



AAO20: Tympanostomy Tubes: Comprehensive Audiometric Evaluation

High Priority Status: No / N/A

CBE Number: N/A

Measure Description:

Percentage of patients aged 6 months through 12 years with a diagnosis of otitis media with effusion (OME) who received tympanostomy tube insertion and received a comprehensive audiometric evaluation within 6 months prior to tympanostomy tube insertion.

Instructions:

This measure is to be submitted a minimum of **once per performance period** for patients diagnosed with OME who undergo tympanostomy tube insertion during the measurement period. This measure may be submitted by clinicians based on the services provided and the measure-specific denominator coding.

Denominator:

All patients aged 6 months through 12 years with a diagnosis of OME who received tympanostomy tube insertion.

Denominator Note:

To meet the denominator criteria, a patient must have been diagnosed with OME AND have undergone tympanostomy tube insertion within the performance period.

Denominator Exclusions:

None

Denominator Criteria:

Patients aged 6 months through 12 years
AND
Diagnosis: [Otitis Media with Effusion \(OME\)](#)
AND
Procedure: [Tympanostomy Tube Insertion](#)
AND
Patient Visit: [Encounter Visit](#)

[For a list of all codes that qualify as denominator eligible visits, reference Addendum attached.](#)

Numerator:

Patients who received a comprehensive audiometric evaluation within 6 months prior to tympanostomy tube insertion.

Numerator Note:

To meet the intent of the measure, documentation is required that a comprehensive audiometric evaluation was performed within 6 months before tympanostomy tube insertion. Comprehensive audiometric evaluation is typically performed by an audiologist, but the specific methods will vary with the age of the child.

Denominator Exceptions:

Patient or caregiver(s) refusal of hearing test.

Measure Classifications:

Submission Pathway: Traditional MIPS, MIPS Value Pathways

Measure Type: Process

Meaningful Measures Area: Appropriate Use of Healthcare

Care Setting(s): Ambulatory Care: Clinician Office/Clinic

High Priority Type: N/A
Includes Telehealth: No
Number of Performance Rates: 1
Inverse measure: No
Continuous measure: No
Proportional measure: Yes
Ratio measure: No
Risk Adjusted measure: No

Clinical Recommendation Statement:

Clinicians should obtain an age-appropriate hearing test if OME persists for 3 months or longer OR prior to surgery when a child becomes a candidate for tympanostomy tube insertion.

Rosenfeld RM, Schwartz SR, Pynnonen MA, et al. Clinical practice guideline: Tympanostomy tubes in children. Otolaryngology Head Neck Surg. 2013;149(1 Suppl):S1-S35. doi:10.1177/0194599813487302

Rationale:

Otitis media with effusion is often accompanied by hearing loss which can impair early language acquisition, especially in severe cases which often necessitate tympanostomy tube insertion. Therefore, it is imperative that any patient for whom tympanostomy tube insertion is indicated have their hearing tested.

Supporting Clinical Practice Guideline (CPG):

For more details, reference the [Clinical Practice Guideline: Tympanostomy Tubes in Children \(Update\) \[2022\]](#)

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Addendum

Otitis Media with Effusion (OME)

