

Drugs That Can Affect Blood Glucose Levels
****Brought to you by your Diabetes Educator and dLife**

GENERIC NAME (BRAND NAME)

Drugs That May Cause Hyperglycemia (High Blood Sugar)

Abacavir (Ziagen®)
Abacavir + lamivudine, zidovudine (Trizivir®)
Acetazolamide (Diamox®)
Acitretin (Soriatane®)
Albuterol (Ventolin®, Proventil®)
Albuterol + ipratropium (Combivent®)
Ammonium chloride
Amphotericin B (Amphocin®, Fungizone®)
Amphotericin B lipid formulations (IV) (Abelcet®)
Amprenavir (Agenerase)
Aripiprazole (Abilify®)
Arsenic trioxide (Trisenox®)
Asparaginase (Elspar®)
Atenolol + chlorthalidone (Tenoretic®)
Atovaquone (Mepron®)
Baclofen (Lioresal®)
Betamethasone (topical) (Alphatrex®, Betatrex®, Beta-Val®, Diprolene®, Diprolene® AF, Diprolene® Lotion, Luxiq®, Maxivate®)
Betamethasone + clotrimazole (Lotrisone® (topical))
Betaxolol Betoptic® (eyedrops), (KERLONE® (oral))
Bexarotene (Targretin®)
Bicalutamide (Casodex®)
Benazepril + hydrochlorothiazide (Lotension®)
Bisoprolol + hydrochlorothiazide (Ziac®)
Bumetanide (Bumex®)
Caffeine (Caffeine in moderation may actually be beneficial in diabetes but in large amounts can raise blood sugar.)
Candesartan + hydrochlorothiazide (Atacand HCT®)
Captopril + hydrochlorothiazide (Capozide®)
Carteolol (Cartrol® (oral), Occupress® (eyedrops))
Carvedilol (Coreg®)
Chlorothiazide (Diuril®)
Chlorthalidone (Chlorthalidone Tablets®, Clorpres®, Tenoretic®, Thalitone®)
Choline salicylate (Numerous tradenames of aspirin formulations; check label)
Choline salicylate + magnesium salicylate (CMT®, Tricosal®, Trilisate®)
Clobetasol (Clobevate®, Cormax®, Cormax® Scalp Application, Embeline® E, Olux®, Temovate®, Temovate® E, Temovate® Scalp Application)
Clozapine (Clozaril®, FazaClo®)
Conjugated estrogens (Estrace®, Estring®, Femring®, Premarin®, Vagifem®, Cenestin®, Enjuvia®, Estrace®, Femtrace®, Gynodiol®, Menest®, Ogen®)
Conjugated estrogens + medroxyprogesterone (Premphase®, Prempro®)
Cyclosporine (Sandimmune®, Neoral®, Gengraf®)

Corticotropin
Cortisone (Numerous tradenames; check label.)
Corticosteroids (Numerous tradenames; check label.)
Daclizumab (Zenapax®)
Desonide (DesOwen®, Tridesilon®)
Desoximetasone (Topicort®)
Dexamethasone (Adrenocot®, Dalalone®, Decadron®, Decaject®, Dekasol®,
Dexacort®, Dexasone®, Dexim®, Dexone®, Hexadrol®,
Medidex®, Primethasone®, Solurex®, Dexamethasone
Intenso®)
Dextromethorphan + promethazine (Phenergan® with Dextromethorphan, Phen-
TussDM®)
Diazoxide (Proglycem®)
Enalapril + hydrochlorothiazide (Vaseretic®)
Encainide (Enkaid®)
Esterified estrogens, estrone, estropipate
Esterified estrogens + methyltestosterone (Estratest®)
Estradiol, ethinyl estradiol (Alora® Climara® Congest® Delestrogen® Depo-Estradiol®
Depogen® Estinyl® Estrace® Estraderm®, Estragyn 5®,
Estragyn LA 5®, Estrasorb®, EstroGel®, Estro-L.A.®,
Gynodiol®, Kestrone-5®, Neo-Estrone® Menest®, Menostar®,
Ogen .625®, Ogen®, Ortho-Est®, Premarin®, Valergen®,
Vivelle®, Vivelle-Dot®)
Estradiol + norethindrone (Activella®)
Estradiol + norgestimate (Prefest®)
Estramustine (Emcyt®)
Ethacrynic acid (Edecrin®, Sodium Edecrin®)
Fluoxetine (Prozac®, Sarafem®)
Flurandrenolide (Cordran®, Cordran® SP, Cordran® Tape)
Formoterol (Foradil® Aerolizer® Inhaler)
Fosinopril + hydrochlorothiazide (Monopril HCT®)
Furosemide (Lasix®)
Gatifloxacin (Tequin®, Tequin® Injection, Tequin® Injection Premixed, Zymar®
(eyedrops))
Gemtuzumab ozogamicin (Mylotarg®)
Hydrochlorothiazide (Aldactazide®, Aldoril®, Capozide®, Dyazide®, HydroDIURIL®,
Inderide®, Lopressor® HCT, Maxzide®, Microzide®,
Moduretic®, Timolide®, Vaseretic®)
Hydrochlorothiazide + irbesartan (Avalide®)
Hydrochlorothiazide + lisinopril (Prinzide®, Zestoretic®)
Hydrochlorothiazide + losartan (Hyzaar®)
Hydrochlorothiazide + metoprolol (Lopressor HCT®)
Hydrochlorothiazide + moexipril (Uniretic®)
Hydrochlorothiazide + quinapril (Accuretic®, Quinaretic®)
Hydrochlorothiazide + telmisartan (Micardis HCT®)
Hydrochlorothiazide + valsartan (Diovan HCT®)
Hydrocortisone (Numerous tradenames of topical hydrocortisone formulations;
check label)
Indapamide (Lozol®)
Indinavir (Crixivan®)
Interferon alfa-2a (Roferon-A®)

