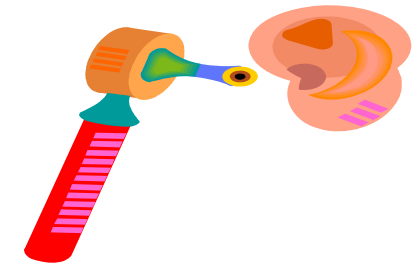


Brand	Name	Indications	Ototoxicity
Amikin Pediatric	Amikacin sulfate	aminoglycoside antibiotic	Ototoxicity: auditory & vestibular
Abilify, Abilify Discmelt	Aripiprazole	bipolar, Schizophrenia	tinnitus
Ecotrin, Bayer, Ascriptin, Aspergum, Aspirin, Easprin, Ecpirin, Entercote	Aspirin	general pain, fever, rheumatoid arthritis	tinnitus
AzaSite, Zithromax, Zmax	Azithromycin	antibiotic	Ototoxicity, tinnitus
Bumex	Bumetanide	edema management, hypertension	Ototoxicity (with rapid I.V. administration)
Zyrtec, Children's Allergy	Certirizine	perennial & seasonal allergy relief	Tinnitus, ototoxicity, earaches (<2%)
Platinol-AQ	Cisplatin	cancer treatment for pediatrics	Ototoxicity (10-30%) - pediatric population more susceptible
Depakote, Depakote ER, Depakote Sprinkles, Depakote DR	Divalproex Sodium	seizures	tinnitus (1-7%), ear pain (>1-5%), deafness (>1-5%), otitis media (>1-5%)
Taxotere	Docetaxel	cancer treatment for pediatrics	Ototoxicity
Akne-Mycin, Ery-Tab, Eryc, Eryderm, Erygel, EryPed, Erythro-RX, Erythrocin, PCE, Romycin	Erythromycin	antibiotic	Ototoxicity (after I.V. use), tinnitus
Edecrin, Sodium Edecrin	Ethacrynic Acid	edema management, hypertension	Ototoxicity, tinnitus
Pepcid, Pepcid AC	Famotidine	heartburn, acid indigestion, & GERD relief	Ototoxicity, tinnitus

Brand	Name	Indications	Ototoxicity
Allegra, Allegra ODT	Fexofenadine hydrochloride	allergies	otitis media (2-4%)
Lasix	Furosemide	edema management, hypertension	potential ototoxicity
Garamycin, Genoptic, Genoptic S.O.P., Gentacidin, Gentafair, Gentak, Gentasol, Ocu-mycin	Gentamicin sulfate	aminoglycoside antibiotic	Ototoxicity: auditory & vestibular (>10%)
Advil, Motrin, A-G Profen, Addaprin, Bufen, Genpril, Haltran, I-Prin	Ibuprofen	general pain, fever, rheumatoid arthritis	tinnitus (3-9%)
Neosporin	Neomycin and Polymyxin B	topical antibiotic	Ototoxicity
Neo-Fradin	Neomycin sulfate	infection of skin, minor cuts, scrapes, and burns	Ototoxicity
Cortisporin Otic, PediOtic	Neomycin, (Bacitracin) Polymyxin B, & Hydrocortisone	otic antibiotic	Ototoxicity
Humatin	Paromomycin	aminoglycoside antibiotic	Ototoxicity
	Streptomycin sulfate	aminoglycoside antibiotic	tinnitus (3%)
AKTob, Tobi, Tobrasol, Tobrex	Tobramycin	aminoglycoside antibiotic	tinnitus (3% when inhaled)
Demadex	Torseamide	edema management, hypertension	Ototoxicity
Vancocin	Vancomycin	aminoglycoside antibiotic	Ototoxicity, assoc. w/ conc. >40 mcg/mL



OTOTOXIC MEDICATION GUIDE FOR AUDIOLOGIST ADULT / PEDIATRIC



Kathleen Masterson
Purdue University
AuD Program
2009

Resources: Micromedex Healthcare Series, Lexi-Comp Online, Online Facts and Comparison

DISCLAIMER: THIS IS NOT AN OFFICIAL PDR. THIS REFERENCE HAS NO ASSOCIATION WITH THE FDA.

