



TOXIC VESTIBULOPATHY

RMA ID Number	Reference List for RMA445-1 as at October 2020
---------------	--

TBA	Agency for Toxic Substances and Disease Registry (1999) Toxicological Profile for Mercury, Health Effects, p 128. Retrieved 19 May 2020, from https://www.atsdr.cdc.gov/toxprofiles/tp46-c2.pdf
95923	Agency for Toxic Substances and Disease Registry (2010). Toxicological profile for styrene, health effects. 65-66. Retrieved 19 May 2020, from https://www.atsdr.cdc.gov/toxprofiles/tp53-c3.pdf
95924	Agency for Toxic Substances and Disease Registry (2010). Toxicological profile for styrene, Public Health Statement. Retrieved 19 May 2020, from https://www.atsdr.cdc.gov/PHS/PHS.asp?id=419&tid=74
95926	Agency for Toxic Substances and Disease Registry (2019). Toxicological profile for trichloroethylene, relevance to public health. 10-11. Retrieved 19 May 2020, from https://www.atsdr.cdc.gov/ToxProfiles/tp19-c2.pdf
95927	Agency for Toxic Substances and Disease Registry (2019). Toxicological profile for trichloroethylene, health effects. 63. Retrieved 19 May 2020, from https://www.atsdr.cdc.gov/ToxProfiles/tp19-c2.pdf
95817	Ahmed RM, Hannigan IP, MacDougall HG, et al (2012). Gentamicin ototoxicity: a 23-year selected case series of 103 patients. Med J Aust, 196(11): 701-4.
96866	Arbusow V, Strupp M, Brandt T (1998). Amiodarone-induced severe prolonged head-positional vertigo and vomiting. Neurology, 51(3): 917.
96024	Australian Medicines Handbook (2020). Mefloquine. Retrieved 25 May 2020, from https://amhonline.amh.net.au/chapters/anti-infectives/antiprotozoals/antimalarials/mefloquine
96028	Barrocas AM, Cymet T (2007). Cinchonism in a patient taking Quinine for leg cramps. Compr Ther, 33(3): 162-3.
58526	Bortoli R, Santiago M (2007). Chloroquine ototoxicity. Clin Rheumatol, 26(11): 1809-10.
75192	Carrara VI, Phy AP, Nwee P, et al (2008). Auditory assessment of patients with acute uncomplicated Plasmodium falciparum malaria treated with three-day mefloquine-artesunate on the north-western border of Thailand. Malar J, 7: 233.
62328	Cianfrone G, Pentangelo D, Cianfrone F, et al (2011). Pharmacological drugs inducing ototoxicity, vestibular symptoms and tinnitus: a reasoned and updated guide. Eur Rev Med Pharmacol Sci, 15(6): 601-36.
95855	Cohen IS, Jick H, Cohen SI (1977). Adverse reactions to quinidine in hospitalized patients: findings based on data from the Boston Collaborative Drug Surveillance Program. Prog Cardiovasc Dis, 20(2): 151-63.
96864	Cott RA, Estrada JC, Lowenthal DT (2001). An uncommon cause of unsteady gait in an elderly gentleman. Int Urol Nephrol, 33(4): 687-9.

77977	Dow G, Bauman R, Caridha D, et al (2006). Mefloquine induces dose-related neurological effects in a rat model. <i>Antimicrob Agents Chemother</i> , 50(3): 1045-53.
81389	Eick-Cost A, Hu Z, Rohrbeck P, et al (2017). Neuropsychiatric outcomes after mefloquine exposure among U.S. military service members. <i>Am J Trop Med Hyg</i> , 96(1): 159-66.
94599	Fife TD, Robb MJ, Steenerson KK, et al (2018). Bilateral vestibular dysfunction associated with chronic exposure to military jet propellant type-eight jet fuel. <i>Front Neurol</i> , 9: 351.
95832	Fischer CS, Bayer O, Strupp M (2014). Transient bilateral vestibular dysfunction caused by intoxication with low doses of styrene. <i>Eur Arch Otorhinolaryngol</i> , 271(3): 619-23.
