

ICD-10 Codes Used to Define Otitis Media

ICD-10 Code	Description	Observed in study sample
H65.00	Acute serous otitis media, unspecified ear	
H65.01	Acute serous otitis media, right ear	X
H65.02	Acute serous otitis media, left ear	X
H65.03	Acute serous otitis media, bilateral	X
H65.04	Acute serous otitis media, recurrent, right ear	
H65.06	Acute serous otitis media, recurrent, bilateral	X
H65.111	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous) right ear	
H65.112	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous) left ear	
H65.113	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous) bilateral	X
H65.119	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous) unspecified ear	
H65.191	Other acute nonsuppurative otitis media, right ear	X
H65.192	Other acute nonsuppurative otitis media, left ear	X
H65.193	Other acute nonsuppurative otitis media, bilateral	
H65.194	Other acute nonsuppurative otitis media, recurrent, right ear	
H65.195	Other acute nonsuppurative otitis media, recurrent, left ear	
H65.196	Other acute nonsuppurative otitis media, recurrent, bilateral	X
H65.197	Other acute nonsuppurative otitis media recurrent, unspecified ear	X
H65.199	Other acute nonsuppurative otitis media, unspecified ear	
H65.20	Chronic serous otitis media, unspecified ear	
H65.21	Chronic serous otitis media, right ear	X
H65.22	Chronic serous otitis media, left ear	X
H65.23	Chronic serous otitis media, bilateral	X
H65.30	Chronic mucoid otitis media, unspecified ear	
H65.31	Chronic mucoid otitis media, right ear	
H65.32	Chronic mucoid otitis media, left ear	
H65.33	Chronic mucoid otitis media, bilateral	
H65.411	Chronic allergic otitis media, right ear	
H65.491	Other chronic nonsuppurative otitis media, right ear	
H65.492	Other chronic nonsuppurative otitis media, left ear	
H65.493	Other chronic nonsuppurative otitis media, bilateral	
H65.499	Other chronic nonsuppurative otitis media, unspecified ear	
H65.90	Unspecified nonsuppurative otitis media, unspecified ear	
H65.91	Unspecified nonsuppurative otitis media, right ear	X
H65.92	Unspecified nonsuppurative otitis media, left ear	X
H65.93	Unspecified nonsuppurative otitis media, bilateral	X
H66.001	Acute suppurative otitis media without spontaneous rupture of ear drum right ear	X

H66.002	Acute suppurative otitis media without spontaneous rupture of ear c left ear	X
H66.003	Acute suppurative otitis media without spontaneous rupture of ear c bilateral	X
H66.004	Acute suppurative otitis media without spontaneous rupture of ear c recurrent, right ear	
H66.005	Acute suppurative otitis media without spontaneous rupture of ear c recurrent, left ear	
H66.006	Acute suppurative otitis media without spontaneous rupture of ear c recurrent, bilateral	X
H66.009	Acute suppurative otitis media without spontaneous rupture of ear c unspecified ear	X
H66.011	Acute suppurative otitis media with spontaneous rupture of ear dru ear	X
H66.012	Acute suppurative otitis media with spontaneous rupture of ear dru ear	X
H66.013	Acute suppurative otitis media with spontaneous rupture of ear dru bilateral	X
H66.016	Acute suppurative otitis media with spontaneous rupture of ear dru recurrent, bilateral	X
H66.019	Acute suppurative otitis media with spontaneous rupture of ear dru unspecified ear	
H66.22	Chronic atticoantral suppurative otitis media, left ear	
H66.23	Chronic atticoantral suppurative otitis media, bilateral	
H66.3X1	Other chronic suppurative otitis media, right ear	
H66.3X2	Other chronic suppurative otitis media, left ear	
H66.3X3	Other chronic suppurative otitis media, bilateral	
H66.3X9	Other chronic suppurative otitis media, unspecified ear	
H66.40	Suppurative otitis media, unspecified, unspecified ear	X
H66.41	Suppurative otitis media, unspecified, right ear	
H66.42	Suppurative otitis media, unspecified, left ear	
H66.43	Suppurative otitis media, unspecified, bilateral	X
H66.90	Otitis media, unspecified, unspecified ear	X
H66.91	Otitis media, unspecified, right ear	X
H66.92	Otitis media, unspecified, left ear	X
H66.93	Otitis media, unspecified, bilateral	X

ICD-10 otitis media and sequelae codes.

