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:
All 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 measure: No

Empowering otolaryngologist–head and neck surgeons to deliver the best patient care
QCDR Measure Flow for:
AAO17 Age-related Hearing Loss: Advanced Diagnostic Imaging of Bilateral Presbycusis or Symmetric SNHL

**INITIAL PATIENT POPULATION (IPP)**

**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.

Was the patient seen by an eligible provider in the calendar year? **NO**

Was the patient ≥ 60 years old? **NO**

**Patient NOT included in IPP**

**YES**

INCLUDED in IPP — Continue to Denominator

**DENOMINATOR**

*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

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? **NO**

Measure Met

**YES**

Measure NOT Met