95854	Fuente A, Hickson L, Morata TC, et al (2019). Jet fuel exposure and auditory outcomes in Australian air force personnel. <i>BMC Public Health</i> , 19(1): 675.
TBA	Furman JM, Barton JJ (2015). Evaluation of the patient with vertigo. Retrieved on 27 February 2020, from https://www.uptodate.com/contents/evaluation-of-the-patient-with-vertigo?search=vestibulotoxicity&source=search_result&selectedTitle=2~2&usage_type=default&display_rank=2
96132	Galappaththy GN, Omari AA, Tharyan P (2007). Primaquine for preventing relapses in people with Plasmodium vivax malaria. <i>Cochrane Database Syst Rev</i> , 1: CD004389.
TBA	Glover JC (2004). Vestibular system. <i>Encyclopedia of Neuroscience</i> . 127-32. Academic Press [Abstract]
95813	Gurkov R, Manzari L, Blodow A, et al (2018). Amiodarone-associated bilateral vestibulopathy. <i>Eur Arch Otorhinolaryngol</i> , 275(3): 823-5.
88919	Hamed SA (2017). The auditory and vestibular toxicities induced by antiepileptic drugs. <i>Expert Opin Drug Saf</i> , 16(11): 1281-94.
96202	Hamed SA, Tohamy AM, Oseilly AM (2017). Vestibular function in adults with epilepsy of unknown etiology. <i>Otol Neurotol</i> , 38(8): 1217-24.
TBA	Hamzavi J, Schmetterer L, Formanek M (2002). Vestibular symptoms as a complication of sildenafil: a case report. <i>Wien Klin Wochenschr</i> , 114(1-2): 54-5.
96858	Handelsman JA (2018). Vestibulotoxicity: Strategies for clinical diagnosis and rehabilitation. <i>Int J Audiol</i> , 57(sup4): S99-107.
95820	Hertel S, Schwaninger M, Helmchen C (2013). Combined toxicity of penicillin and aspirin therapy may elicit bilateral vestibulopathy. <i>Clin Neurol Neurosurg</i> , 115(7): 1114-6.
TBA	Hill K, Murray K, Waterston J (2009). Vestibular dysfunction. Headache, Orofacial Pain and Bruxism. Chapter 12. 139-52. Elsevier Saunders, Philadelphia.
58474	Hoet P, Lison D (2008). Ototoxicity of toluene and styrene: state of current knowledge. <i>Crit Rev Toxicol</i> , 38(2): 127-70.
96079	Hsu PC, Cheng PW, Young YH (2015). Ototoxicity from organic solvents assessed by an inner ear test battery. <i>J Vestib Res</i> , 25(3-4): 177-83.
95859	Ishiyama A, Ishiyama G, Baloh RW, et al (2001). Heroin-induced reversible profound deafness and vestibular dysfunction. <i>Addiction</i> , 96(9): 1363-4.
95828	Jourde-Chiche N, Mancini J, Dagher N, et al (2012). Antimalarial ototoxicity: an underdiagnosed complication? A study of spontaneous reports to the French Pharmacovigilance Network. <i>Ann Rheum Dis</i> , 71(9): 1586.
96862	Kapa S, Nagel JJ, Jahangir A, et al (2010). Reversible vestibular dysfunction secondary to sotalol use. <i>J Interv Card Electrophysiol</i> , 27(1): 17-21.

95816	Kaufman AC, Eliades SJ (2019). Vestibulotoxicity in a patient without renal failure after inhaled tobramycin. <i>Am J Otolaryngol</i> , 40(3): 456-8.
88928	Lai P, Coulson C, Pothier DD, et al (2011). Chlorhexidine ototoxicity in ear surgery, Part 1: Review of the literature. <i>J Otolaryngol Head Neck Surg</i> , 40(6): 437-40.
90942	Lanvers-Kaminsky C, Zehnhoff-Dinnesen AA, Parfitt R, et al (2017). Drug-induced ototoxicity: mechanisms, pharmacogenetics, and protective strategies. <i>Clin Pharmacol Ther</i> , 101(4): 491-500.