ICD-10 Code	Description	Observed in stud sample
H65.00	Acute serous otitis media, unspecified ear	X
H65.01	Acute serous otitis media, right ear	X
H65.02	Acute serous otitis media, left ear	X
H65.03	Acute serous otitis media, bilateral	X
H65.04	Acute serous otitis media, recurrent, right ear	
H65.06	Acute serous otitis media, recurrent, bilateral	X

H65.111	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous), right ear	X
H65.112	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous), left ear	
H65.113	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous), bilateral	
H65.119	Acute and subacute allergic otitis media (mucoid) (sanguineous) (serous), unspecified ear	
H65.191	Other acute nonsuppurative otitis media, right ear	X
H65.192	Other acute nonsuppurative otitis media, left ear	X
H65.193	Other acute nonsuppurative otitis media, bilateral	
H65.194	Other acute nonsuppurative otitis media, recurrent, right ear	
H65.195	Other acute nonsuppurative otitis media, recurrent, left ear	
H65.196	Other acute nonsuppurative otitis media, recurrent, bilateral	X
H65.197	Other acute nonsuppurative otitis media recurrent, unspecified ear	X
H65.199	Other acute nonsuppurative otitis media, unspecified ear	
H65.20	Chronic serous otitis media, unspecified ear	
H65.21	Chronic serous otitis media, right ear	X
H65.22	Chronic serous otitis media, left ear	X
H65.23	Chronic serous otitis media, bilateral	X
H65.30	Chronic mucoid otitis media, unspecified ear	
H65.31	Chronic mucoid otitis media, right ear	
H65.32	Chronic mucoid otitis media, left ear	
H65.33	Chronic mucoid otitis media, bilateral	
H65.411	Chronic allergic otitis media, right ear	
H65.491	Other chronic nonsuppurative otitis media, right ear	
H65.492	Other chronic nonsuppurative otitis media, left ear	
H65.493	Other chronic nonsuppurative otitis media, bilateral	
H65.499	Other chronic nonsuppurative otitis media, unspecified ear	
H65.90	Unspecified nonsuppurative otitis media, unspecified ear	
H65.91	Unspecified nonsuppurative otitis media, right ear	X
H65.92	Unspecified nonsuppurative otitis media, left ear	X
H65.93	Unspecified nonsuppurative otitis media, bilateral	X
H66.001	Acute suppurative otitis media without spontaneous rupture of ear drum, right ear	X
H66.002	Acute suppurative otitis media without spontaneous rupture of ear drum, left ear	X
H66.003	Acute suppurative otitis media without spontaneous rupture of ear drum, bilateral	X
H66.004	Acute suppurative otitis media without spontaneous rupture of ear drum, recurrent, right ear	
H66.005	Acute suppurative otitis media without spontaneous rupture of ear drum, recurrent, left ear	
H66.006	Acute suppurative otitis media without spontaneous rupture of ear drum, recurrent, bilateral	X
H66.009	Acute suppurative otitis media without spontaneous rupture of ear drum, unspecified ear	X
H66.011	Acute suppurative otitis media with spontaneous rupture of ear drum, right ear	X

