



Charcot-Marie-Tooth
Association

PO Box 105
Glenolden, PA 19036

Tel: 1-800-606-2682
Fax: 610-499-9267

www.cmtausa.org
info@cmtausa.org

Medical Alert

The medications listed below are potentially toxic to CMT patients. Vincristine has been proven hazardous and should be avoided by all CMT patients, including those with no symptoms. The remainder of the medications listed below present varying degrees of potential risk for worsening CMT neuropathy. Before taking any medication or changing medication, all CMT patients should make sure the treating physician is fully aware of their medical condition. (Note: This table is not a complete list of brand names, manufacturers, or labeled uses. There may be others, and patients should be aware that many drugs have off-label uses. Always check the ingredients before taking any medication.)

Definite High Risk			
Generic Name	Brand Name(s)/ Manufacturer(s)	Labeled Uses	Method(s) of Administration
Vincristine sulfate	Oncovin /Eli Lilly; Vincasar PFS /Pfizer; Vincristine Sulfate Injection /Abbott, Mayne	Acute leukemia; malignant lymphomas and carcinomas	Intravenous
Moderate to Significant Risk			
Amiodarone HCL	Cordarone /Wyeth-Ayerst	Ventricular arrhythmias (fibrillation and tachycardia)	Oral, Intravenous
Auranofin	Ridaura /Prometheus	Rheumatoid arthritis	Oral
Aurothioglucose	Solganal /Schering	Rheumatoid arthritis	Intramuscular
Bortezomib	Velcade /Millenium	Multiple myeloma (bone cancer)	Intravenous
Cisplatin	Cisplatin Injection /Abbot, American Pharmaceutical Partners, Baxter; Platinol-AQ /Bristol-Myers Squibb	Bladder, ovarian, and testicular carcinomas	Intravenous
Colchicine* *risk with extended use	Colchicine Tablets /Abbot; Colchicine Injection /Bedford; Probenecid and Colchicine Tablets /IVAX, Truxton	Gout prevention; gouty arthritis; (unlabeled use: hepatic cirrhosis due to alcohol)	Oral, Intravenous
Dapsone	Dapsone Tablets /Jacobus	Bullous herpetiformis dermatitis; leprosy	Oral
Didanosine; Dideoxyinosine (ddI)	Videx /Bristol-Myers Squibb	HIV infection	Oral
Dichloroacetate (DCA)	Not FDA approved; in clinical trials	Chronic lactic acidosis	
Disulfiram	Antabuse /Odyssey	Alcoholism	Oral
Docetaxel	Taxotere /Aventis	Breast and prostate carcinomas; lung cancer	Intravenous
Eribulin Mesylate	Halaven /Eisai	Metastatic breast cancer (patients who have received two prior chemotherapy regimens)	Intravenous
Gold Salts (see specific drug names)			
Gold Sodium Thiomalate	Aurolate /Taylor	Rheumatoid arthritis	Intramuscular
Ixabepilone	Ixempra /Bristol-Myers Squibb	Metastatic or locally advanced breast cancer	Intravenous
Leflunomide	Arava /Aventis	Rheumatoid arthritis	Oral



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Moderate to Significant Risk, cont.

Generic Name	Brand Name(s)/ Manufacturer(s)	Labeled Uses	Method(s) of Administration
Metronidazole* *risk with extended use	Flagyl /Pfizer	Intestinal, vaginal and other bacterial infections; septicemia; peritonitis; endocarditis	Oral, Intravenous* *also a topical application in some formulations
Misonidazole* *risk with extended use		Cancer treatment; radiotherapy	
Nitrofurantoin; Macrochantin	Nitrofurantoin Capsules /Sandoz; Macrobid /Proctor & Gamble; Furadantin /Elan	Urinary tract infections	Oral
Nitrous Oxide* *risk with inhalation abuse or vitamin B12 deficiency		General anesthesia	Inhalation
Oxaliplatin	Eloxatin /Sanofi-Synthelabo	Colorectal carcinoma	Intravenous
Perhexiline* *not used in US	Pexsig /Sigma (Australia and New Zealand)	Angina pectoris	Oral
Pyridoxine* *risk with megadoses	Vitelle Nestrex /Fielding	Vitamin B ₆ deficiency; antidote to drug-induced neuropathy	Oral, Intravenous
Stavudine (d4T)	Zerit /Bristol-Myers Squibb	HIV infection	Oral
Suramin	Awaiting FDA approval	African sleeping sickness; river blindness; experimental cancer treatment (prostate)	Intravenous
Paclitaxel	Onxol /IVAX; Paclitaxel Injection /UDL, Bedford Taxol /Bristol-Myers Squibb	Breast, lung, ovarian and esophageal carcinomas	Intravenous
Taxols (see specific drug names)			
Thalidomide	Thalomid /Celgene	Erythema (reddening of the skin); nosodium leprosum (a rash associated with treatment of leprosy); many other off-label uses (mainly autoimmune disease and chemotherapy)	Oral
Zalcitabine; Dideoxycytidine (ddC)	Hivid /Roche	HIV infection	Oral
Uncertain or Minor Risk			
5-Fluorouracil; (5-FU)	Adrucil /Pfizer; Fluorouracil injection /Baxter, Valeant, SoloPak, APP	Breast, colorectal, gastric and pancreatic carcinomas	Intravenous
Adriamycin (Doxorubicin HCL)	Adriamycin /Bedford; Adriamycin RDF /Pfizer	Leukemia; lymphomas; carcinomas	Intravenous
Almitrine	Vectarion /Not manufactured in US	Acute respiratory failure	Oral, Intravenous
Atorvastatin	Lipitor /Pfizer	Elevated LDL cholesterol	Oral



