

Quality ID #91 (NQF 0653): Acute Otitis Externa (AOE): Topical Therapy

– National Quality Strategy Domain: Effective Clinical Care

– Meaningful Measure Area: Appropriate Use of Healthcare

2019 COLLECTION TYPE:

MIPS CLINICAL QUALITY MEASURES (CQMS)

MEASURE TYPE:

Process – High Priority

DESCRIPTION:

Percentage of patients aged 2 years and older with a diagnosis of AOE who were prescribed topical preparations

INSTRUCTIONS:

This measure may be submitted based on the actions of the submitting Merit-based Incentive Payment System (MIPS) eligible clinician who performs the quality action, described in the measure, based on services provided within measure-specific denominator coding. This measure is to be submitted once for **each occurrence** of AOE during the performance period. For the purpose of submitting this measure, only unique occurrences with an onset of AOE diagnosing within the current performance period will be submitted. A unique occurrence of AOE is defined as the period of time that begins with the onset of AOE diagnosing and ends 30 days after the onset of diagnosing.

Merit-based Incentive Payment System (MIPS) eligible clinicians who submit this measure may also find Quality ID #93: Acute Otitis Externa: Systemic Antimicrobial Therapy – Avoidance of Inappropriate Use to be clinically relevant. The measure developer intended for Quality ID #91: Acute Otitis Externa (AOE): Topical Therapy and Quality ID #93: Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy- Avoidance of Inappropriate Use to be paired measures, as they can both be implemented to measure care provided to patients diagnosed with diffuse, uncomplicated AOE.

Measure Submission Type:

Measure data may be submitted by individual MIPS eligible clinicians, groups, or third party intermediaries. The listed denominator criteria are used to identify the intended patient population. The numerator options included in this specification are used to submit the quality actions as allowed by the measure. The quality-data codes listed do not need to be submitted by MIPS eligible clinicians, groups, or third party intermediaries that utilize this modality for submissions; however, these codes may be submitted for those third party intermediaries that utilize Medicare Part B claims data. For more information regarding Application Programming Interface (API), please refer to the Quality Payment Program (QPP) website.

DENOMINATOR:

All patients aged 2 years and older with a diagnosis of AOE

***DENOMINATOR NOTE:** A new diagnosis code indicates a new occurrence of AOE. If a patient presents with right ear AOE then returns with new onset of left ear AOE symptoms, then the left ear AOE would be considered a new unique occurrence, separate from the right ear AOE.*

Denominator Criteria (Eligible Cases):

Patients aged ≥ 2 years on date of encounter

AND

Diagnosis for AOE (ICD-10-CM): H60.311, H60.312, H60.313, H60.319, H60.321, H60.322, H60.323, H60.329, H60.331, H60.332, H60.333, H60.339, H60.391, H60.392, H60.393, H60.399, H60.501, H60.502, H60.503, H60.509, H60.511, H60.512, H60.513, H60.519, H60.521, H60.522, H60.523, H60.529, H60.531, H60.532, H60.533, H60.539, H60.541, H60.542, H60.543, H60.549, H60.551, H60.552, H60.553, H60.559, H60.591, H60.592, H60.593, H60.599, H62.40, H62.41, H62.42, H62.43

AND

Patient encounter during the performance period (CPT): 99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, 99281, 99282, 99283, 99284, 99285, 99304, 99305, 99306, 99307, 99308, 99309, 99310, 99324, 99325, 99326, 99327, 99328, 99334, 99335, 99336, 99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350

WITHOUT

Telehealth Modifier: GQ, GT, 95, POS 02

NUMERATOR:

Patients who were prescribed topical preparations

Definition:

Prescribed – May include prescription given to the patient for topical preparations at one or more visits during the episode of AOE OR patient already receiving topical preparations as documented in the current medication list.

NUMERATOR NOTE: *Denominator Exception(s) are determined on the date of the denominator eligible episode.*

Numerator Options:

Performance Met:

Topical preparations (including OTC) prescribed for acute otitis externa **(4130F)**

OR

Denominator Exception:

Documentation of medical reason(s) for not prescribing topical preparations (including OTC) for acute otitis externa **(4130F with 1P)**

OR

Denominator Exception:

Documentation of patient reason(s) for not prescribing topical preparations (including OTC) for acute otitis externa **(4130F with 2P)**

OR

Performance Not Met:

Topical preparations (including OTC) for acute otitis externa (AOE) not prescribed, reason not otherwise specified **(4130F with 8P)**

RATIONALE:

Topical preparations should be used to treat AOE as they are active against the most common bacterial pathogens in AOE, *Pseudomonas aeruginosa* and *Staphylococcus aureus*. Topical preparations are recommended as initial therapy for diffuse, uncomplicated AOE because of safety, efficacy over placebo in randomized controlled trials, and excellent clinical and bacteriologic outcomes in comparative studies. Topical preparations have demonstrated efficacy in the treatment of AOE with resolution in about 65-90% of patients.

