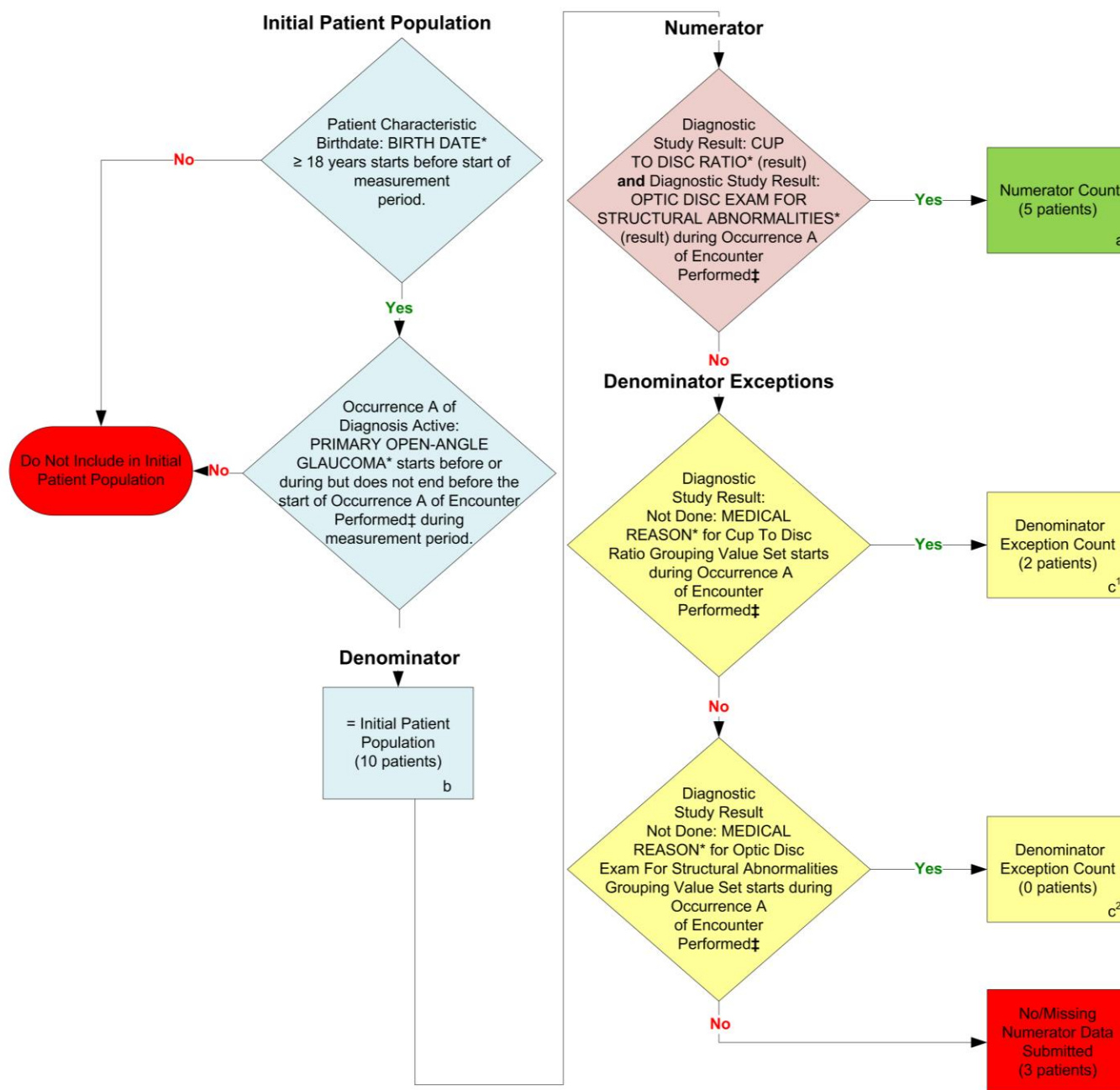


2014 eCQM Flow
Measure Identifier: CMS143v3
NQF 0086: Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation



*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; Ophthalmological Services, Care Services in Long-Term Residential Facility, Nursing Facility Visit, Office Visit, Outpatient Consultation and Face-to-Face Interaction.

SAMPLE CALCULATION:

Performance Rate =

$$\frac{\text{Numerator (a=5 patients)}}{\text{Denominator (b=10 patients) - Denominator Exclusions (N/A) - Denominator Exceptions (c¹+ c²=2)}} = 62.50\%$$

2014 eCQM Flows
Measure Identifier: CMS143v3
NQF 0086: Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation

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 QDM data element, BIRTH DATE, is greater than or equal to 18 years of age before the start of the measurement period, equals No, do not include in Initial Patient Population. Stop Processing.
 - b. If QDM data element, BIRTH DATE, is greater than or equal to 18 years of age before the start of the measurement period, equals Yes, continue processing and proceed to check Diagnosis Active.
3. Check Diagnosis Active:
 - a. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES during measurement period, equals Yes include in Initial Patient Population and proceed to Denominator.
 - b. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES during measurement period, equals No proceed to check next Diagnosis Active.
 - c. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the 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 and proceed to Denominator.
 - d. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the 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.
 - e. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT during measurement period, equals Yes include in Initial Patient Population and proceed to Denominator.
 - f. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT during measurement period, equals No proceed to check next Diagnosis Active.

