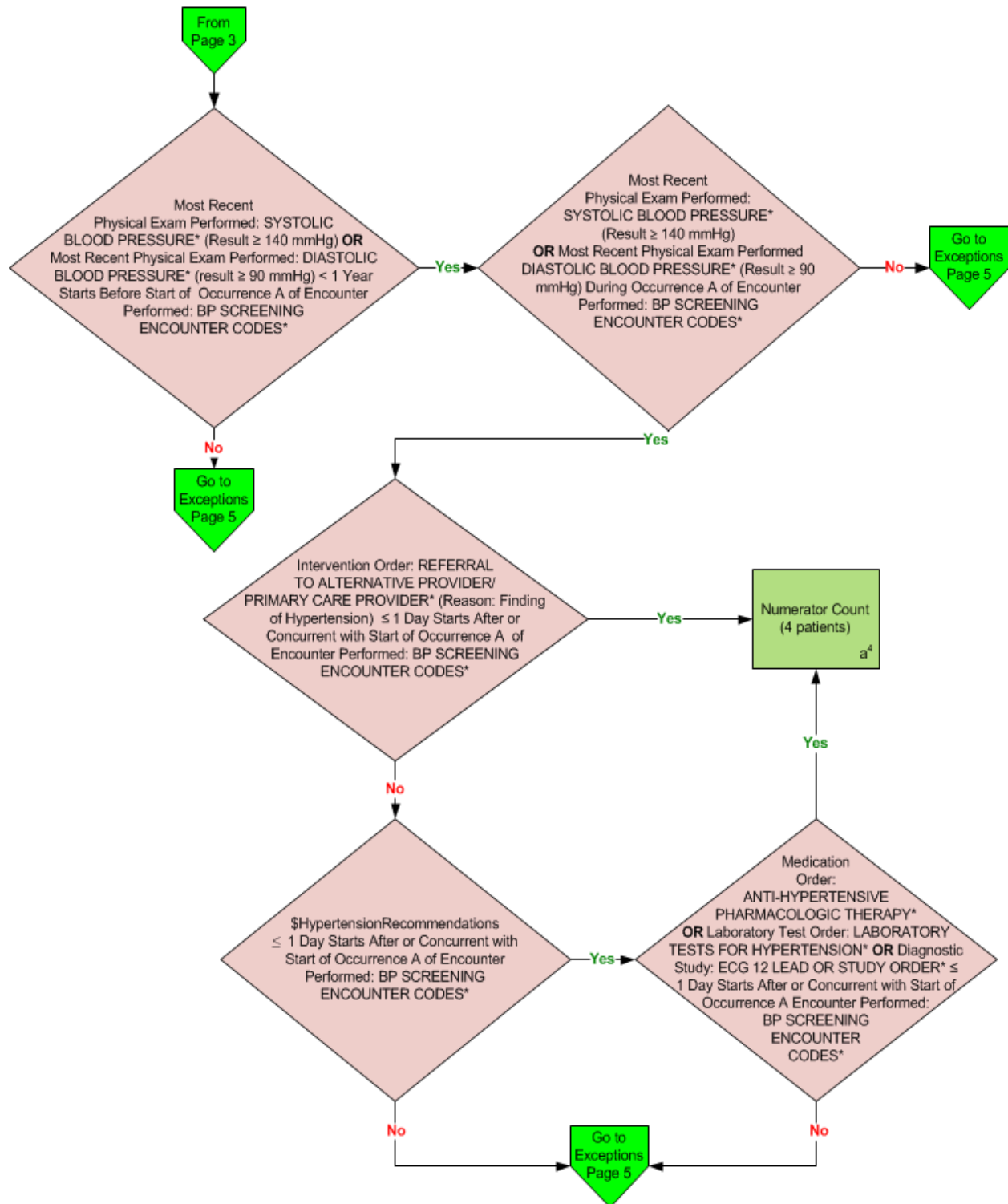
Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented



*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.

