

Measure #12 (NQF 0086): Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation – National Quality Strategy Domain: Effective Clinical Care

2017 OPTIONS FOR INDIVIDUAL MEASURES:
REGISTRY ONLY

MEASURE TYPE:
Process

DESCRIPTION:
Percentage of patients aged 18 years and older with a diagnosis of primary open-angle glaucoma (POAG) who have an optic nerve head evaluation during one or more office visits within 12 months

INSTRUCTIONS:
This measure is to be reported a minimum of once per performance period for patients seen during the performance period. It is anticipated that eligible clinicians who provide the primary management of patients with primary open-angle glaucoma (in either one or both eyes) will submit this measure.

Measure Reporting:
The listed denominator criteria is used to identify the intended patient population. The numerator options included in this specification are used to submit the quality actions allowed by the measure. The quality-data codes listed do not need to be submitted for registry-based submissions; however, these codes may be submitted for those registries that utilize claims data.

DENOMINATOR:
All patients aged 18 years and older with a diagnosis of primary open-angle glaucoma

***DENOMINATOR NOTE:** *Signifies that this CPT Category I code is a non-covered service under the Medicare Part B Physician Fee Schedule (PFS). These non-covered services should be counted in the denominator population for registry-based measures.*

Denominator Criteria (Eligible Cases):
Patients aged ≥ 18 years on date of encounter

AND
Diagnosis for primary open-angle glaucoma (ICD-10-CM): H40.10X0, H40.10X1, H40.10X2, H40.10X3, H40.10X4, H40.1110, H40.1111, H40.1112, H40.1113, H40.1114, H40.1120, H40.1121, H40.1122, H40.1123, H40.1124, H40.1130, H40.1131, H40.1132, H40.1133, H40.1134, H40.1190, H40.1191, H40.1192, H40.1193, H40.1194, H40.1210, H40.1211, H40.1212, H40.1213, H40.1214, H40.1220, H40.1221, H40.1222, H40.1223, H40.1224, H40.1230, H40.1231, H40.1232, H40.1233, H40.1234, H40.1290, H40.1291, H40.1292, H40.1293, H40.1294, H40.151, H40.152, H40.153, H40.159

AND
Patient encounter during the **performance period** (CPT): 92002, 92004, 92012, 92014, 99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, 99241*, 99242*, 99243*, 99244*, 99245*, 99304, 99305, 99306, 99307, 99308, 99309, 99310, 99324, 99325, 99326, 99327, 99328, 99334, 99335, 99336, 99337

WITHOUT
Telehealth Modifier: GQ, GT

NUMERATOR:
Patients who have an optic nerve head evaluation during one or more office visits within 12 months

Numerator Options:

<u>OR</u>	<i>Performance Met:</i>	Optic nerve head evaluation performed (2027F)
	<i>Denominator Exception:</i>	Documentation of medical reason(s) for not performing an optic nerve head evaluation (2027F <i>with 1P</i>)
<u>OR</u>	<i>Performance Not Met:</i>	Optic nerve head evaluation was not performed, reason not otherwise specified (2027F <i>with 8P</i>)

RATIONALE:

Changes in the optic nerve are one of two characteristics which currently define progression and thus worsening of glaucoma disease status (the other characteristic is visual field). There is a significant gap in documentation patterns of the optic nerve for both initial and follow-up care (Fremont, 2003), even among specialists (Lee, 2006).

Examination of the optic nerve head and retinal nerve fiber layer provides valuable structural information about glaucomatous optic nerve damage. Visible structural alterations of the optic nerve head or retinal nerve fiber layer and development of peripapillary choroidal atrophy frequently occur before visual field defects can be detected. Careful study of the optic disc neural rim for small hemorrhages is important, since these hemorrhages can precede visual field loss and further optic nerve damage.

When initiating therapy, the clinician sets a target range of controlled IOP based on the pretreatment pressure and the presence of optic nerve damage. According to the AAO Glaucoma Preferred Practice Pattern, lowering the pretreatment IOP by 25% or more has been shown to inhibit progression of POAG to preserve visual function (AAO, 2010).