81215	Lee SJ, Ter Kuile FO, Price RN, et al (2017). Adverse effects of mefloquine for the treatment of uncomplicated malaria in Thailand: A pooled analysis of 19, 850 individual patients. <i>PLoS One</i> , 12(2): e0168780.
96860	Lee SU, Jung IE, Kim HJ, et al (2016). Metronidazole-induced combined peripheral and central vestibulopathy. <i>J Neurol Sci</i> , 365: 31-3.
95858	Lehnen N, Heuser F, Saglam M, et al (2015). Opioid-induced nausea involves a vestibular problem preventable by head-rest. <i>PLoS One</i> , 10(8): e0135263.
96857	Lemasson J, Cuzzubbo S, Doucet L, et al (2019). Cochleovestibular toxicity induced by immune checkpoint inhibition: A case series. <i>Eur J Cancer</i> , 117: 116-8.
96385	Liu W, Antonelli PJ, Dahm P, et al (2018). Risk of sudden sensorineural hearing loss in adults using phosphodiesterase type 5 inhibitors: Population-based cohort study. <i>Pharmacoepidemiol Drug Saf</i> , 27(6): 587-95.
80812	Livezey J, Oliver T, Cantilena L (2016). Prolonged neuropsychiatric symptoms in a military service member exposed to mefloquine. <i>Drug Saf Case Rep</i> , 3(1): 7.
76985	Lobel HO, Coyne PE, Rosenthal PJ (1998). Drug overdoses with antimalarial agents: prescribing and dispensing errors. <i>JAMA</i> , 280(17): 1483.
56578	Long RJ, Charles RA (2018). Aviation fuel exposure resulting in otitis externa with vertigo. <i>Aerospace Med Hum Perform</i> , 89(7): 661-3.
15871	Lysack JT, Lysack CL, Kvern BL (1998). A severe adverse reaction to mefloquine and chloroquine prophylaxis. <i>Aust Fam Physician</i> , 27(12): 1119-20.
95856	Macfadyen CA, Acuin JM, Gamble C (2006). Systemic antibiotics versus topical treatments for chronically discharging ears with underlying eardrum perforations. <i>Cochrane Database Syst Rev</i> , 1: CD005608.
95871	Maheu M, Champoux F, Fuente A (2020). Acute vertigo in a patient with long-term organic solvent exposure: Importance of a comprehensive audio-vestibular test battery. <i>J Am Acad Audiol</i> , 31(5): 363-8.
96384	Manna S, Gray ML, Kaul VF, et al (2019). Phosphodiesterase-5 (PDE-5) inhibitors and ototoxicity: A systematic review. <i>Otol Neurotol</i> , 40(3): 276-83.
96865	Marais J, Rutka JA (1998). Ototoxicity and topical eardrops. <i>Clin Otolaryngol Allied Sci</i> , 23(4): 360-7.
96201	Mathog RH (1977). Vestibulotoxicity of ethacrynic acid. <i>Laryngoscope</i> , 87(11): 1791-808.
76652	Mawson A (2013). Mefloquine use, psychosis, and violence: a retinoid toxicity hypothesis. <i>Med Sci Monit</i> , 19: 579-83.
96793	Micromedex (2020). Gentamicin, Dosing/administration. Retrieved 23 June 2020, from https://www.micromedexsolutions.com/micromedex2/librarian/PFDefaultActionId/evidenceexpert.DolIntegratedSearch?navitem=topHome&isToolPage=true#
81517	Milatovic D, Jenkins JW, Hood JE, et al (2011). Mefloquine neurotoxicity is mediated by non-receptor tyrosine kinase. <i>Neurotoxicology</i> , 32(5): 578-85.

96430	Mozeika AM, Ruck BE, Nelson LS, et al (2020). Opioid-associated hearing loss: A 20-year review from the New Jersey Poison Center. <i>J Med Toxicol</i> , Online ahead of print.
