

▲ Measure #93 (NQF 0654): Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy – Avoidance of Inappropriate Use

2014 PQRS OPTIONS FOR INDIVIDUAL MEASURES:
CLAIMS, REGISTRY

DESCRIPTION:

Percentage of patients aged 2 years and older with a diagnosis of AOE who were **not prescribed** systemic antimicrobial therapy

INSTRUCTIONS:

This measure is to be reported once for **each occurrence** of AOE during the reporting period. Each unique occurrence is defined as a 30-day period from onset of AOE. Claims data will be analyzed to determine unique occurrences. If multiple claims are submitted within that 30-day period, only one instance of reporting will be counted. This measure may be reported by clinicians who perform the quality actions described in the measure based on the services provided and the measure-specific denominator coding.

Measure Reporting via Claims:

ICD-9-CM/ICD-10-CM diagnosis codes, CPT codes, and patient demographics are used to identify patients who are included in the measure's denominator. CPT Category II codes are used to report the numerator of the measure.

When reporting the measure via claims, submit the appropriate ICD-9-CM/ICD-10-CM diagnosis codes, CPT codes, and the appropriate CPT Category II code **OR** the CPT Category II code **with** the modifier. The modifier allowed for this measure is: 1P- medical reasons. All measure-specific coding should be reported on the claim(s) representing the eligible encounter.

Measure Reporting via Registry:

ICD-9-CM/ICD-10-CM diagnosis codes, CPT codes, and patient demographics are used to identify patients who are included in the measure's denominator. The listed numerator options are used to report the numerator of 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 2 years and older with a diagnosis of AOE

Denominator Criteria (Eligible Cases):

Patients aged ≥ 2 years on date of encounter

AND

Diagnosis for AOE (ICD-9-CM) [for use 1/1/2014-9/30/2014]: 380.10, 380.11, 380.12, 380.13, 380.22

Diagnosis for AOE (ICD-10-CM) [for use 10/01/2014-12/31/2014]: H60.00, H60.01, H60.02, H60.03, H60.10, H60.11, H60.12, H60.13, 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, H61.90, H61.91, H61.92, H61.93, H62.40, H62.41, H62.42, H62.43, H62.8X1, H62.8X2, H62.8X3, H62.8X9

AND

Patient encounter during the reporting period (CPT): 99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, 99281, 99282, 99283, 99284, 99285

NUMERATOR:

Patients who were **not** prescribed systemic antimicrobial therapy

Numerator Instructions: For performance, the measure will be calculated as the number of patients for whom systemic antimicrobial therapy was not prescribed over the number of patients in the denominator (patients aged 2 years and older with acute otitis externa). A higher score indicates appropriate treatment of patients with AOE (eg, the proportion for whom systemic antimicrobials were not prescribed).

Numerator Quality-Data Coding Options for Reporting Satisfactorily:

Systemic Antimicrobial Therapy not Prescribed

CPT II 4132F: Systemic antimicrobial therapy **not** prescribed

OR

Systemic Antimicrobial Therapy Prescribed for Medical Reasons

Append a modifier (1P) to CPT Category II code 4131F to report documented circumstances that appropriately exclude patients from the denominator

4131F **with** 1P: Documentation of medical reason(s) for prescribing systemic antimicrobial therapy (eg, coexisting diabetes, immune deficiency)

OR

Systemic Antimicrobial Therapy Prescribed

CPT II 4131F: Systemic antimicrobial therapy prescribed

RATIONALE:

Despite their limited utility, many patients with AOE receive systemic antimicrobial therapy, often in addition to topical therapy. "There are no data on the efficacy of systemic therapy with the use of appropriate antibacterials and stratified by severity of the infection. Moreover, orally administered antibiotics have significant adverse effects that include rashes, vomiting, diarrhea, allergic reactions, altered nasopharyngeal flora, and development of bacterial resistance." The use of systemic antimicrobial therapy to treat AOE should be limited only to those clinical situations in which it is indicated.

CLINICAL RECOMMENDATION STATEMENTS:

Systemic antimicrobial therapy should not be used unless there is extension outside the ear canal or the presence of specific host factors that would indicate a need for systemic therapy. (Recommendation based on randomized controlled trials with minor limitations and a preponderance of benefit over harm. [Aggregate evidence quality – Grade B]) (AAO-HNSF, 2006)