Files with this table string: ['../data/warfarin/TABLE-3018b992-64ca-41d0-aa43-6b97d4919ede-drugInteractions-1.txt', '../data/warfarin/TABLE-514bf988-9d2f-4727-a6ba-a99aa0fd61f6-drugInteractions-1.txt', '../data/warfarin/TABLE-56df6dd1-d63a-4584-9196-5ba4799d1c45-drugInteractions-1.txt', '../data/warfarin/TABLE-651d3aa8-97b1-4fb8-899e-d2448ab41432-drugInteractions-1.txt', '../data/warfarin/TABLE-6a0068ba-19bd-4711-b894-868fd007a613-drugInteractions-1.txt', '../data/warfarin/TABLE-70741a88-5e0f-4171-89c8-425fb4e234e8-drugInteractions-1.txt', '../data/warfarin/TABLE-95e23715-f2bf-4998-aa51-3a7964e2cbb3-drugInteractions-1.txt', '../data/warfarin/TABLE-9c45edc1-5935-4685-9404-6ce7b7bb4056-drugInteractions-1.txt', '../data/warfarin/TABLE-bc7ed493-67b3-476a-829f-6ccf48c874c1-drugInteractions-1.txt', '../data/warfarin/TABLE-f11079c4-f085-4558-bee9-c159525b2497-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
| Drug Class | Specific Drugs |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-1f7e1308-e6f5-4380-8d85-e2a22bdec9db-drugInteractions-0.txt', '../data/warfarin/TABLE-75f9abdf-52f2-48ee-b65b-9160c38564ec-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
|  |  |  |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-a0cfad4b-043e-451e-bfd6-1fe1ac1bd0d6-drugInteractions-3.txt', '../data/warfarin/TABLE-b6233f92-0d92-44d0-82cb-bacccb61d970-drugInteractions-3.txt', '../data/warfarin/TABLE-c437507c-d308-4aac-aa5e-a54972c7fa95-drugInteractions-3.txt']

|  |  |
| --- | --- |
| edema hereditary coumarin resistance hyperlipemia | hypothyroidism nephrotic syndrome |

Files with this table string: ['../data/warfarin/TABLE-801e4da1-5459-47d2-b67b-009f0a3247cc-drugInteractions-1.txt']

| Classes of Drugs | | | |
| --- | --- | --- | --- |
| 5-lipoxygenase Inhibitor Adrenergic Stimulants, Central Alcohol Abuse Reduction Â Â Preparations Analgesics Anesthetics, Inhalation Antiandrogen Antiarrhythmicsâ€  Antibioticsâ€  Â Â Aminoglycosides (oral) Â Â Cephalosporins, parenteral Â Â Macrolides Â Â Miscellaneous Â Â Penicillins, intravenous, Â Â Â Â high dose Â Â Quinolones Â Â Â Â (fluoroquinolones) Â Â Sulfonamides, long acting Â Â Tetracyclines Anticoagulants Anticonvulsantsâ€  Antidepressantsâ€  Antimalarial Agents Antineoplasticsâ€  Antiparasitic/Antimicrobials | Antiplatelet Drugs/Effects Antithyroid Drugsâ€  Beta-Adrenergic Blockers Cholelitholytic Agents Diabetes Agents, Oral Diureticsâ€  Fungal Medications, Â Â Intravaginal, Systemicâ€  Gastric Acidity and Peptic Â Â Ulcer Agentsâ€  Gastrointestinal Â Â Prokinetic Agents Â Â Ulcerative Colitis Agents Gout Treatment Agents Hemorrheologic Agents Hepatotoxic Drugs Hyperglycemic Agents Hypertensive Emergency Â Â Agents Hypnoticsâ€  Hypolipidemicsâ€  Â Â Bile Acid-Binding Resinsâ€  Â Â Fibric Acid Derivatives Â Â HMG-CoA Reductase Â Â Â Â Inhibitorsâ€ | Leukotriene Receptor Â Â Antagonist Monoamine Oxidase Â Â Inhibitors Narcotics, prolonged Nonsteroidal Anti- Â Â Inflammatory Agents Proton Pump Inhibitors Psychostimulants Pyrazolones Salicylates Selective Serotonin Â Â Reuptake Inhibitors Steroids, Adrenocorticalâ€  Steroids, Anabolic (17-Alkyl Â Â Testosterone Derivatives) Thrombolytics Thyroid Drugs Tuberculosis Agentsâ€  Uricosuric Agents Vaccines Vitaminsâ€ |  |