95825	Mudd PA (2019). Ototoxicity: Antineoplastic agents. Retrieved 12 May 2020, from https://emedicine.medscape.com/article/857679-overview#a5
95824	Mudd PA (2019). Ototoxicity: Loop diuretics. Retrieved 12 May 2020, from https://emedicine.medscape.com/article/857679-overview#a4
95823	Mudd PA (2019). Ototoxicity: Overview. Retrieved 12 May 2020, from https://emedicine.medscape.com/article/857679-overview
95827	Mudd PA (2019). Ototoxicity: Quinine. Retrieved 12 May 2020, from https://emedicine.medscape.com/article/857679-overview#a7
95826	Mudd PA (2019). Ototoxicity: Salicylates. Retrieved 12 May 2020, from https://emedicine.medscape.com/article/857679-overview#a6
80392	Murdin L, Schilder AG (2014). Epidemiology of balance symptoms and disorders in the community: a systematic review. <i>Otol Neurotol</i> , 36(3): 387-92.
95834	Musiek FE, Hanlon DP (1999). Neuroaudiological effects in a case of fatal dimethylmercury poisoning. <i>Ear Hear</i> , 20(3): 271-5.
77907	Nasveld PE, Edstein MD, Reid M, et al (2010). Randomized, double-blind study of the safety, tolerability, and efficacy of tafenoquine versus mefloquine for malaria prophylaxis in nonimmune subjects. <i>Antimicrob Agents Chemother</i> , 54(2): 792-8.
75201	Nevin RL (2012). Limbic encephalopathy and central vestibulopathy caused by mefloquine: a case report. <i>Travel Med Infect Dis</i> , 10(3): 144-51.
95833	No authors listed (2015). Drug-induced true vertigo and balance disorders. <i>Prescrire Int</i> , 24(156): 18.
90723	Oishi N, Inoue Y, Saito H, et al (2010). Burow's solution-induced acute sensorineural hearing loss: report of two cases. <i>Auris Nasus Larynx</i> , 37(3): 369-72.
96023	Oun R, Moussa YE, Wheate NJ (2018). The side effects of platinum-based chemotherapy drugs: a review for chemists. <i>Dalton Trans</i> , 47(19): 6645-53.
96022	Prayuenyong P, Taylor JA, Pearson SE, et al (2018). Vestibulotoxicity associated with platinum-based chemotherapy in survivors of cancer: A scoping review. <i>Front Oncol</i> , 8: 363.
76939	Quinn JC (2015). Complex membrane channel blockade: a unifying hypothesis for the prodromal and acute neuropsychiatric sequelae resulting from exposure to the antimalarial drug mefloquine. <i>J Parasitol Res</i> , 2015: 368064.
57838	Rey-Martinez J, Rama-Lopez J, Soledad Boleas M, et al (2005). A report of two cases of unilateral vestibulopathie after systemic ototoxic treatment. <i>Rev Laryngol Otol Rhinol (Bord)</i> , 126(3): 159-63.
75202	Ringqvist A, Bech P, Glenthøj B, et al (2015). Acute and long-term psychiatric side effects of mefloquine: a follow-up on Danish adverse event reports. <i>Travel Med Infect Dis</i> , 13(1): 80-8.
31436	Ritchie G, Still K, Rossi J 3rd, et al (2003). Biological and health effects of exposure to kerosene-based jet fuels and performance additives. <i>J Toxicol Environ Health B Crit Rev</i> , 6(4): 357-451.
94716	Rutka J (2019). Aminoglycoside vestibulotoxicity. <i>Adv Otorhinolaryngol</i> , 82: 101-10.
94600	Sanchez-Sellero I, Soto-Varela A (2016). Instability due to drug-induced vestibulotoxicity. <i>J Int Adv Otol</i> , 12(2): 202-7.
94601	Scheenstra RJ, Rijntjes E, Tavy DL, et al (2009). Vestibulotoxicity as a consequence of systemically administered tobramycin in cystic fibrosis patients. <i>Acta Otolaryngol</i> , 129(1): 4-7.

95857	Sedo-Cabezon L, Boadas-Vaello P, Soler-Martin C, et al (2014). Vestibular damage in chronic ototoxicity: a mini-review. <i>Neurotoxicology</i> , 43: 21-7.