CLINICAL RECOMMENDATION STATEMENTS:

Clinicians should prescribe topical preparations for initial therapy of diffuse, uncomplicated AOE.

Recommendation based on randomized controlled trials with some heterogeneity and a preponderance of benefit over harm. [Aggregate evidence quality – Grade B (AAO-HNSF, 2014)]

The purpose of this statement is to emphasize the importance of topical therapy, without systemic antibiotics, for initial management of uncomplicated AOE.

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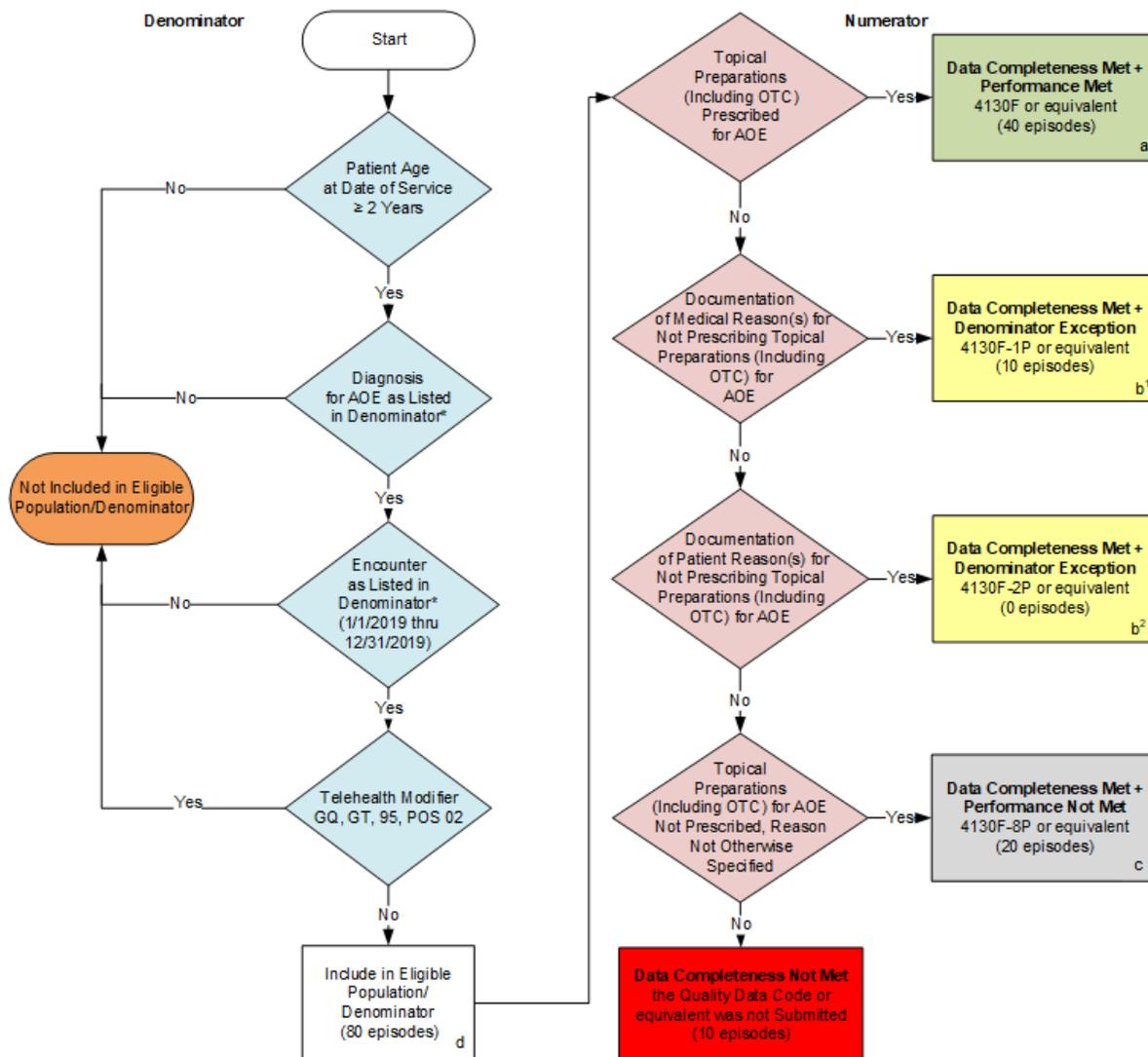
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**2019 Clinical Quality Measure Flow for Quality ID #91 NQF #0653:
Acute Otitis Externa (AOE): Topical Therapy**