Measure Element	Code Type	Code	Code Description
Denominator - Otitis Media With Effusion	SNOMEDCT	1083371000119100	Chronic nonsuppurative otitis media of bilateral ears (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1083391000119100	Chronic otitis media of bilateral ears (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1084291000119100	Chronic mucoid otitis media of bilateral ears (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1088501000119100	Chronic nonsuppurative otitis media of left ear (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1088521000119100	Chronic otitis media of left ear (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1089361000119100	Chronic mucoid otitis media of left ear (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1091111000119100	Chronic nonsuppurative otitis media of right ear (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1091131000119100	Chronic otitis media of right ear (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	1091971000119100	Chronic mucoid otitis media of right ear (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	19399000	Acute exudative otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	194286008	Bilateral suppurative otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	20916007	Adhesive middle ear disease with adhesions of drum head to stapes (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	21186006	Chronic otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	232254004	Chronic non-suppurative otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	232257006	Chronic non-suppurative otitis media without effusion (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	267668000	Chronic non-suppurative otitis media with effusion - mucoid (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	31700001	Adhesive middle ear disease with adhesions of drum head to incus (disorder)
Denominator - Otitis Media With Effusion	ICD9CM-DX	382	Suppurative and unspecified otitis media
Denominator - Otitis Media With Effusion	ICD9CM-DX	382	Acute suppurative otitis media
Denominator - Otitis Media With Effusion	ICD9CM-DX	382	Acute suppurative otitis media without spontaneous rupture of eardrum
Denominator - Otitis Media With Effusion	ICD9CM-DX	382.01	Acute suppurative otitis media with spontaneous rupture of eardrum
Denominator - Otitis Media With Effusion	ICD9CM-DX	382.02	Acute suppurative otitis media in diseases classified elsewhere
Denominator - Otitis Media With Effusion	ICD9CM-DX	382.1	Chronic tubotympanic suppurative otitis media

Denominator - Otitis Media With Effusion	ICD9CM-DX	382.2	Chronic atticoantral suppurative otitis media
Denominator - Otitis Media With Effusion	ICD9CM-DX	382.3	Unspecified chronic suppurative otitis media
Denominator - Otitis Media With Effusion	ICD9CM-DX	382.9	Unspecified otitis media
Denominator - Otitis Media With Effusion	SNOMEDCT	38394007	Chronic purulent otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	39222009	Adhesive middle ear disease with adhesions of drum head to promontorium (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	39288006	Purulent otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	41954005	Chronic atticoantral suppurative otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	429767005	Chronic otitis media after insertion of tympanic ventilation tube (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	43561008	Chronic exudative otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	449839003	Chronic otitis media with sanguineous effusion (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	58194007	Chronic seromucinous otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	6485001	Mucosanguinous chronic otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	71958004	Chronic allergic otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	7699004	Adhesive middle ear disease (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	78868004	Chronic mucoid otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	81564005	Chronic serous otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	8304007	Acute seromucinous otitis media (disorder)
Denominator - Otitis Media With Effusion	SNOMEDCT	86850004	Serosanguineous chronic otitis media (disorder)
Denominator - Otitis Media With Effusion	ICD10CM	H65	Nonsuppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.0	Acute serous otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.00	Acute serous otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.01	Acute serous otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.02	Acute serous otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.03	Acute serous otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.04	Acute serous otitis media, recurrent, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.05	Acute serous otitis media, recurrent, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.06	Acute serous otitis media, recurrent, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.07	Acute serous otitis media, recurrent, unspecified ear

Denominator - Otitis Media With Effusion	ICD10CM	H65.1	Other acute nonsuppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.11	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous)
Denominator - Otitis Media With Effusion	ICD10CM	H65.111	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.112	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.113	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.114	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), recurrent, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.115	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), recurrent, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.116	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), recurrent, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.117	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), recurrent, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.119	Acute and subacute allergic otitis media (mucoid) (sanguinous) (serous), unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.19	Other acute nonsuppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.191	Other acute nonsuppurative otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.192	Other acute nonsuppurative otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.193	Other acute nonsuppurative otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.194	Other acute nonsuppurative otitis media, recurrent, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.195	Other acute nonsuppurative otitis media, recurrent, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.196	Other acute nonsuppurative otitis media, recurrent, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.197	Other acute nonsuppurative otitis media recurrent, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.199	Other acute nonsuppurative otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.2	Chronic serous otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.20	Chronic serous otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.21	Chronic serous otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.22	Chronic serous otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.23	Chronic serous otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.3	Chronic mucoid otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.30	Chronic mucoid otitis media, unspecified ear