95818	Sepcic J, Bucuk M, Perkovic O, et al (2010). Drug-induced aseptic meningitis, sensorineural hearing loss and vestibulopathy. <i>Coll Antropol</i> , 34(3): 1101-4.
80814	Shin JH, Park SJ, Jo YK, et al (2012). Suppression of autophagy exacerbates Mefloquine-mediated cell death. <i>Neurosci Lett</i> , 515(2): 162-7.
93412	Singh S, Blakley B (2018). Systematic review of ototoxic pre-surgical antiseptic preparations - what is the evidence? <i>J Otolaryngol Head Neck Surg</i> , 47(1): 18.
95815	Smyth D, Mossman S, Weatherall M, et al (2019). Gentamicin vestibulotoxicity with modern systemic dosing regimens: a prospective study using video-oculography. <i>Acta Otolaryngol</i> , 139(9): 759-68.
95821	Soto E, Vega R (2010). Neuropharmacology of vestibular system disorders. <i>Curr Neuropharmacol</i> , 8(1): 26-40.
95819	Strupp M, Jahn K, Brandt T (2003). Another adverse effect of aspirin: bilateral vestibulopathy. <i>J Neurol Neurosurg Psychiatry</i> , 74(5): 691.
95814	Strupp M, Kim JS, Murofushi T, et al (2017). Bilateral vestibulopathy: Diagnostic criteria consensus document of the Classification Committee of the Barany Society. <i>J Vestib Res</i> , 27(4): 177-89.
30764	Sulkowski WJ, Kowalska S, Matyja W, et al (2002). Effects of occupational exposure to a mixture of solvents on the inner ear: a field study. <i>Int J Occup Med Environ Health</i> , 15(3): 247-56.
95830	Toppila E, Forsman P, Pyykko I, et al (2006). Effect of styrene on postural stability among reinforced plastic boat plant workers in Finland. <i>J Occup Environ Med</i> , 48(2): 175-80.
77979	U.S. Food and Drug Administration (FDA) (2013). FDA Drug Safety Communication: FDA approves label changes for antimalarial drug mefloquine hydrochloride due to risk of serious psychiatric and nerve side effects. Retrieved 15 April 2016, from http://www.fda.gov/drugs/drugsafety/icm362227.htm
96859	Vasconcelos KA, Frota SM, Ruffino-Netto A, et al (2017). The importance of audiometric monitoring in patients with multidrug-resistant tuberculosis. <i>Rev Soc Bras Med Trop</i> , 50(5): 646-51.
95812	Haybach PJ (no date). Ototoxicity: What is ototoxicity? Retrieved 11 May 2020, from https://vestibular.org/ototoxicity
77259	Wells TS, Smith TC, Smith B (2006). Mefloquine use and hospitalizations among US service members, 2002-2004. <i>Am J Trop Med Hyg</i> , 74(5): 744-9.
95829	Wu S, Zhang Y, Sun F, et al (2016). Adverse events associated with the treatment of multidrug-resistant tuberculosis: A systematic review and meta-analysis. <i>Am J Ther</i> , 23(2): e521-30.
94602	Wu X, Cai J, Li X, et al (2017). Allicin protects against cisplatin-induced vestibular dysfunction by inhibiting the apoptotic pathway. <i>Eur J Pharmacol</i> , 805: 108-17.
80804	Yu D, Ding D, Jiang H, et al (2011). Mefloquine damage vestibular hair cells in organotypic cultures. <i>Neurotox Res</i> , 20(1): 51-8.
96861	Zamyslawska-Szmytke E, Politanski P, Sliwinska-Kowalska M (2011). Balance system assessment in workers exposed to organic solvent mixture. <i>J Occup Environ Med</i> , 53(4): 441-7.
95831	Zamyslawska-Szmytke E, Sliwinska-Kowalska M (2011). Vestibular and balance findings in nonsymptomatic workers exposed to styrene and dichloromethane. <i>Int J Audiol</i> , 50(11): 815-22.
96863	Zingler VC, Weintz E, Jahn K, et al (2008). Follow-up of vestibular function in bilateral vestibulopathy. <i>J Neurol Neurosurg Psychiatry</i> , 79(3): 284-8.