AAO17: Age-related Hearing Loss: Advanced Diagnostic Imaging of Bilateral Presbycusis or Symmetric SNHL

High Priority: Yes; Appropriate Use

Percentage of patients age 60 years and older with a diagnosis of bilateral presbycusis or symmetric sensorineural hearing loss who were NOT ordered magnetic resonance imaging (MRI) or a computed tomography scan (CT scan) of the brain, temporal bone or internal auditory canal for the primary indication of hearing loss.

Denominator:
Patients age 60 years and older diagnosed with bilateral presbycusis or symmetric sensorineural hearing loss.

Denominator Exclusions:
None

Denominator Exceptions:
Medical reason that may require an MRI or CT scan of the brain, temporal bone or internal auditory canal, including:
- Evaluation for cochlear implantation or surgical management of hearing loss
- Unilateral or pulsatile tinnitus
- Vertigo, disequilibrium, dizziness
- Asymmetrical hearing loss
- Acquired hearing loss following meningitis, measles, mumps
- Chronic otitis media, otosclerosis
- Head injury or trauma

Numerator:
Patients who were NOT ordered magnetic resonance imaging (MRI) or a computed tomography scan (CT scan) of the brain, temporal bone or internal auditory canal for the primary indication of age-related hearing loss. This restriction is relevant at any time interval after the diagnosis of age-related hearing loss.

Measure Classifications:
Measure Type: Process
National Quality Strategy (NQS) domain: Efficiency and Cost Reduction
Meaningful Measure Area: Appropriate Use of Healthcare
Calculation: 1st Performance Rate
  Inverse Measure: No
  Continuous Measure: No
  Proportional Measure: Yes
  Ratio Measure: No
  Risk Adjusted: No

Copyright:

Limited proprietary coding is contained in the Measure specifications for convenience. Users of the proprietary code sets should obtain all necessary licenses from the owners of these code sets.

The Measures, while copyrighted, can be reproduced and distributed, without modification, for noncommercial purposes, e.g. use by health care providers in connection with their practices. Commercial use is defined as the sale, license, or distribution of the Measures for commercial gain, or incorporation of the Measures into a product or service that is sold, licensed or distributed for commercial gain.

Commercial uses of the Measures require a license agreement between the user and the American Academy of Otolaryngology – Head and Neck Surgery Foundation (AAO-HNSF).

Empowering otolaryngologist–head and neck surgeons to deliver the best patient care
Disclaimer: The Measures are not clinical guidelines, do not establish a standard of medical care, and have not been tested for all potential applications.

THE MEASURES AND SPECIFICATIONS ARE PROVIDED “AS IS” WITHOUT WARRANTY OF ANY KIND. Neither the AAO-HNSF nor its members shall be responsible for any use of the Measures. The AAO-HNSF and its members disclaim all liability for use or accuracy of any Current Procedural Terminology (CPT®) or other coding contained in the specifications.
QCDR Measure Flow for:
AAO17 Age-related Hearing Loss: Advanced Diagnostic Imaging of Bilateral Presbycusis or Symmetric SNHL

INITIAL PATIENT POPULATION (IPP)

Was the patient seen by an eligible provider in the calendar year?

- YES → Patient NOT included in IPP
- NO → Was the patient ≥ 60 years old?
  - NO → Patient NOT included in IPP
  - YES → INCLUDED in IPP — Continue to Denominator

DENOMINATOR

Was the patient diagnosed with bilateral presbycusis or symmetric sensorineural hearing loss?

- NO → Patient not eligible for this measure
- YES → Did the patient have a medical reason that may require an MRI or CT scan of the brain, temporal bone or internal auditory canal?*
  - YES → Denominator Exception
  - NO → INCLUDE in Denominator — Continue to Numerator

NUMERATOR

Was the patient ordered magnetic resonance imaging (MRI) of the brain, temporal bone or internal auditory canal?

OR

Was the patient ordered a computed tomography scan (CT Scan) of the brain, temporal bone or internal auditory canal?

- YES → Measure NOT Met
- NO → Measure Met

*Denominator Exceptions:
MEDICAL REASONS FOR AN MRI OR CT SCAN
- Dizziness
- Tinnitus
- Cranial Nerve Abnormality
- Head Injury
- Otosclerosis
- Chronic Otitis Media
- Hearing Loss
- Cochlear Implant Referral
- Surgical Management Referral

MEASURE DESCRIPTION
Percentage of patients age 60 years and older with a diagnosis of bilateral presbycusis or symmetric sensorineural hearing loss who were NOT ordered magnetic resonance imaging (MRI) or a computed tomography scan (CT scan) of the brain, temporal bone or internal auditory canal for the primary indication of hearing loss.