Interferon alfa-2b (Intron-A®)
Interferon alfa-2b + ribavirin (Rebetron®)
Interferon alfa-n1 (Alferon-N®)
Irinotecan (Camptosar®)
Isoniazid (Laniazid®, Nydrazid®)
Isotretinoin (Accutane®)
Lamivudine (Epivir®, Epivir-HBV®)
Levalbuterol (Xopenex®, Xopenex HFA®)
Levonorgestrel (Plan B®, NORPLANT System®)
Levothyroxine (Synthroid®, Levoxyl®)
Lopinavir + ritonavir (Kaletra®)
Magnesium salicylate (Bayer Select® Backache Pain Formula, Doans® Pills,
Mobidin®, Nuprin® Backache Caplet)
Medroxyprogesterone (Provera®, Depo-Provera®)
Megestrol (Megace®)
Methylprednisolone (A-methaPred®, ADD-Vantage®, Depo-Medrol®, Medrol®,
Medrol® Dosepak, Meprolone® Unipak, Solu-Medrol®)
Metolazone (Zaroxolyn®, Mykrox®)
Metoprolol (Lopressor®, Lopressor® HCT, Toprol XL®)
Modafinil (Provigil®)
Moxifloxacin (Avelox®, Avelox® I.V.)
Mycophenolate (CellCept®)
Nadolol (Corgard®)
Nelfinavir (Viracept®)
Niacin, niacinamide (Niacor®, Niaspan®, Nicolar®, Nicotinx®, Slo-Niacin®)
Nilutamide (Nilandron®)
Nitric oxide (INOMax®)
Norethindrone (Aygestin®, Nor-QD®, Micronor®)
Norgestrel (Orvette®)
Nystatin (Mycostatin®, Nystat-Rx®, Nystop®, Pedi-Dri®)
Nystatin + triamcinolone (Dermacomb®, Myco II®, Mycobiotic II®, Mycogen II®,
Mycolog II®, Myco-Triacet II®, Mykacet®, Mykacet II®, Mytrex®, Tristatin
II®)
Octreotide (Sandostatin®, Sandostatin LAR®)
Pantoprazole (Protonix®, Protonix® I.V.)
Pegaspargase (Oncaspar®)
Peginterferon alfa-2b (PEG-Intron®)
Pentamidine (Pentam 300®)
***Phenylephrine (Sudafed PE®, and others)
Phenytoin (Dilantin®, Dilantin-125®, Dilantin Infatabs®, Dilantin Kapseals®, Phenytek®)
***Pseudoephedrine (Claritin D®, Sudafed®, and others)
Prednisolone (AK-Pred®, Blephamide®, Blephamide® Liquifilm®,
Econopred® Plus, Inflamase® Forte, Inflamase® Mild, Poly-
Pred® Liquifilm®, Pred Forte®, Pred Mild®, Pred-G®, Pred-G®
Liquifilm®, Delta-Cortef®, PediaPred®, Prelone®)
Prednisone (Prednisone Intensol®, Sterapred®, Sterapred® DS)
Progesterone (Prometrium®)
Quetiapine (Seroquel®)
Risperidone (Risperdal®, Risperdal® M-TAB®)
Ritodrine (Yutopar®)
Ritonavir (Norvir®)