Brand	Name	Indications	Ototoxicity
Amikin	Amikacin sulfate	aminoglycoside antibiotic	Ototoxicity: auditory & vestibular (1-10%)
Abilify, Abilify Discmelt	Aripiprazole	antipsychotic	Ototoxicity: auditory & vestibular (1-10%)
Ecotrin, Bayer, Ascriptin, Aspergum, Aspirin, Easprin, Ecpirin, Entercote	Aspirin	general pain, fever, rheumatoid arthritis	hearing loss, tinnitus (dose related)
Cortisporin Ointment (topical)	Bacitracin, Neomycin, Polymyxin B, and Hydrocortisone	prevention & treatment of inflammatory conditions if bacterial infection is at risk or present	Ototoxicity
Bumex	Bumetadine	edema management, hypertension	Ototoxicity (1%)
Budeprion SR, Budeprion XL, Wellbutrin XL	Bupropion Hydrochloride	antidepressant	tinnitus & auditory disturbance
Capastat	Capreomycin	antibiotic	Ototoxicity (subclinical hearing loss: 11%, clinical loss: 3%)
Paraplatin-AQ	Carboplatin	treatment of ovarian cancer	Ototoxicity (1%)
Zyrtec	Certirizine	perennial & seasonal allergy relief	Ototoxicity (<2%)
Platinol-AQ	Cisplatin	cancer treatment	Ototoxicity (10-30%)
Aczone	Dapsone	antibiotic	tinnitus
Depakote, Depakote ER, Depakote Sprinkles, Depakote DR	Divalproex Sodium	antipsychotic	tinnitus (1-7%), ear pain (>1-5%), deafness (>1-<5%), otitis media (>1-<5%)

Brand	Name	Indications	Ototoxicity
Taxotere	Docetaxel	cancer treatment	Ototoxicity (<1%)
Cymbalta	Duloxetine hydrochloride	antidepressant	tinnitus (<1%)
Vasotec	Enalapril	hypertension	Ototoxicity (<1%)
Lexapro	Escitalopram oxalate	antidepressant	Ototoxicity
Allegra, Allegra ODT	Fexofenadine hydrochloride	allergies	otitis media (2-4%)
Lasix	Furosemide	edema management, hypertension	Ototoxicity with I.V. or I.M. administration
Garamycin, Genoptic, Genoptic S.O.P., Gentacidin, Gentafair, Gentak, Gentasol, Ocu-mycin	Gentamicin sulfate	aminoglycoside antibiotic	Ototoxicity: auditory & vestibular (>10%)
Advil, Motrin, A-G Profen, Addaprin, Bufen, Genpril, Haltran, I-Prin	Ibuprofen	general pain, fever, rheumatoid arthritis	tinnitus (3-9%)
Kantrex	Kanamycin	aminoglycoside antibiotic	Ototoxicity (auditory & vestibular)
Neosporin	Neomycin and Polymyxin B	topical antibiotic	Ototoxicity
Neo-Fradin	Neomycin sulfate	aminoglycoside antibiotic	Ototoxicity: auditory & vestibular (<1%)
Coly-Mycin S, Cortisporin	Neomycin, Colistin, Hydrocortisone, and Thonzonium	antibiotic/corticosteroid	Ototoxicity: increased risk for patients with long-standing otitis media or tympanic membrane perforation

Brand	Name	Indications	Ototoxicity
Cortisporin Otic, PediOtic	Neomycin, Polymyxin B, & Hydrocortisone	otic antibiotic	Ototoxicity: increased risk for patients with extended use or tympanic membrane perforation, therapy should be limited to 10 days
Onxol, Taxol	Paclitaxel	cancer treatment	Ototoxicity (<1%)
Humatin	Paromomycin	treatment of gastrointestinal infections	Ototoxicity (<1%)
	Streptomycin sulfate	aminoglycoside antibiotic	tinnitus (3%)
Cialis	Tadalafil	erectile dysfunction	sudden onset (<2%), sudden hearing loss (<2%)
AKTob, Tobi, Tobrasol, Tobrex	Tobramycin	aminoglycoside antibiotic	tinnitus (3% when inhaled)
Topamax	Topiramate	anticonvulsant	hearing decreased (1-2%), tinnitus (1-2%)
Vancocin	Vancomycin	aminoglycoside antibiotic	Ototoxicity (<1%)
Effexor, Effexor XR	Venlafaxine hydrochloride	antidepressant	deafness (1-<5%)
Navelbine	Vinorelbine	cancer treatment	Ototoxicity (<1%)
Ambien, Ambien CR	Zolpidem tartrate	insomnia, short-term treatment	Ototoxicity (tinnitus, hearing loss) In most cases it is reversible, however, permanent damage can occur.