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Generic Name	Brand Name(s)/ Manufacturer(s)	Labeled Uses	Method(s) of Administration
Ciprofloxacin	Cipro; Cipro IV/Bayer	Bacterial infections, including skin, bone, blood, urinary, respiratory, and gastrointestinal tract infections; pneumonia; sinusitis; typhoid fever	Oral, Intravenous
Chloroquine	Aralen Phosphate/Sanofi-Synthelabo; Aralen Hydrochloride/Sanofi-Synthelabo	Amebiasis; malaria	Oral Intravenous
Cytarabine;* (Ara-C; Cytosine arabinoside)	Cytarabine Injection/Mayne, Bedford; Cytosar-U/Pfizer	Leukemias	Intravenous
Cytarabine liposomal*	DepoCyt/Enzon	Lymphomatous meningitis	Intrathecal (Spinal infusion)
*risk with high doses			
Enoxacin	Penetrex/Aventis	Urinary tract infections; gonorrhea	Oral
Ethambutol	Ethambutol Tablets/Versa; Myambutol/Elan	Tuberculosis	Oral
Etoposide (VP-16)	Etoposide Capsules/Mylan; VePescid/Bristol-Myers Squibb Etoposide for Injection/Abbot, Bedford, Gensia Sicor, SuperGen; Toposar/Pfizer; VePescid, Etopophos/Bristol-Myers Squibb	Small cell lung carcinoma Small cell lung carcinoma; refractory testicular neoplasm	Oral Intravenous
Fluoroquinolones (see specific drug names)			
Fluvastatin	Lescol/Reliant	Elevated LDL cholesterol	Oral
Gatifloxacin	Tequin/Bristol-Myers Squibb; Tequin Injection/Bristol-Myers Squibb	Pneumonia and bronchitis; sinus, respiratory tract, and urinary tract infections; sexually transmitted diseases	Oral, Intravenous
Gemcitabine	Gemzar/Lilly	Non-small cell lung cancer; pancreatic carcinoma	Intravenous
Griseofulvin	Grifulvin V/Ortho-Neutrogena; Fulvicin U/F/Schering; Gris-PEG/Pedinol	Tineas (ringworm infections) of the skin, hair, and nails	Oral
Hexamethylmelamine (Altretamine)	Hexalen/MGI Pharma	Ovarian cancer	Oral
Hydralazine	Apresoline/IVAX; Hydra-zide/Par; Apresazide/Novartis; Marpres/Marnel	Hypertension	Oral, Intravenous
Ifosfamide	Ifex/Bristol-Myers Squibb	Testicular germ cell carcinoma; bone and soft tissue sarcomas	Intravenous
Infliximab	Remicade/Centocor	Rheumatoid arthritis; Crohn's disease	Intravenous
Isoniazid (INH)	Nydrazid/Sandoz; Laniazid/Lannett	Tuberculosis	Oral, Intravenous



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Generic Name	Brand Name(s)/ Manufacturer(s)	Labeled Uses	Method(s) of Administration
Lansoprazole	Prevacid/TAP Phramaceuticals	Ulcers; gastroesophageal reflux disease (GERD); Zolliger- Ellison Syndrome	Oral
Levofloxacin	Levaquin/Ortho-McNeil	Infections, including skin, respiratory, and urinary tract infections; venereal diseases	Oral, Intravenous
Lomefloxacin	Maxaquin/Pfizer	Bronchitis and urinary tract infections	Oral
Lovastatin	Lovastatin/Mylan, Par, Sandoz, Teva; Mevacor/Merck; Altacor/Andrx	Elevated LDL cholesterol	Oral
Mefloquine	Lariam/Roche	Prevention and treatment of malaria	Oral
Moxifloxacin	Avelox/Bayer	Skin and respiratory tract infections	Oral, Intravenous
Norfloxacin	Noroxin/Merck	Urinary tract infections; prostatitis; gonorrhea	Oral
Ofloxacin	Floxin/Ortho-McNeil	Urinary tract, skin, bone, and heart infections	Oral, Intravenous
Omeprazole	Prilosec/Proctor and Gamble; Zegerid/ Santarus	Ulcers; gastroesophageal reflux disease (GERD); Zolliger- Ellison Syndrome	Oral
Penicillamine	Cuprimine/Merck; Depen/Wallace	Rheumatoid arthritis; Wilson's Disease (accumulation of copper in liver and other organs); cystinuria (kidney stones)	Oral
Phenytoin	Dilantin/Pfizer; Phenytoin Sodium Injection/Baxter, Hospira, Sanofi	Epilepsy; convulsions; seizures	Oral, Intravenous
Sparfloxacin	Zagam/Bertek	Lower respiratory tract infections	Oral
Trovafloxacin (Alatrofloxain)	Trovan/Pfizer	Pneumonia; abdominal, pelvic, and skin infections	Oral, Intravenous
Podophyllin resin* *high risk with excessive time exposure or unintended route (oral; deep injection)	Podocon-25/Paddock	Removal of benign growths and warts, esp. external genital and perianal exophytic warts caused by human papillomavirus (HPV)	Topical
Pravastatin	Pravachol; Pravigard/Bristol- Myers Squibb	Elevated LDL cholesterol	Oral
Rosuvastatin	Crestor/AstraZeneca	Elevated LDL cholesterol	Oral
Sertraline	Zoloft/Pfizer	Depression; panic attacks; obsessive- compulsive disorder; PTSD; social disorder	Oral