Denominator - Otitis Media With Effusion	ICD10CM	H65.31	Chronic mucoid otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.32	Chronic mucoid otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.33	Chronic mucoid otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.4	Other chronic nonsuppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.41	Chronic allergic otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.411	Chronic allergic otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.412	Chronic allergic otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.413	Chronic allergic otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.419	Chronic allergic otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.49	Other chronic nonsuppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.491	Other chronic nonsuppurative otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.492	Other chronic nonsuppurative otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.493	Other chronic nonsuppurative otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H65.499	Other chronic nonsuppurative otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.5	Acute serous otitis media, recurrent, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.9	Unspecified nonsuppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H65.90	Unspecified nonsuppurative otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.91	Unspecified nonsuppurative otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.92	Unspecified nonsuppurative otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H65.93	Unspecified nonsuppurative otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66	Suppurative and unspecified otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H66.0	Acute suppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H66.00	Acute suppurative otitis media without spontaneous rupture of ear drum
Denominator - Otitis Media With Effusion	ICD10CM	H66.001	Acute suppurative otitis media without spontaneous rupture of ear drum, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.002	Acute suppurative otitis media without spontaneous rupture of ear drum, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.003	Acute suppurative otitis media without spontaneous rupture of ear drum, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.004	Acute suppurative otitis media without spontaneous rupture of ear drum, recurrent, right ear

Denominator - Otitis Media With Effusion	ICD10CM	H66.005	Acute suppurative otitis media without spontaneous rupture of ear drum, recurrent, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.006	Acute suppurative otitis media without spontaneous rupture of ear drum, recurrent, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.007	Acute suppurative otitis media without spontaneous rupture of ear drum, recurrent, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.009	Acute suppurative otitis media without spontaneous rupture of ear drum, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.01	Acute suppurative otitis media with spontaneous rupture of ear drum
Denominator - Otitis Media With Effusion	ICD10CM	H66.011	Acute suppurative otitis media with spontaneous rupture of ear drum, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.012	Acute suppurative otitis media with spontaneous rupture of ear drum, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.013	Acute suppurative otitis media with spontaneous rupture of ear drum, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.014	Acute suppurative otitis media with spontaneous rupture of ear drum, recurrent, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.015	Acute suppurative otitis media with spontaneous rupture of ear drum, recurrent, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.016	Acute suppurative otitis media with spontaneous rupture of ear drum, recurrent, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.017	Acute suppurative otitis media with spontaneous rupture of ear drum, recurrent, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.019	Acute suppurative otitis media with spontaneous rupture of ear drum, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.1	Chronic tubotympanic suppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H66.10	Chronic tubotympanic suppurative otitis media, unspecified
Denominator - Otitis Media With Effusion	ICD10CM	H66.11	Chronic tubotympanic suppurative otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.12	Chronic tubotympanic suppurative otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.13	Chronic tubotympanic suppurative otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.2	Chronic atticoantral suppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H66.20	Chronic atticoantral suppurative otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.21	Chronic atticoantral suppurative otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.22	Chronic atticoantral suppurative otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.23	Chronic atticoantral suppurative otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.3	Other chronic suppurative otitis media

Denominator - Otitis Media With Effusion	ICD10CM	H66.3X	Other chronic suppurative otitis media
Denominator - Otitis Media With Effusion	ICD10CM	H66.3X1	Other chronic suppurative otitis media, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.3X2	Other chronic suppurative otitis media, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.3X3	Other chronic suppurative otitis media, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.3X9	Other chronic suppurative otitis media, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.4	Suppurative otitis media, unspecified
Denominator - Otitis Media With Effusion	ICD10CM	H66.40	Suppurative otitis media, unspecified, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.41	Suppurative otitis media, unspecified, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.42	Suppurative otitis media, unspecified, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.43	Suppurative otitis media, unspecified, bilateral
Denominator - Otitis Media With Effusion	ICD10CM	H66.9	Otitis media, unspecified
Denominator - Otitis Media With Effusion	ICD10CM	H66.90	Otitis media, unspecified, unspecified ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.91	Otitis media, unspecified, right ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.92	Otitis media, unspecified, left ear
Denominator - Otitis Media With Effusion	ICD10CM	H66.93	Otitis media, unspecified, bilateral