Files with this table string: ['../data/warfarin/TABLE-c90be37c-0ad0-4ccd-8fe7-b9a3427f0d80-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole, miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast,  moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-5907ef77-9c4d-4e3f-be7b-6157ebad2173-drugInteractions-0.txt', '../data/warfarin/TABLE-6b09bf23-ebdf-4422-b755-0d877a01ea38-drugInteractions-0.txt', '../data/warfarin/TABLE-91fa852c-b43d-4a55-983b-74aa6827125d-drugInteractions-0.txt', '../data/warfarin/TABLE-ba41b963-ec4a-4421-ac93-26654876a6be-drugInteractions-0.txt', '../data/warfarin/TABLE-c0f238ff-2804-4150-9766-22a5111b4e74-drugInteractions-0.txt', '../data/warfarin/TABLE-cd6d1b85-0ba2-4a10-a5b8-25496ae13fa3-drugInteractions-0.txt', '../data/warfarin/TABLE-d91934a0-902e-c26c-23ca-d5accc4151b6-drugInteractions-0.txt']

Table 2:Ã‚Â Ã‚Â Ã‚Â Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole, miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-26e08f6a-4982-4c37-97de-3eb492148bd7-drugInteractions-0.txt', '../data/warfarin/TABLE-4e2045c4-4fee-4cc2-b014-6b04a7cea7a5-drugInteractions-0.txt', '../data/warfarin/TABLE-51c96814-18d9-4c5e-86d1-aced9499dfdf-drugInteractions-0.txt', '../data/warfarin/TABLE-56381618-955b-4e4c-b6de-bde4e4abf42e-drugInteractions-0.txt', '../data/warfarin/TABLE-7999d658-ddb7-4470-87fe-202358ce4c17-drugInteractions-0.txt', '../data/warfarin/TABLE-89b48f74-7188-4bf2-a99b-6e9b9bc8720f-drugInteractions-0.txt', '../data/warfarin/TABLE-9802402a-00e5-4446-832c-cb01e0af7b3e-drugInteractions-0.txt', '../data/warfarin/TABLE-a9ca7308-059b-4d24-a0af-aa85adc108df-drugInteractions-0.txt', '../data/warfarin/TABLE-abfb23bd-54b5-4ec7-a067-814167f2060f-drugInteractions-0.txt', '../data/warfarin/TABLE-c01c31e0-9c1b-4bb6-ae6e-0b805264c4e6-drugInteractions-0.txt', '../data/warfarin/TABLE-d655ff56-c17d-4331-8e9c-93e36f4ffeae-drugInteractions-0.txt']

Table 2:Ã‚Â Ã‚Â Ã‚Â Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
|  |  |  |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole, miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-054dcdd1-4276-4137-b551-48edd8b7f218-drugInteractions-1.txt']