2014 eCQM Flow
Measure Identifier: CMS22v4

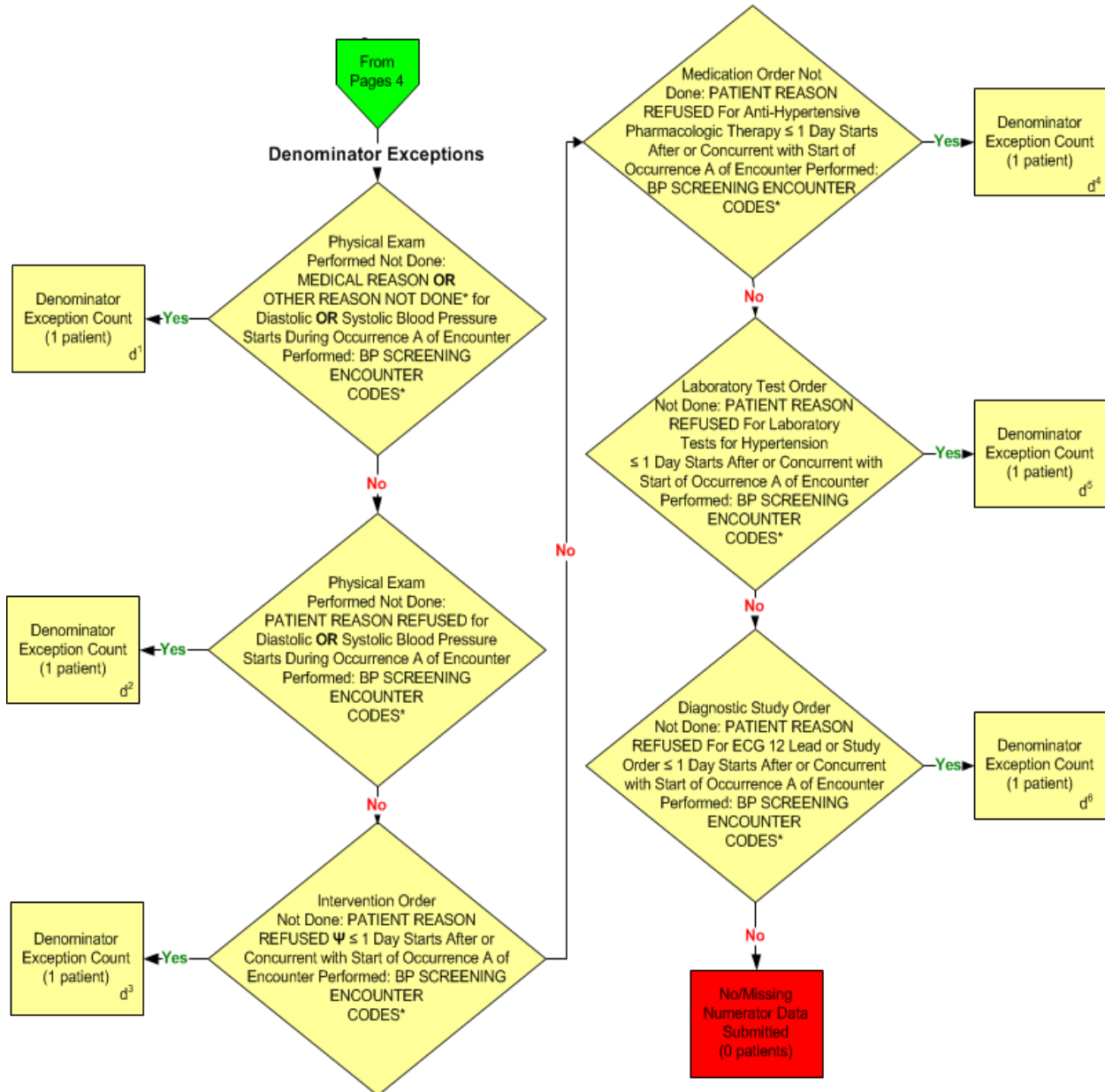
Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented



*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.

**2014 eCQM Flow
Measure Identifier: CMS22v4**

Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented



*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.