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Simvastatin	Zocor/Merck	Elevated LDL cholesterol	Oral
Statins (see specific drug names)	Note: Statins are generally prescribed to control cholesterol and triglyceride levels and to prevent coronary events.		
Tacrolimus (FK506)	Prograf/Fujisawa	Prevention of liver, kidney, and other organ transplant rejection	Oral, Intravenous
Zimeldine (not in US)	(Withdrawn from market)	Depression	
α-Interferon	Roferon/Roche; Intron; Rebetron/Schering; Infergen/InterMune; Alferon/Hemispherx	Hepatitis B and C; warts caused by human papillomavirus (HPV); Kaposi's sarcoma; renal cell carcinoma; multiple myeloma (bone cancer); malignant melanoma (skin cancer); Non-Hodgkin's lymphoma	Intramuscular, intralesional, or subcutaneous injection
Negligible or Doubtful Risk			
Allopurinol	Zyloprim/Prometheus; Aloprim/Nabi	Gout; gouty arthritis; kidney and urinary tract stones	Oral, Intravenous
Amitriptyline	Elavil/Zeneca	Depression	Oral
Chloramphenicol	Cloramphenicol Sodium Succinate/American Pharmaceutical Partners; Chloromycetin/Monarch	Meningitis; typhoid fever	Intravenous
Chlorprothixene	Taractan/Roche	Psychosis	Oral, Intramuscular
Cimetidine	Tagamet/GlaxoSmithKline; Cimetadine Hydrochloride Injection/American Regent, Hospira, Endo	Gastric and duodenal ulcers; gastroesophageal reflux	Oral, Intravenous
Clioquinol	Clioquinol is an ingredient in numerous formulations (often in combination with hydrocortisone) used to treat bacterial and fungal infections of the skin	Dermatitis; folliculitis; eczema; athlete's foot; jock itch; ringworm	Topical (powders, creams, ointments)
Clofibrate	Atromid/Wyeth-Ayerst	Hyperlipidaemias (high cholesterol and triglyceride levels)	Oral
Cyclosporin A	Sandimmune; Neoral/Novartis	Prevention of rejection of organ transplants; severe cases of psoriasis and rheumatoid arthritis	Oral, Intravenous
Enalapril	Vasotec/Biovail; Enalaprilat Injection/Abbott, Baxter, Bedford, Faulding	Hypertension; congestive heart failure	Oral, Intravenous
Gluthethimide	Superseded by other drugs; not currently in use	Insomnia	Oral
Lithium	Lithium Carbonate/Rugby, Roxane; Lithobid/Solvay; Eskalith/GlaxoSmithKline	Bipolar disorder (manic/depressive disorder)	Oral
Phenelzine	Nardil/Pfizer	Depression	Oral



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Propafenone	Propafenone HCL/Watson; Rythmol/Abbott	Atrial fibrillation; ventricular arrhythmias	Oral
Sulfacetamide	Numerous brand names and manufacturers	Acne; seborrheic dermatitis; eye and vaginal infections	Topical
Sulfabenzamide	Numerous brand names and manufacturers	Vaginitis	Topical
Sulfadiazine	Sulfadiazine Tablets/Eon, Raway, UDL	Toxoplasmosis	Oral
Sulphasalazine	Azulfidine/Pfizer	Rheumatoid arthritis; ulcerative colitis	Oral
Sulfathiazole	Numerous brand names and manufacturers	Vaginitis	Topical
Sulphamethoxazole	Proloprim; Septra/Monarch; Trimplex/Roche	Urinary tract infections; otitis media (middle ear infection)	Oral, Intravenous
Sulfisoxazole (sulfafurazole)	Gantrisin/Roche	Urinary tract infections; otitis media (middle ear infection)	Oral
Sulfonamides (see specific drug names)	Note: Although listed here, the use of sulfonamides to treat infections has decreased due to the increase in drug-resistant bacteria.		