

▲Measure #97: Otitis Media with Effusion (OME): Systemic Antimicrobials – Avoidance of Inappropriate Use

DESCRIPTION:

Percentage of patients aged 2 months through 12 years with a diagnosis of OME who were not prescribed systemic antimicrobials

INSTRUCTIONS:

This measure is to be reported once for each occurrence of OME in children seen during the reporting period. Each unique occurrence is defined as a 90-day period from onset of OME. Claims data will be analyzed to determine unique occurrences. If multiple claims are submitted within that 90-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.

This measure is reported using CPT Category II codes:

ICD-9 diagnosis codes, CPT E/M service codes, and patient demographics (age, gender, etc.) 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, submit the appropriate ICD-9 diagnosis codes, E/M service 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.

NUMERATOR:

Patients who were not prescribed systemic antimicrobials

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 months through 12 years with a diagnosis of OME). A higher score indicates appropriate treatment of patients with OME (e.g., the proportion for whom systemic antimicrobial therapy was not prescribed).

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.

- 1P: Documentation of medical reason(s) for prescribing systemic antimicrobial therapy

OR

Systemic Antimicrobial Therapy Prescribed

CPT II 4131F: Systemic antimicrobial therapy prescribed

DENOMINATOR:

All patients aged 2 months through 12 years with a diagnosis of OME

Denominator Coding:

An ICD-9 diagnosis code for OME and a CPT E/M service code are required to identify patients for denominator inclusion.

ICD-9 diagnosis codes: 381.10, 381.19, 381.20, 381.29, 381.3, 381.4

AND

CPT E/M service codes: 99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, 99241, 99242, 99243, 99244, 99245

RATIONALE:

OME usually resolves spontaneously with indications for therapy only if the condition is persistent and clinically significant benefits can be achieved. Antimicrobials have no proven long-term effectiveness and have potential adverse effects.

CLINICAL RECOMMENDATION STATEMENTS:

Antimicrobials and corticosteroids do not have long-term efficacy and are not recommended for routine management. (Recommendation based on systematic review of randomized, controlled trials and preponderance of harm over benefit. [Aggregate evidence quality – Grade A])
(AAFP/AAO-HNSF/AAP)