ΨFor a listing of appropriate interventions, please refer to the Population Criteria and associated value sets as specific data elements have not been listed

SAMPLE CALCULATION:

Performance Rate =

$$\frac{\text{Numerator } (a^1 + a^2 + a^3 + a^4 = 16 \text{ patients})}{\text{Denominator } (b = 20 \text{ patients}) - \text{Denominator Exclusions } (c = 2 \text{ patients}) - \text{Denominator Exceptions } (d^1 + d^2 + d^3 + d^4 + d^5 + d^6 = 6 \text{ patients})} = 100.00\%$$

2014 eCQM Flows
Measure Identifier: CMS22v4
Preventive Care and Screening: Screening for High Blood Pressure and Follow-up
Documented

Please refer to the specific section of the eCQM to identify the Population Criteria and associated value sets for use in reporting this eCQM.

1. Start Initial Population
2. Check Age:
 - a. If the AGE is greater than or equal to 18 years at measurement period equals No, do not include in Initial Population. Stop Processing.
 - b. If the AGE is greater than or equal to 18 years at measurement period equals Yes, proceed to check Occurrence A of Encounter Performed.
3. Check Occurrence A of Encounter Performed:
 - a. If Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, during measurement period equals Yes, include in the Initial Population. Proceed to Denominator.
 - b. If Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, during measurement period equals No, do not include in the Initial Population. Stop Processing.
4. Start Denominator
 - a. Denominator equals the Initial Population. Denominator is represented by Letter b in the sample calculation listed at the end of this document. Letter b equals 20 patients in the sample calculation.
5. Start Denominator Exclusions
6. Check for Diagnosis Active:
 - a. If the Diagnosis Active QDM data element, DIAGNOSIS OF HYPERTENSION, starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Denominator Exclusions count. Denominator Exclusion is represented by Letter c in the sample calculation listed at the end of this document. Letter c equals 2 patients in the sample calculation.
 - b. If the QDM data element, DIAGNOSIS OF HYPERTENSION, starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals No, include in Eligible Population and go to Start Numerator.
7. Start Numerator
8. Check Most Recent Occurrence A Encounter Performed:
 - a. If the Most Recent Occurrence A Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES overlaps Physical Exam Performed DIASTOLIC

BLOOD PRESSURE (result) AND SYSTOLIC BLOOD PRESSURE (result) equals Yes, proceed to check Most Recent Physical Exam Performed.

- b. If the Most Recent Occurrence A Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES overlaps Physical Exam Performed DIASTOLIC BLOOD PRESSURE (result) AND SYSTOLIC BLOOD PRESSURE (result) equals No include in the No/Missing Data Submitted Count. Stop Processing.

9. Check Most Recent Physical Exam Performed:

- a. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 120mmHg and less than 140 mmHg) AND Most Recent Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result less than 90 mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, proceed to Intervention Order.
- b. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 120mmHg and less than 140 mmHg) AND Most Recent Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result less than 90 mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to Most Recent Physical Exam Performed.

10. Check Most Recent Physical Exam Performed:

- a. If the Most Recent Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result greater than or equal to 80 and less than 90 mmHg) AND the most recent QDM data element, SYSTOLIC BLOOD PRESSURE (result less than 140mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, proceed to check Intervention Order.
- b. If the Most Recent Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result greater than or equal to 80 and less than 90 mmHg) AND the most recent QDM data element, SYSTOLIC BLOOD PRESSURE (result less than 140mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to Most Recent Physical Exam Performed.

11. Check Intervention Order:

- a. If the Intervention Order QDM data element, REFERRAL TO ALTERNATIVE PROVIDER/PRIMARY CARE PROVIDER (reason: Finding of Hypertension), less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Numerator Count. Numerator is represented by Letter a^2 in the sample calculation listed at the end of this document. Letter a^2 equals 4 patients in the sample calculation.
- b. If the Intervention Order QDM data element, REFERRAL TO ALTERNATIVE PROVIDER/PRIMARY CARE PROVIDER (reason: Finding of Hypertension), less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to \$HypertensionRecommendations and Intervention Order.