|  |  |  |
| --- | --- | --- |
|  | | |
| Â Â Â 5-lipoxygenaseÂ Inhibitor | Â Â Â AntiplateletÂ Drugs/Effects | Â Â Â LeukotrieneÂ ReceptorÂ Antagonist |
| Â Â Â AdrenergicÂ Stimulants,Â Central | Â Â Â AntithyroidÂ Drugsâ€ | Â Â Â MonoamineÂ OxidaseÂ Inhibitors |
| Â Â Â AlcoholÂ AbuseÂ Reduction | Â Â Â Beta-AdrenergicÂ Blockers | Â Â Â Narcotics,Â prolonged |
| Â Â Â Â Â Â Â Preparations | Â Â Â CholelitholyticÂ Agents | Â Â Â NonsteroidalÂ Anti- |
| Â Â Â Analgesics | Â Â Â DiabetesÂ Agents,Â Oral | Â Â Â Â Â Â Â Â Â InflammatoryÂ Agents |
| Â Â Â Anesthetics,Â Inhalation | Â Â Â Diureticsâ€ | Â Â Â ProtonÂ PumpÂ Inhibitors |
| Â Â Â Antiandrogen | Â Â Â FungalÂ Medications,Â | Â Â Â Psychostimulants |
| Â Â Â Antiarrhythmicsâ€ | Â Â Â Â Â Â Â Intravaginal,Â Systemicâ€ | Â Â Â Pyrazolones |
| Â Â Â Antibioticsâ€ | Â Â Â GastricÂ AcidityÂ andÂ Peptic | Â Â Â Salicylates |
| Â Â Â Â Â Â AminoglycosidesÂ (oral) | Â Â Â Â Â Â Â UlcerÂ Agentsâ€ | Â Â Â SelectiveÂ Serotonin |
| Â Â Â Â Â Â Cephalosporins,Â parenteral | Â Â Â Gastrointestinal | Â Â Â Â Â Â Â Â Â ReuptakeÂ Inhibitors |
| Â Â Â Â Â Â Macrolides | Â Â Â Â Â Â Â ProkineticÂ Agents | Â Â Â Steroids,Â Adrenocorticalâ€ |
| Â Â Â Â Â Â Miscellaneous | Â Â Â Â Â Â Â UlcerativeÂ ColitisÂ Agents | Â Â Â Steroids,Â AnabolicÂ (17-Alkyl |
| Â Â Â Â Â Â Penicillins,Â intravenous, | Â Â Â GoutÂ TreatmentÂ Agents | Â Â Â Â Â Â Â Â Â Â TestosteroneÂ Derivatives) |
| Â Â Â Â Â Â Â Â Â highÂ dose | Â Â Â HemorrheologicÂ Agents | Â Â Â Thrombolytics |
| Â Â Â Â Â Â QuinolonesÂ (fluoroquinolones) | Â Â Â HepatotoxicÂ Drugs | Â Â Â ThyroidÂ Drugs |
| Â Â Â Â Â Â Sulfonamides,Â longÂ acting | Â Â Â HyperglycemicÂ Agents | Â Â Â TuberculosisÂ Agentsâ€ |
| Â Â Â Â Â Â Tetracyclines | Â Â Â HypertensiveÂ EmergencyÂ Â AgentsÂ Â  Â Â Â Â Â Â Â | Â Â Â UricosuricÂ Agents |
| Â Â Â Anticoagulants | Â Â Â Hypnoticsâ€ | Â Â Â Vaccines |
| Â Â Â Anticonvulsantsâ€ | Â Â Â Hypolipidemicsâ€ | Â Â Â Vitaminsâ€ |
| Â Â Â Antidepressantsâ€ | Â Â Â Â Â Â BileÂ Acid-BindingÂ Resinsâ€ |  |
| Â Â Â AntimalarialÂ Agents | Â Â Â Â Â Â FibricÂ AcidÂ Derivatives |  |
| Â Â Â Antineoplasticsâ€ | Â Â Â Â Â Â HMG-CoAÂ ReductaseÂ Â Â Inhibitorsâ€ |  |
| Â Â Â Antiparasitic/Antimicrobials |  |  |
|  |  |  |
| Â Â Â acetaminophen | Â Â Â fenoprofen | Â Â Â paroxetine |
| Â Â Â alcohol | Â Â Â fluconazole | Â Â Â penicillinÂ G,Â intravenous |
| Â Â Â allopurinol | Â Â Â fluorouracil | Â Â Â pentoxifylline |
| Â Â Â aminosalicylicÂ acid | Â Â Â fluoxetine | Â Â Â phenylbutazone |
| Â Â Â amiodaroneÂ HCl | Â Â Â flutamide | Â Â Â phenytoin |
| Â Â Â argatroban | Â Â Â fluvastatin | Â Â Â piperacillin |
| Â Â Â aspirin | Â Â Â fluvoxamine | Â Â Â piroxicam |
| Â Â Â atenolol | Â Â Â gefitinib | Â Â Â pravastatin |
| Â Â Â atorvastatin | Â Â Â gemfibrozil | Â Â Â prednisone |
| Â Â Â azithromycin | Â Â Â glucagon | Â Â Â propafenone |
| Â Â Â bivalirudin | Â Â Â halothane | Â Â Â propoxyphene |
| Â Â Â capecitabine | Â Â Â heparin | Â Â Â propranolol |
| Â Â Â cefamandole | Â Â Â ibuprofen | Â Â Â propylthiouracil |
| Â Â Â cefazolin | Â Â Â ifosfamide | Â Â Â quinidine |
| Â Â Â cefoperazone | Â Â Â indomethacin | Â Â Â quinine |