Encounter Visit

Denominator – Place of Service	POS	2	The location where health services and health related services are provided or received, through a telecommunication system.
Denominator – Place of Service	POS	10	Telehealth Provided in Patient's Home

Tympanostomy Tube Insertion

Denominator - Tympanostomy	CPT	0583T	Tympanostomy (requiring insertion of ventilating tube), using an automated tube delivery system, iontophoresis local anesthesia
Denominator - Tympanostomy	ICD10PCS	092HX0Z	Change Drainage Device in Right Ear, External Approach
Denominator - Tympanostomy	ICD10PCS	092JX0Z	Change Drainage Device in Left Ear, External Approach
Denominator - Tympanostomy	ICD10PCS	099000Z	Drainage of Right External Ear with Drainage Device, Open Approach
Denominator - Tympanostomy	ICD10PCS	099030Z	Drainage of Right External Ear with Drainage Device, Percutaneous Approach
Denominator - Tympanostomy	ICD10PCS	099040Z	Drainage of Right External Ear with Drainage Device, Percutaneous Endoscopic Approach

Denominator - Tympanostomy	ICD10PCS	0990X0Z	Drainage of Right External Ear with Drainage Device, External Approach
Denominator - Tympanostomy	ICD10PCS	099100Z	Drainage of Left External Ear with Drainage Device, Open Approach
Denominator - Tympanostomy	ICD10PCS	099130Z	Drainage of Left External Ear with Drainage Device, Percutaneous Approach
Denominator - Tympanostomy	ICD10PCS	099140Z	Drainage of Left External Ear with Drainage Device, Percutaneous Endoscopic Approach
Denominator - Tympanostomy	ICD10PCS	0991X0Z	Drainage of Left External Ear with Drainage Device, External Approach
Denominator - Tympanostomy	ICD10PCS	099500Z	Drainage of Right Middle Ear with Drainage Device, Open Approach
Denominator - Tympanostomy	ICD10PCS	099570Z	Drainage of Right Middle Ear with Drainage Device, Via Natural or Artificial Opening
Denominator - Tympanostomy	ICD10PCS	099580Z	Drainage of Right Middle Ear with Drainage Device, Via Natural or Artificial Opening Endoscopic
Denominator - Tympanostomy	ICD10PCS	099600Z	Drainage of Left Middle Ear with Drainage Device, Open Approach
Denominator - Tympanostomy	ICD10PCS	099670Z	Drainage of Left Middle Ear with Drainage Device, Via Natural or Artificial Opening
Denominator - Tympanostomy	ICD10PCS	099680Z	Drainage of Left Middle Ear with Drainage Device, Via Natural or Artificial Opening Endoscopic
Denominator - Tympanostomy	ICD10PCS	099D00Z	Drainage of Right Inner Ear with Drainage Device, Open Approach
Denominator - Tympanostomy	ICD10PCS	099D70Z	Drainage of Right Inner Ear with Drainage Device, Via Natural or Artificial Opening
Denominator - Tympanostomy	ICD10PCS	099D80Z	Drainage of Right Inner Ear with Drainage Device, Via Natural or Artificial Opening Endoscopic
Denominator - Tympanostomy	ICD10PCS	099E00Z	Drainage of Left Inner Ear with Drainage Device, Open Approach
Denominator - Tympanostomy	ICD10PCS	099E70Z	Drainage of Left Inner Ear with Drainage Device, Via Natural or Artificial Opening
Denominator - Tympanostomy	ICD10PCS	099E80Z	Drainage of Left Inner Ear with Drainage Device, Via Natural or Artificial Opening Endoscopic
Denominator - Tympanostomy	ICD10PCS	09WH00Z	Revision of Drainage Device in Right Ear, Open Approach
Denominator - Tympanostomy	ICD10PCS	09WH30Z	Revision of Drainage Device in Right Ear, Percutaneous Approach
Denominator - Tympanostomy	ICD10PCS	09WH40Z	Revision of Drainage Device in Right Ear, Percutaneous Endoscopic Approach
Denominator - Tympanostomy	ICD10PCS	09WH70Z	Revision of Drainage Device in Right Ear, Via Natural or Artificial Opening
Denominator - Tympanostomy	ICD10PCS	09WH80Z	Revision of Drainage Device in Right Ear, Via Natural or Artificial Opening Endoscopic
Denominator - Tympanostomy	ICD10PCS	09WHX0Z	Revision of Drainage Device in Right Ear, External Approach
Denominator - Tympanostomy	ICD10PCS	09WJ00Z	Revision of Drainage Device in Left Ear, Open Approach
Denominator - Tympanostomy	ICD10PCS	09WJ30Z	Revision of Drainage Device in Left Ear, Percutaneous Approach
Denominator - Tympanostomy	ICD10PCS	09WJ40Z	Revision of Drainage Device in Left Ear, Percutaneous Endoscopic Approach