H66.012	Acute suppurative otitis media with spontaneous rupture of ear drum, left ear	X
H66.013	Acute suppurative otitis media with spontaneous rupture of ear drum, bilateral	X
H66.016	Acute suppurative otitis media with spontaneous rupture of ear drum, recurrent	
H66.019	Acute suppurative otitis media with spontaneous rupture of ear drum, unspecified ear	
H66.22	Chronic atticoantral suppurative otitis media, left ear	
H66.23	Chronic atticoantral suppurative otitis media, bilateral	
H66.3X1	Other chronic suppurative otitis media, right ear	
H66.3X2	Other chronic suppurative otitis media, left ear	
H66.3X3	Other chronic suppurative otitis media, bilateral	
H66.3X9	Other chronic suppurative otitis media, unspecified ear	
H66.40	Suppurative otitis media, unspecified, unspecified ear	X
H66.41	Suppurative otitis media, unspecified, right ear	
H66.42	Suppurative otitis media, unspecified, left ear	
H66.43	Suppurative otitis media, unspecified, bilateral	X
H66.90	Otitis media, unspecified, unspecified ear	X
H66.91	Otitis media, unspecified, right ear	X
H66.92	Otitis media, unspecified, left ear	X
H66.93	Otitis media, unspecified, bilateral	X
H68.003	Unspecified Eustachian salpingitis, bilateral	
H68.012	Acute Eustachian salpingitis, left ear	
H68.013	Acute Eustachian salpingitis, bilateral	
H68.021	Chronic Eustachian salpingitis, right ear	
H68.022	Chronic Eustachian salpingitis, left ear	
H68.023	Chronic Eustachian salpingitis, bilateral	X
H68.101	Unspecified obstruction of Eustachian tube, right ear	
H68.102	Unspecified obstruction of Eustachian tube, left ear	
H68.103	Unspecified obstruction of Eustachian tube, bilateral	
H68.109	Unspecified obstruction of Eustachian tube, unspecified ear	
H68.123	Intrinsic cartilaginous obstruction of Eustachian tube, bilateral	
H68.133	Extrinsic cartilaginous obstruction of Eustachian tube, bilateral	
H69.03	Patulous Eustachian tube, bilateral	
H69.80	Other specified disorders of Eustachian tube, unspecified ear	X
H69.81	Other specified disorders of Eustachian tube, right ear	
H69.82	Other specified disorders of Eustachian tube, left ear	X
H69.83	Other specified disorders of Eustachian tube, bilateral	X
H69.90	Unspecified Eustachian tube disorder, unspecified ear	
H69.91	Unspecified Eustachian tube disorder, right ear	
H69.92	Unspecified Eustachian tube disorder, left ear	
H69.93	Unspecified Eustachian tube disorder, bilateral	

H70.009	Acute mastoiditis without complications, unspecified ear	
H70.11	Chronic mastoiditis, right ear	
H70.12	Chronic mastoiditis, left ear	
H70.891	Other mastoiditis and related conditions, right ear	
H70.90	Unspecified mastoiditis, unspecified ear	
H70.92	Unspecified mastoiditis, left ear	
H71.01	Cholesteatoma of attic, right ear	
H71.02	Cholesteatoma of attic, left ear	
H71.11	Cholesteatoma of tympanum, right ear	
H71.12	Cholesteatoma of tympanum, left ear	
H71.13	Cholesteatoma of tympanum, bilateral	
H71.21	Cholesteatoma of mastoid, right ear	
H71.32	Diffuse cholesteatosis, left ear	
H71.90	Unspecified cholesteatoma, unspecified ear	
H71.91	Unspecified cholesteatoma, right ear	
H71.92	Unspecified cholesteatoma, left ear	
H72.00	Central perforation of tympanic membrane, unspecified ear	
H72.01	Central perforation of tympanic membrane, right ear	X
H72.02	Central perforation of tympanic membrane, left ear	
H72.03	Central perforation of tympanic membrane, bilateral	X
H72.11	Attic perforation of tympanic membrane, right ear	
H72.12	Attic perforation of tympanic membrane, left ear	
H72.13	Attic perforation of tympanic membrane, bilateral	
H72.2X1	Other marginal perforations of tympanic membrane, right ear	
H72.2X2	Other marginal perforations of tympanic membrane, left ear	
H72.813	Multiple perforations of tympanic membrane, bilateral	
H72.90	Unspecified perforation of tympanic membrane, unspecified ear	
H72.91	Unspecified perforation of tympanic membrane, right ear	X
H72.92	Unspecified perforation of tympanic membrane, left ear	X
H72.93	Unspecified perforation of tympanic membrane, bilateral	X
H73.001	Acute myringitis, right ear	
H73.002	Acute myringitis, left ear	X
H73.003	Acute myringitis, bilateral	X
H73.009	Acute myringitis, unspecified ear	
H73.011	Bullous myringitis, right ear	
H73.012	Bullous myringitis, left ear	
H73.091	Other acute myringitis, right ear	
H73.10	Chronic myringitis, unspecified ear	
H73.11	Chronic myringitis, right ear	X
H73.12	Chronic myringitis, left ear	