CLINICAL RECOMMENDATION STATEMENTS:

Ophthalmic Evaluation

In completing the elements in the comprehensive adult medical eye evaluation, the ophthalmic evaluation specifically focuses on the following elements:

- History [A:III]
- Visual acuity measurement [A:III]
- Pupil examination [B:II]
- Anterior segment examination [A:III]
- Intraocular pressure measurement [A:I]
- Gonioscopy [A:III]
- Optic nerve head and retinal nerve fiber layer examination [A:III]
- Fundus examination [A:III]

(AAO, 2010)

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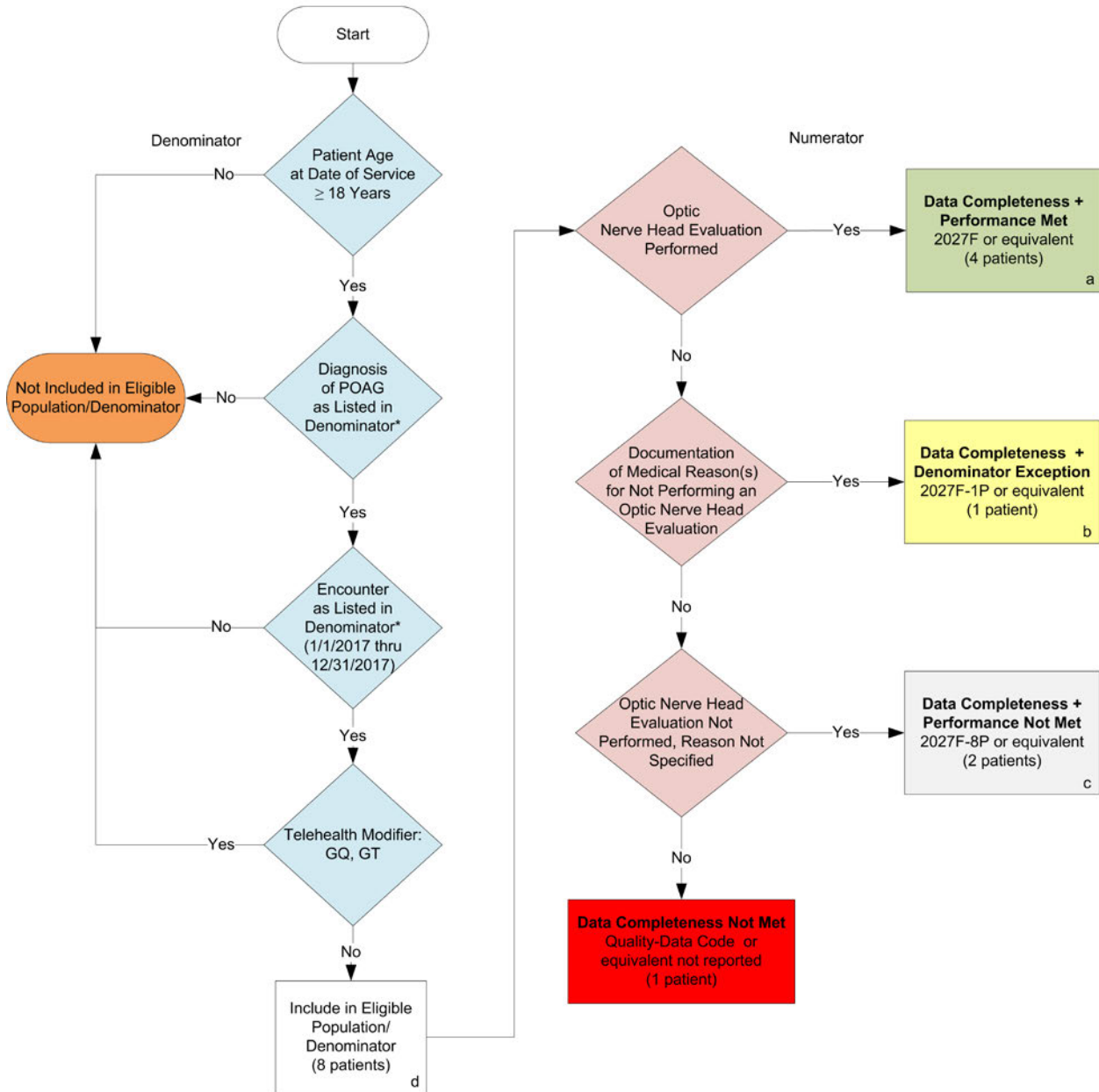
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2017 Registry Individual Measure Flow
#12 NQF #0086: Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation



SAMPLE CALCULATIONS:

Data Completeness=

$$\frac{\text{Performance Met (a=4 patients)} + \text{Denominator Exception (b=1 patient)} + \text{Performance Not Met (c=2 patients)}}{\text{Eligible Population / Denominator (d=8 patients)}} = \frac{7 \text{ patients}}{8 \text{ patients}} = 87.50\%$$

Performance Rate=

$$\frac{\text{Performance Met (a=4 patients)}}{\text{Data Completeness Numerator (7 patients) - Denominator Exception (b=1 patient)}} = \frac{4 \text{ patients}}{6 \text{ patients}} = 66.67\%$$

*See the posted Measure Specification for specific coding and instructions to report this measure.

NOTE: Reporting Frequency – Patient-process

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2017 Registry Individual Measure Flow
#12 NQF #0086: Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation

Please refer to the specific section of the Measure Specification to identify the denominator and numerator information for use in reporting this Individual Measure.

1. Start with Denominator
2. Check Patient Age:
 - a. If the Age is greater than or equal to 18 years of age on Date of Service and equals No during the measurement period, do not include in Eligible Patient Population. Stop Processing.
 - b. If the Age is greater than or equal to 18 years of age on Date of Service and equals Yes during the measurement period, proceed to check Patient Diagnosis.
3. Check Patient Diagnosis:
 - a. If Diagnosis of POAG as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
 - b. If Diagnosis of POAG as Listed in the Denominator equals Yes, proceed to check Encounter Performed.
4. Check Encounter Performed:
 - a. If Encounter as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
 - b. If Encounter as Listed in the Denominator equals Yes, proceed to check Telehealth Modifier.
5. Check Telehealth Modifier:
 - a. If Telehealth Modifier equals Yes, do not include in Eligible Patient Population. Stop Processing.
 - b. If Telehealth Modifier equals No, include in the Eligible population.
6. Denominator Population:
 - a. Denominator population is all Eligible Patients in the denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 8 patients in the sample calculation.
7. Start Numerator
8. Check was Optic Nerve Head Evaluation Performed:
 - a. If Optic Nerve Head Evaluation Performed equals Yes, include in Data Completeness Met and Performance Met.
 - b. Data Completeness Met and Performance Met letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 4 patients in Sample Calculation.

- c. If Optic Nerve Head Evaluation Performed equals No, proceed to Documentation of Medical Reason(s) for Not Performing Optic Nerve Head Evaluation.
9. Check Documentation of Medical Reason(s) for Not Performing an Optic Nerve Head Evaluation:
- a. If Documentation of Medical Reason(s) for Not Performing an Optic Nerve Head Evaluation equals Yes, include in Data Completeness Met and Denominator Exception.
 - b. Data Completeness Met and Denominator Exception letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter b equals 1 patient in the Sample Calculation.
 - c. If Documentation of Medical Reason(s) for Not Performing an Optic Nerve Head Evaluation equals No, proceed to Optic Nerve Head Evaluation Not Performed, Reason Not Specified.
10. Check Optic Nerve Head Evaluation Not Performed, Reason Not Specified:
- a. If Optic Nerve Head Evaluation Not Performed, Reason Not Specified equals Yes, include in Data Completeness Met and Performance Not Met.
 - b. Data Completeness Met and Performance Not Met letter is represented in the Data Completeness in the Sample Calculation listed at the end of this document. Letter c equals 2 patients in the Sample Calculation.
 - c. If Optic Nerve Head Evaluation Not Performed, Reason Not Specified equals No, proceed to Check Data Completeness Not Met.
11. Check Data Completeness Not Met:
- a. If Data Completeness Not Met, the Quality Data Code or equivalent was not reported. 1 patient has been subtracted from the data completeness numerator in sample calculation.

SAMPLE CALCULATIONS:

Data Completeness=

$$\frac{\text{Performance Met (a=4 patients)} + \text{Denominator Exception (b=1 patient)} + \text{Performance Not Met (c=2 patients)}}{\text{Eligible Population / Denominator (d=8 patients)}} = \frac{7 \text{ patients}}{8 \text{ patients}} = 87.50\%$$

Performance Rate=

$$\frac{\text{Performance Met (a=4 patients)}}{\text{Data Completeness Numerator (7 patients) – Denominator Exception (b=1 patient)}} = \frac{4 \text{ patients}}{6 \text{ patients}} = 66.67\%$$