12. Check \$HypertensionRecommendations and Intervention Order:

- a. If \$HypertensionRecommendations (Intervention Order, QDM data element, LIFESTYLE RECOMMENDATION, QDM data element, WEIGHT REDUCTION RECOMMENDED, QDM data element DIETARY RECOMMENDATIONS, QDM data element, PHYSICAL ACTIVITY RECOMMENDATION, QDM data element, MODERATION OF ETOH CONSUMPTION RECOMMENDATION) AND Intervention Order QDM data element, FOLLOWUP WITHIN ONE YEAR (reason: Finding of Hypertension), less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Numerator Count. Numerator is represented by Letter a² in the sample calculation listed at the end of this document. Letter a² equals 4 patients in the sample calculation.
- b. If \$HypertensionRecommendations (Intervention Order, QDM data element, LIFESTYLE RECOMMENDATION, QDM data element, WEIGHT REDUCTION RECOMMENDED, QDM data element DIETARY RECOMMENDATIONS, QDM data element, PHYSICAL ACTIVITY RECOMMENDATION, QDM data element, MODERATION OF ETOH CONSUMPTION RECOMMENDATION) AND Intervention Order QDM data element, FOLLOWUP WITHIN ONE YEAR (reason: Finding of Hypertension), less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to check Most Recent Physical Exam Performed.

13. Check Most Recent Physical Exam Performed:

- a. If the Most Recent QDM data element, SYSTOLIC BLOOD PRESSURE (result less than 140 mmHg) and the Most Recent QDM data element, DIASTOLIC BLOOD PRESSURE (result less than 90 mmHg) less than 1 year starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to check AND NOT Physical Exam Performed.
- b. If the Most Recent QDM data element, SYSTOLIC BLOOD PRESSURE (result less than 140 mmHg) and the Most Recent QDM data element, DIASTOLIC BLOOD PRESSURE (result less than 90 mmHg) less than 1 year starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, proceed check Most Recent Physical Exam Performed.

14. Check AND NOT Physical Exam Performed:

- a. If AND NOT Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result), OR AND NOT Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result), less than 1 year starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals No, proceed Most Recent Physical Exam Performed.
- b. If AND NOT Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result), OR AND NOT Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result), less than 1 year starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals Yes, check Most Recent Physical Exam Performed.

15. Check Most Recent Physical Exam Performed:

- a. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 140 mmHg) OR Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result greater than or equal to 90 mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to Most Recent Physical Exam Performed.
- b. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 140 mmHg) OR Physical Exam Performed QDM data element, DIASTOLIC BLOOD PRESSURE (result greater than or equal to 90 mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, proceed \$HypertensionRecommendations and Intervention Order.

16. Check \$HypertensionRecommendations and Intervention Order:

- a. If \$HypertensionRecommendations (Intervention Order, QDM data element, LIFESTYLE RECOMMENDATION, QDM data element, WEIGHT REDUCTION RECOMMENDED, QDM data element DIETARY RECOMMENDATIONS, QDM data element, PHYSICAL ACTIVITY RECOMMENDATION, QDM data element, MODERATION OF ETOH CONSUMPTION RECOMMENDATION) AND Intervention Order QDM data element, FOLLOWUP WITHIN ONE YEAR (reason: Finding of Hypertension), AND Intervention Order QDM data element, FOLLOWUP WITHIN 4 WEEKS (reason: Finding of Hypertension) less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Numerator Count. Numerator is represented by Letter a³ in the sample calculation listed at the end of this document. Letter a³ equals 4 patients in the sample calculation.
- b. If \$HypertensionRecommendations (Intervention Order, QDM data element, LIFESTYLE RECOMMENDATION, QDM data element, WEIGHT REDUCTION RECOMMENDED, QDM data element DIETARY RECOMMENDATIONS, QDM data element, PHYSICAL ACTIVITY RECOMMENDATION, QDM data element, MODERATION OF ETOH CONSUMPTION RECOMMENDATION) AND Intervention Order QDM data element, FOLLOWUP WITHIN ONE YEAR (reason: Finding of Hypertension), AND Intervention Order QDM data element, FOLLOWUP WITHIN 4 WEEKS (reason: Finding of Hypertension) less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, check Intervention Order.