Rituximab (Rituxan®)
Saquinavir (Invirase®)
Salmeterol (Serevent®, Serevent® Diskus®)
Salsalate (Argesic®-SA, Disalcid®, Mono-Gesic®, Salflex®, Salsitab®)
Sodium oxybate (Xyrem®)
Somatropin (Genotropin®, Genotropin Miniquick®, Humatrope®, Norditropin cartridges®, Norditropin NordiFlex®, Nutropin®, Nutropin AQ®, Saizen®, Serostim®, Zorbtive®)
Sotalol (Betapace®, Betapace AF®, Sorine®)
Streptozocin (Zanosar®)
Tacrolimus (Prograf®, Protopic®)
Torseamide (Demadex®, Demadex Oral®)
Triamcinolone (Aristocort®, Aristospan®, Asthmacort®, Flutex®, Kenalog®, Tac®, Triacet®)
Ursodeoxycholic acid, ursodiol (Actigall®, Urso®)
Valproic acid, divalproex sodium (Depacon®, Depakene®, Depakene® Syrup, Depakote®, Depakote® ER, Depakote® Sprinkle)
Ziprasidone (Geodone®)

Drugs That May Cause Hypoglycemia (Low Blood Sugar)

Acebutolol (Sectral®)
Acetohexamide (Dymelor®)
Alcohol
Aloe - Oral Herbal Supplement, especially if taken with other agents such as glyburide, glipizide, nateglinide, repaglinide, glimepiride, or insulin
Amphotericin B (Ambisome®, Amphocin®, Fungizone Intravenous®, Amphotec®, Abelcet®)
Amphotericin B lipid formulations (Abelcet®, AmBisome®)
Asian Ginseng (Ginseng; Panax ginseng)
Aspirin (Numerous tradenames; check label.)
Aspirin + dipyridamole (Aggrenox®)
Atenolol (Tenormin®, Tenoretic® containing atenolol & chlorthalidone Betaxolol Betoptic®, Betoptic S® (eyedrops); Kerlone® (oral))
Bisoprolol (Zebeta®)
Bisoprolol + hydrochlorothiazide (Ziac®)
Choline salicylate (Acuprin 81®, Amigesic®, Anacin Caplets®, Anacin Maximum Strength®, Anacin Tablets®, Anaflex 750® Arthritis Pain, Ascriptin® Arthritis Pain)
Choline salicylate + magnesium salicylate C (MT®, Tricosal®, Trilisate®)
Chloramphenicol (Chloromycetin®)
Chromium (Various tradenames; check label.)
Clarithromycin B (Biaxin® Filmtab®, Biaxin® Granules, Biaxin® XL Filmtab, Biaxin® XL Pac, Prevpac®)
Diazoxide (Proglycem®)
Dicumarol (Coumadin®, Miradon®)
Diltiazem (Cardizem®, Tiazac®)
Disopyramide (Norpace®, Norpace® CR)
Dorzolamide + timolol (Cosopt®)
Fluoxetine (Prozac®, Sarafem®)
Fosphenytoin (Cerebyx®, Dilantin®, Dilantin-125®, Dilantin Infatabs®, Dilantin