H73.13	Chronic myringitis, bilateral	
H73.20	Unspecified myringitis, unspecified ear	
H73.21	Unspecified myringitis, right ear	
H73.22	Unspecified myringitis, left ear	
H73.23	Unspecified myringitis, bilateral	
H73.812	Atrophic flaccid tympanic membrane, left ear	
H73.821	Atrophic nonflaccid tympanic membrane, right ear	
H73.822	Atrophic nonflaccid tympanic membrane, left ear	
H73.823	Atrophic nonflaccid tympanic membrane, bilateral	
H73.891	Other specified disorders of tympanic membrane, right ear	
H73.892	Other specified disorders of tympanic membrane, left ear	
H73.893	Other specified disorders of tympanic membrane, bilateral	X
H73.899	Other specified disorders of tympanic membrane, unspecified ear	
H73.90	Unspecified disorder of tympanic membrane, unspecified ear	
H73.91	Unspecified disorder of tympanic membrane, right ear	
H73.92	Unspecified disorder of tympanic membrane, left ear	
H73.93	Unspecified disorder of tympanic membrane, bilateral	
H74.01	Tympanosclerosis, right ear	
H74.03	Tympanosclerosis, bilateral	
H74.41	Polyp of right middle ear	
H74.8X1	Other specified disorders of right middle ear and mastoid	
H74.8X2	Other specified disorders of left middle ear and mastoid	
H74.90	Unspecified disorder of middle ear and mastoid, unspecified ear	
H74.92	Unspecified disorder of left middle ear and mastoid	
H90.0	Conductive hearing loss, bilateral	X
H90.11	Conductive hearing loss, unilateral, right ear, with unrestricted hearing on contralateral side	
H90.12	Conductive hearing loss, unilateral, left ear, with unrestricted hearing on the contralateral side	
H90.2	Conductive hearing loss, unspecified	X
H90.3	Sensorineural hearing loss, bilateral	
H90.41	Sensorineural hearing loss, unilateral, right ear, with unrestricted hearing on contralateral side	
H90.42	Sensorineural hearing loss, unilateral, left ear, with unrestricted hearing on contralateral side	
H90.5	Unspecified sensorineural hearing loss	
H90.6	Mixed conductive and sensorineural hearing loss, bilateral	
H90.71	Mixed conductive and sensorineural hearing loss, unilateral, right ear, with unrestricted hearing on the contralateral side	
H90.72	Mixed conductive and sensorineural hearing loss, unilateral, left ear, with unrestricted hearing on the contralateral side	
H90.8	Mixed conductive and sensorineural hearing loss, unspecified	
H90.A11	Conductive hearing loss, unilateral, right ear with restricted hearing on the contralateral side	

H90.A12	Conductive hearing loss, unilateral, left ear with restricted hearing on the contralateral side	
H90.A31	Mixed conductive and sensorineural hearing loss, unilateral, right ear with restricted hearing on the contralateral side	
H90.A32	Mixed conductive and sensorineural hearing loss, unilateral, left ear with restricted hearing on the contralateral side	
H92.01	Otalgia, right ear	X
H92.02	Otalgia, left ear	X
H92.03	Otalgia, bilateral	X
H92.09	Otalgia, unspecified ear	X
H92.10	Otorrhea, unspecified ear	
H92.11	Otorrhea, right ear	X
H92.12	Otorrhea, left ear	X
H92.13	Otorrhea, bilateral	X
H92.20	Otorrhagia, unspecified ear	
H92.21	Otorrhagia, right ear	X
H92.22	Otorrhagia, left ear	
H92.23	Otorrhagia, bilateral	
Z01.11	Encounter for examination of ears and hearing with abnormal findings	X
Z01.110	Encounter for hearing examination following failed hearing screening	
Z01.118	Encounter for examination of ears and hearing with other abnormal findings	
Z01.12	Encounter for hearing conservation and treatment	

References

1. von Elm E, Altman DG, Egger M, Pocock SJ, Gøtzsche PC, Vandenbroucke JP. The Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) Statement: Guidelines for Reporting Observational Studies. *Epidemiology*. 2007;18(6):800-804.