SAMPLE CALCULATION S:

Data Completeness=

$$\frac{\text{Performance Met (a=40 episodes)} + \text{Denominator Exceptions (b}^1\text{+b}^2\text{=10 episodes)} + \text{Performance Not Met (c=20 episodes)}}{\text{Eligible Population / Denominator (d=80 episodes)}} = \frac{70 \text{ episodes}}{80 \text{ episodes}} = 87.50\%$$

Performance Rate=

$$\frac{\text{Performance Met (a=40 episodes)}}{\text{Data Completeness Numerator (70 episodes) - Denominator Exception (b}^1\text{+b}^2\text{=10 episodes)}} = \frac{40 \text{ episodes}}{60 \text{ episodes}} = 66.67\%$$

*See the posted Measure Specification for specific coding and instructions to submit this measure.
 NOTE: Submission Frequency: Episode

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 The measure diagrams were developed by CMS as a supplemental resource to be used in conjunction with the measure specifications. They should not be used alone or as a substitution for the measure specification.

**2019 Clinical Quality Measure Flow Narrative for Quality ID #91 NQF #0653:
Acute Otitis Externa (AOE): Topical Therapy**

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

1. Start with Denominator
2. Check Patient Age:
 - a. If Patient Age at Date of Service is greater than or equal to 2 Years equals No, do not include in Eligible Population. Stop Processing.
 - b. If Patient Age at Date of Service is greater than or equal to 2 Years equals Yes, proceed to check Patient Diagnosis.
3. Check Patient Diagnosis:
 - a. If Diagnosis for AOE as Listed in the Denominator equals No, do not include in Eligible Population. Stop Processing.
 - b. If Diagnosis for AOE as Listed in the Denominator equals Yes, proceed to check Encounter Performed.
4. Check Encounter Performed:
 - a. If Encounter as Listed in Denominator equals No, do not include in Eligible Population. Stop Processing.
 - b. If Encounter as Listed in Denominator equals Yes, proceed to check Telehealth Modifier.
5. Check Telehealth Modifier:
 - a. If Telehealth Modifier equals Yes, do not include in Eligible Population. Stop Processing.
 - b. If Telehealth Modifier equals No, include in Eligible Population.
6. Denominator Population:
 - a. Denominator Population is all Eligible Episodes in the Denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 80 episodes in the Sample Calculation.
7. Start Numerator
8. Check Topical Preparations (Including OTC) Prescribed for AOE:
 - a. If Topical Preparations (Including OTC) Prescribed for AOE 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 40 episodes in the Sample Calculation.
 - c. If Topical Preparations (Including OTC) Prescribed for AOE equals No, proceed to check Documentation of Medical Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE.
9. Check Documentation of Medical Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE:
 - a. If Documentation of Medical Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE equals Yes, include in the 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 b¹ equals 10 episodes in the Sample Calculation.
 - c. If Documentation of Medical Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE equals No, proceed to check Documentation of Patient Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE.
10. Check Documentation of Patient Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE:
- a. If Documentation of Patient Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE equals Yes, include in the 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 b² equals 0 episodes in the Sample Calculation.
 - c. If Documentation of Patient Reason(s) for Not Prescribing Topical Preparations (Including OTC) for AOE equals No, proceed to check Topical Preparations for AOE Not Prescribed, Reason Not Otherwise Specified.
11. Check Topical Preparations (Including OTC) for AOE Not Prescribed, Reason Not Otherwise Specified:
- a. If Topical Preparations (Including OTC) for AOE Not Prescribed, Reason Not Otherwise Specified equals Yes, include in the 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 20 episodes in the Sample Calculation.
 - c. If Topical Preparations (Including OTC) for AOE Not Prescribed, Reason Not Otherwise Specified equals No, proceed to check Data Completeness Not Met.
12. Check Data Completeness Not Met:
- a. If Data Completeness Not Met, the Quality Data Code or equivalent was not submitted. 10 episodes have been subtracted from the Data Completeness Numerator in the Sample Calculation.

SAMPLE CALCULATIONS:

Data Completeness=

$$\frac{\text{Performance Met (a=40 episodes) + Denominator Exceptions (b}^1\text{+b}^2\text{=10 episodes) + Performance Not Met (c=20 episodes)}}{\text{Eligible Population / Denominator (d=80 episodes)}} = \frac{70 \text{ episodes}}{80 \text{ episodes}} = \mathbf{87.50\%}$$

Performance Rate=

$$\frac{\text{Performance Met (a=40 episodes)}}{\text{Data Completeness Numerator (70 episodes) – Denominator Exception (b}^1\text{+b}^2\text{=10 episodes)}} = \frac{40 \text{ episodes}}{60 \text{ episodes}} = \mathbf{66.67\%}$$