Kapseals®, Mesantoin®, Peganone®, Phenytek®)
 Gatifloxacin (Tequin®, Tequin® Injection, Tequin® Injection Premixed, Zymar®)
 Glimepiride (Amaryl®)
 Glipizide (Glucotrol®, Glucotrol XL®, Glyburide Diabeta®, Glynase®, Micronase®)
 Glyburide + metformin (Glucovance®)
 Horse chestnut (Aesculus hippocastanum)
 Hydrochlorothiazide + metoprolol (Lopressor HCT®)
 Insulin (Lantus®, Levimir®, NPH®, Humulin®, Novolin®, Apidra®)
 Interferon beta-1b (Betaseron®)
 Levofloxacin (Levaquin®, Levaquin® in Dextrose Injection Premix, Quixin®)
 Magnesium salicylate (Bayer Select® Backache Pain Formula, Doans® Pills,
 Mobidin®, Nuprin® Backache Caplet)
 Metoprolol (Lopressor®, Lopressor® HCT, Toprol XL®)
 Morphine (Kadian®, MS Contin®, MSIR®, Roxanol®)
 Nadolol (Corgard®)
 Nateglinide (Starlix®)
 Nifedipine (Adalat CC®, Procardia®, Afeditab® CR)
 Octreotide (Sandostatin®, Sandostatin LAR® Depot)
 Olanzapine (Zyprexa®)
 Penicillamine (Cuprimine®, Depen®)
 Pentamidine (Nebupent®, Pentam 300®)
 Phenytoin (Dilantin®, Dilantin-125®, Dilantin Infatabs®, Dilantin Kapseals®, Phenytek®)
 Phenelzine (Nardil®)
 Pindolol (Visken®)
 Probenecid (Benemid®, Probalan®)
 Quinine (Quinamm®, Quindan®, Quiphile®, Q-vel®, Strema®)
 Quinupristin + dalfopristin (Synercid®)
 Repaglinide (Prandin®)
 Ritodrine (Yutopar®)
 Rituximab (Rituxan®)
 Salicylates (Numerous tradenames of aspirin formulations; check label)
 Salsalate (Argesic®-SA, Disalcid®, Mono-Gesic®, Salflex®, Salsitab®)
 Selegiline (Eldepryl®)
 Sodium ferric gluconate complex (Ferrlecit®)
 Somatropin (Genotropin®, Genotropin Miniquick®, Humatrope®, Norditropin
 cartridges®, Norditropin NordiFlex®, Nutropin, Nutropin AQ®, Saizen®,
 Serostim®, Zorbtive®)
 Sotalol (Betapace®, Betapace AF®, Sorine®)
 Streptozocin (Zanosar®)
 Sulfadiazine (Microsulfon®)
 Tacrolimus P (Prograf®, Protopic®)
 Tetracaine (Altacaine®, Tetcaine®, Pontocaine®)
 Theophylline (Theo-24®, Theo-Dur®, TheoCap®)
 Timolol (Timoptic®, Timoptic-XE®)
 Tranylcypromine (Parnate®)
 Tolazamide (Tolinase®)
 Tolbutamide (Orinase®)
 Verapamil (Calan®, Calan SR®, Isoptin SR®, Verelan®)

Drugs that can MASK Hypoglycemia

Atenol (Tenormin®, Tenoretic® containing Atenolol & Chlorthalidone)
Carteolol (Cartrol® (oral), Occupress® (eyedrops))
Carvedilol (Coreg®, Coreg® Tiltabs®)
Clonidine (Duraclon®, Catapres®, Catapres-TTS-1®, Catapres-TTS-2®,
Catapres-TTS-3®)
Metoprolol (Lopressor®, Lopressor® HCT, Toprol XL®)
Nadolol (Corgard®)
Pindolol (Visken®)
Propranolol (Inderal®, Inderal LA®, Inderide®, Innopran® XL, Propranolol
Hydrochloride Intensol®)
Timolol (Timoptic®, Timoptic-XE®)

Drugs that can cause Hyper- or Hypoglycemia

Lithium (Eskalith®, Eskalith CR®, Lithobid®)
Rifampin (Rifadin®, Rimactane®)

** Because of the constantly changing nature of the U.S. prescription and OTC drug marketplace, this list may not reflect the full range of drugs that may impact blood glucose levels. The information contained in this document is intended as an educational aid only. It is not intended as medical advice for individual conditions or treatment. It is not a substitute for a medical exam, nor does it replace the need for services provided by medical professionals. Talk to your doctor, nurse or pharmacist before taking any prescription or over-the-counter drugs (including any herbal medicines or supplements) or following any treatment or regimen.

***There are many other OTC and prescription medications that contain pseudoephedrine and phenylephrine.

Notes: 1) The ACEI and ARB drugs are preferred antihypertensive agents in people with diabetes. The combinations of those agents with thiazide diuretics are also commonly used in patients with diabetes. Although thiazides may have a tendency to affect blood sugar, the smaller doses used in these combinations may have little or no effect on blood sugars and may actually be needed to control blood pressure.

2) Gatifloxacin (Tequin) is longer manufactured because of its serious adverse effects on blood glucose. It is still available for sale on some online pharmacies.