- g. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element OFFICE VISIT during measurement period, equals Yes include in Initial Patient Population and proceed to Denominator.
 - h. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element OFFICE VISIT during measurement period, equals No proceed to check next Diagnosis Active.
 - i. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION during measurement period, equals Yes include in Initial Patient Population and proceed to Denominator.
 - j. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION during measurement period, equals No proceed to check next Diagnosis Active.
 - k. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION during measurement period, equals Yes include in Initial Patient Population and proceed to Denominator.
 - l. If Occurrence A of QDM data element, PRIMARY OPEN ANGLE GLAUCOMA (POAG), starts before or during but does not end before the start of Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION during measurement period, equals No, do not include in Initial Patient Population and stop processing.
4. Start Denominator
- a. Denominator equals the Initial Patient Population. Denominator is represented by the letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients in the sample calculation.
5. Start Numerator
6. Check Diagnostic Study Result:
- a. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES equals Yes, include in the Numerator count. The Numerator is represented by the letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients in the sample calculation.
 - b. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES equals No, proceed to check next Diagnostic Study Result.

- c. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element CARE SERVICES IN LONG-TERM FACILITY equals Yes, include in the Numerator count. The Numerator is represented by the letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients in the sample calculation.
- d. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element CARE SERVICES IN LONG-TERM FACILITY equals No, proceed to check next Diagnostic Study Result.
- e. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT equals Yes, include in the Numerator count. The Numerator is represented by the letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients in the sample calculation.
- f. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT equals No, proceed to check next Diagnostic Study Result.
- g. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element OFFICE VISIT equals Yes, include in the Numerator count. The Numerator is represented by the letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients in the sample calculation.
- h. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element OFFICE VISIT equals No, proceed to check next Diagnostic Study Result.
- i. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION equals Yes, include in the Numerator count. The Numerator is represented by the letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients in the sample calculation.
- j. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION equals No, proceed to check next Diagnostic Study Result.
- k. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION equals Yes, include in the Numerator count. The Numerator is represented by the letter A in the sample calculation listed at the end of this document. Letter A equals 5 patients in the sample calculation.

- I. If QDM data element CUP TO DISC RATIO (result) AND if QDM data element OPTIC DISC EXAM FOR STRUCTURAL ABNORMALITIES (result) during Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION equals No, proceed to Denominator Exceptions.
7. Start Denominator Exceptions:
8. Check Diagnostic Study Result Not Done:
 - a. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C¹ in the sample calculation listed at the end of this document. Letter C¹ equals 2 patients in the sample calculation.
 - b. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES equals No, proceed to check next Diagnostic Study Result Not Done.
 - c. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C¹ in the sample calculation listed at the end of this document. Letter C¹ equals 2 patients in the sample calculation.
 - d. If QDM data element MEDICAL REASON for Cup to Disc Ratio 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 Diagnostic Study Result Not Done.
 - e. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C¹ in the sample calculation listed at the end of this document. Letter C¹ equals 2 patients in the sample calculation.
 - f. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT equals No, proceed to check next Diagnostic Study Result Not Done.
 - g. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OFFICE VISIT equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C¹ in the sample calculation listed at the end of this document. Letter C¹ equals 2 patients in the sample calculation.
 - h. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OFFICE VISIT equals No, proceed to check next Diagnostic Study Result Not Done.

- i. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C¹ in the sample calculation listed at the end of this document. Letter C¹ equals 2 patients in the sample calculation.
 - j. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION equals No, proceed to check next Diagnostic Study Result Not Done.
 - k. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C¹ in the sample calculation listed at the end of this document. Letter C¹ equals 2 patients in the sample calculation.
 - l. If QDM data element MEDICAL REASON for Cup to Disc Ratio Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION equals No, proceed to check Diagnostic Study Result Not Done.
9. Check Diagnostic Study Result Not Done:
- a. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C² in the sample calculation listed at the end of this document. Letter C² equals 0 patients in the sample calculation.
 - b. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OPHTHALMOLOGICAL SERVICES equals No, proceed to check next Diagnostic Study Result Not Done.
 - c. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element CARE SERVICES IN LONG-TERM RESIDENTIAL FACILITY equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C² in the sample calculation listed at the end of this document. Letter C² equals 0 patients in the sample calculation.
 - d. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities 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 Diagnostic Study Result Not Done.
 - e. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by

the letter C² in the sample calculation listed at the end of this document. Letter C² equals 0 patients in the sample calculation.

- f. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element NURSING FACILITY VISIT equals No, proceed to check next Diagnostic Study Result Not Done.
- g. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OFFICE VISIT equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C² in the sample calculation listed at the end of this document. Letter C² equals 0 patients in the sample calculation.
- h. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OFFICE VISIT equals No, proceed to check next Diagnostic Study Result Not Done.
- i. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C² in the sample calculation listed at the end of this document. Letter C² equals 0 patients in the sample calculation.
- j. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element OUTPATIENT CONSULTATION equals No, proceed to check next Diagnostic Study Result Not Done.
- k. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION equals Yes, include in the Denominator Exception count. The Denominator Exception is represented by the letter C² in the sample calculation listed at the end of this document. Letter C² equals 0 patients in the sample calculation.
- l. If QDM data element MEDICAL REASON for Optic Disc Exam for Structural Abnormalities Grouping Value Set starts during Occurrence A of Encounter Performed QDM data element FACE-TO-FACE INTERACTION equals No, include in the No/Missing Numerator Data Submitted count and stop processing.

SAMPLE CALCULATION:

Performance Rate =

Numerator (a=5 patients)

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Denominator (b=10 patients) – *Denominator Exclusions (N/A)* – Denominator Exceptions (c¹+c²=2)

= 62.50%