17. Check Intervention Order:

- a. If the Intervention Order QDM data element, REFERRAL TO ALTERNATIVE PROVIDER/PRIMARY CARE PROVIDER (reason: Finding of Hypertension), less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals No, proceed to check Physical Exam Performed (page 4)
- b. If the Intervention Order QDM data element, REFERRAL TO ALTERNATIVE PROVIDER/PRIMARY CARE PROVIDER (reason: Finding of Hypertension), less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals Yes, include in Numerator Count. Numerator is represented by letter a³ in

the sample calculation listed at the end of this document. Letter a³ equals 4 patients in the sample calculation.

18. Check Most Recent Physical Exam Performed:

- a. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 140 mmHg) OR Most Recent Physical Exam Performed QDM data element DIASTOLIC BLOOD PRESSURE (result greater than or equal to 90 mmHg) less than one year starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, go to Denominator Exceptions.
- b. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 140 mmHg) OR Most Recent Physical Exam Performed QDM data element DIASTOLIC BLOOD PRESSURE (result greater than or equal to 90 mmHg) less than one year starts before start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, proceed to check Most Recent Physical Exam Performed.

19. Check Most Recent Physical Exam Performed:

- a. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 140 mmHg) OR Most Recent Physical Exam Performed QDM data element DIASTOLIC BLOOD PRESSURE (result greater than or equal to 90 mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to Denominator Exceptions.
- b. If the Most Recent Physical Exam Performed QDM data element, SYSTOLIC BLOOD PRESSURE (result greater than or equal to 140 mmHg) OR Most Recent Physical Exam Performed QDM data element DIASTOLIC BLOOD PRESSURE (result greater than or equal to 90 mmHg) during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, proceed to check Intervention Order.

20. Check Intervention Order:

- a. If the Intervention Order QDM data element, REFERRAL TO ALTERNATIVE PROVIDER/PRIMARY CARE PROVIDER (reason: Finding of Hypertension) less than or equal to 1 day starts after start or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals Yes, include in Numerator Count. Numerator is represented by Letter a⁴ in the sample calculation listed at the end of this document. Letter a⁴ equals 4 patients in the sample calculation.
- b. If the Intervention Order QDM data element, REFERRAL TO ALTERNATIVE PROVIDER/PRIMARY CARE PROVIDER (reason: Finding of Hypertension) less than or equal to 1 day starts after start or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals No, proceed to \$HypertensionRecommendations.

21. Check \$HypertensionRecommendations:

- a. If the \$HypertensionRecommendations QDM data element, (Intervention Order, QDM data element, LIFESTYLE RECOMMENDATION, QDM data element, WEIGHT REDUCTION RECOMMENDED, QDM data element DIETARY

RECOMMENDATIONS, QDM data element, PHYSICAL ACTIVITY RECOMMENDATION, QDM data element, MODERATION OF ETOH CONSUMPTION RECOMMENDATION) less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to Denominator Exceptions.

- b. If the \$HypertensionRecommendations QDM data element, (Intervention Order, QDM data element, LIFESTYLE RECOMMENDATION, QDM data element, WEIGHT REDUCTION RECOMMENDED, QDM data element DIETARY RECOMMENDATIONS, QDM data element, PHYSICAL ACTIVITY RECOMMENDATION, QDM data element, MODERATION OF ETOH CONSUMPTION RECOMMENDATION) less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, go to check Medication Order.

22. Check Medication Order:

- a. If the Medication Order QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, or Laboratory Test Order QDM data element, LABORATORY TESTS FOR HYPERTENSION, or Diagnostic Study, QDM data element, ECG 12 LEAD OR STUDY ORDER, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed, QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Numerator Count. Numerator is represented by Letter a⁴ in the sample calculation listed at the end of this document. Letter a⁴ equals 4 patients in the sample calculation.
- b. If the Medication Order QDM data element, ANTI-HYPERTENSIVE PHARMACOLOGIC THERAPY, or Laboratory Test Order QDM data element, LABORATORY TESTS FOR HYPERTENSION, or Diagnostic Study, QDM data element, ECG 12 LEAD OR STUDY ORDER, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed, QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to Denominator Exceptions.