Denominator - Tympanostomy	ICD10PCS	09WJ70Z	Revision of Drainage Device in Left Ear, Via Natural or Artificial Opening
Denominator - Tympanostomy	ICD10PCS	09WJ80Z	Revision of Drainage Device in Left Ear, Via Natural or Artificial Opening Endoscopic
Denominator - Tympanostomy	ICD10PCS	09WJX0Z	Revision of Drainage Device in Left Ear, External Approach
Denominator - Tympanostomy	ICD10PCS	0H92X0Z	Drainage of Right Ear Skin with Drainage Device, External Approach
Denominator - Tympanostomy	ICD10PCS	0H93X0Z	Drainage of Left Ear Skin with Drainage Device, External Approach
Denominator - Tympanostomy	SNOMEDCT	247253001	Ventilation tube in tympanic membrane (finding)
Denominator - Tympanostomy	SNOMEDCT	284532000	Myringotomy and insertion of tympanic ventilation tube (procedure)
Denominator - Tympanostomy	SNOMEDCT	397862008	Tympanostomy (procedure)
Denominator - Tympanostomy	SNOMEDCT	416735007	Tympanic ventilation tube (Physical object)
Denominator - Tympanostomy	SNOMEDCT	429440003	Insertion of tympanic ventilation tube in tympanic membrane (procedure)
Denominator - Tympanostomy	SNOMEDCT	466109003	Tympanostomy tube, semi-permeable membrane (Physical Object)
Denominator - Tympanostomy	CPT	69433	Tympanostomy (requiring insertion of ventilating tube), local or topical anesthesia
Denominator - Tympanostomy	CPT	69433	Tympanostomy (requiring insertion of ventilating tube), local or topical anesthesia
Denominator - Tympanostomy	CPT	69436	Tympanostomy (requiring insertion of ventilating tube), general anesthesia
Denominator - Tympanostomy	CPT	69436	Tympanostomy (requiring insertion of ventilating tube), general anesthesia
Denominator - Tympanostomy	SNOMEDCT	69534008	Tympanostomy with general anesthesia (procedure)
Denominator - Tympanostomy Tube Insertion_TM	CPT	69433	Tympanostomy (requiring insertion of ventilating tube), local or topical anesthesia
Denominator - Tympanostomy Tube Insertion_TM	CPT	69433	Tympanostomy (requiring insertion of ventilating tube), local or topical anesthesia
Denominator - Tympanostomy Tube Insertion_TM	CPT	69433	Tympanostomy (requiring insertion of ventilating tube), local or topical anesthesia
Denominator - Tympanostomy Tube Insertion_TM	CPT	69436	Tympanostomy (requiring insertion of ventilating tube), general anesthesia
Denominator - Tympanostomy Tube Insertion_TM	CPT	69436	Tympanostomy (requiring insertion of ventilating tube), general anesthesia
Denominator - Tympanostomy Tube Insertion_TM	CPT	69436	Tympanostomy (requiring insertion of ventilating tube), general anesthesia