23. Start Denominator Exceptions

24. Check Physical Exam Performed Not Done:

- a. If the Physical Exam Performed Not Done QDM data element, MEDICAL REASON or OTHER REASON NOT DONE, for Diastolic or Systolic Blood Pressure starts during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Denominator Exceptions count. Denominator Exception is represented by Letter d¹ in the sample calculation listed at the end of this document. Letter d¹ equals 1 patient in the sample calculation.
- b. If the Physical Exam Performed Not Done QDM data element, MEDICAL REASON or OTHER REASON NOT DONE, for Diastolic or Systolic Blood Pressure starts during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to check Physical Exam Performed Not Done.

25. Check Physical Exam Performed Not Done:

- a. If the Physical Exam Performed Not Done QDM data element, PATIENT REASON REFUSED, for Diastolic or Systolic Blood Pressure starts during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES,

equals Yes, include in Denominator Exceptions count. Denominator Exception is represented by letter d² in the sample calculation listed at the end of this document. Letter d² equals 1 patient in the sample calculation.

- b. If the Physical Exam Performed Not Done QDM data element, PATIENT REASON REFUSED, for Diastolic or Systolic Blood Pressure starts during Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES, equals No, proceed to check Intervention Order Not Done.

26. Check Intervention Order Not Done:

- a. If the Intervention Order Not Done QDM data element, PATIENT REASON REFUSED less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Denominator Exceptions count. Denominator Exception is represented by letter d³ in the sample calculation listed at the end of this document. Letter d³ equals 1 patient in the sample calculation.
- b. If the Intervention Order Not Done QDM data element, PATIENT REASON REFUSED less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to check Medication Order Not Done.

27. Check Medication Order Not Done:

- a. If the Medication Order Not Done QDM data element, PATIENT REASON REFUSED, for ANTI-HYPERTENSIVE PHARMACOLOGICAL THERAPY, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Denominator Exceptions count. Denominator Exception is represented by letter d⁴ in the sample calculation listed at the end of this document. Letter d⁴ equals 1 patient in the sample calculation.
- b. If the Medication Order Not Done QDM data element, PATIENT REASON REFUSED, for ANTI-HYPERTENSIVE PHARMACOLOGICAL THERAPY, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to check Laboratory Test Order Not Done.

28. Check Laboratory Test Order Not Done:

- a. If the Laboratory Test Order Not Done QDM data element, PATIENT REASON REFUSED, for Laboratory Tests QDM data element, HYPERTENSION, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Denominator Exceptions count. Denominator Exception is represented by letter d⁵ in the sample calculation listed at the end of this document. Letter d⁵ equals 1 patient in the sample calculation.
- b. If the Laboratory Test Order Not Done QDM data element, PATIENT REASON REFUSED, for Laboratory Tests QDM data element, HYPERTENSION, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, proceed to check Diagnostic Study Order Not Done.

29. Check Diagnostic Study Order Not Done:

- a. If the Diagnostic Study Order Not Done QDM data element, PATIENT REASON REFUSED, for ECG 12 lead or Study Order, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals Yes, include in Denominator Exceptions count. Denominator Exception is represented by letter d⁶ in the sample calculation listed at the end of this document. Letter d⁵ equals 1 patient in the sample calculation.
- b. If the Diagnostic Study Order Not Done QDM data element, PATIENT REASON REFUSED, for ECG 12 lead or Study Order, less than or equal to 1 day starts after or concurrent with start of Occurrence A of Encounter Performed QDM data element, BP SCREENING ENCOUNTER CODES equals No, include in the No/Missing Data Submitted Count. Stop Processing.

SAMPLE CALCULATION:

Performance Rate =

$$\frac{\text{Numerator } (a^1+a^2+a^3+a^4 = 16 \text{ patients})}{\text{Denominator } (b=20 \text{ patients}) - \text{Denominator Exclusions } (c = 2 \text{ patients}) - \text{Denominator Exceptions } (d^1+d^2+d^3+d^4+d^5+d^6 = 6 \text{ patients})} = 100.00\%$$