| Â Â Â cefotetan | Â Â Â influenzaÂ virusÂ vaccine | Â Â Â rabeprazole |
| Â Â Â cefoxitin | Â Â Â itraconazole | Â Â Â ranitidine |
| Â Â Â ceftriaxone | Â Â Â ketoprofen | Â Â Â rofecoxib |
| Â Â Â celecoxib | Â Â Â ketorolac | Â Â Â sertraline |
| Â Â Â cerivastatin | Â Â Â lansoprazole | Â Â Â simvastatin |
| Â Â Â chenodiol | Â Â Â lepirudin | Â Â Â stanozolol |
| Â Â Â chloramphenicol | Â Â Â levamisole | Â Â Â streptokinase |
| Â Â Â chloralÂ hydrate | Â Â Â levofloxacin | Â Â Â sulfamethizole |
| Â Â Â chlorpropamide | Â Â Â levothyroxine | Â Â Â sulfamethoxazole |
| Â Â Â cholestyramine | Â Â Â liothyronine | Â Â Â sulfinpyrazone |
| Â Â Â cimetidine | Â Â Â lovastatin | Â Â Â sulfisoxazole |
| Â Â Â ciprofloxacin | Â Â Â mefenamicÂ acid | Â Â Â sulindac |
| Â Â Â cisapride | Â Â Â methimazole | Â Â Â tamoxifen |
| Â Â Â clarithromycin | Â Â Â methyldopa | Â Â Â tetracycline |
| Â Â Â clofibrate | Â Â Â methylphenidate | Â Â Â thyroid |
| Â Â Â warfarinÂ sodium overdose | Â Â Â methylsalicylate ointmentÂ (topical) | Â Â Â ticarcillin |
| Â Â Â cyclophosphamide | Â Â Â metronidazole | Â Â Â ticlopidine |
| Â Â Â danazol | Â Â Â miconazoleÂ | Â Â Â tissueÂ plasminogen |
| Â Â Â dextran | Â Â Â (intravaginal,Â oral,Â systemic) | Â Â Â activatorÂ (t-PA) |
| Â Â Â dextrothyroxine | Â Â Â moricizineÂ hydrochloride | Â Â Â tolbutamide |
| Â Â Â diazoxide | Â Â Â nalidixicÂ acid | Â Â Â tramadol |
| Â Â Â diclofenac | Â Â Â naproxen | Â Â Â trimethoprim/sulfamethoxazole |
| Â Â Â dicumarol | Â Â Â neomycin | Â Â Â urokinase |
| Â Â Â diflunisal | Â Â Â norfloxacin | Â Â Â valdecoxib |
| Â Â Â disulfiram | Â Â Â ofloxacin | Â Â Â valproate |
| Â Â Â doxycycline | Â Â Â olsalazine | Â Â Â vitaminÂ E |
| Â Â Â erythromycin | Â Â Â omeprazole | Â Â Â zafirlukast |
| Â Â Â esomeprazole | Â Â Â oxandrolone | Â Â Â zileuton |
| Â Â Â ethacrynicÂ acid | Â Â Â oxaprozin |  |
| Â Â Â ezetimibe | Â Â Â oxymetholone |  |
| Â Â Â fenofibrate | Â Â Â pantoprazole |  |

Files with this table string: ['../data/warfarin/TABLE-694e258d-86bd-440c-870b-a7d27fb1c467-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

| Drug Class | Specific Drugs |
| --- | --- |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-801e4da1-5459-47d2-b67b-009f0a3247cc-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
| blood dyscrasias - Â Â see  cancer collagen vascular disease congestive heart failure | diarrhea elevated temperature hepatic disorders Â Â infectious hepatitis Â Â jaundice | hyperthyroidism poor nutritional state steatorrhea vitamin K deficiency |

Files with this table string: ['../data/warfarin/TABLE-1f7e1308-e6f5-4380-8d85-e2a22bdec9db-drugInteractions-1.txt', '../data/warfarin/TABLE-75f9abdf-52f2-48ee-b65b-9160c38564ec-drugInteractions-1.txt']

|  |  |
| --- | --- |
|  |  |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-3ebcb71e-9a7e-4969-abb9-7c7d3e3aae3c-drugInteractions-1.txt']

Table 3:Â Â Â Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-58728c03-948a-4940-b1be-5aeadab29c74-drugInteractions-0.txt', '../data/warfarin/TABLE-6c52f923-61a9-41b1-877a-363df6ca897e-drugInteractions-0.txt', '../data/warfarin/TABLE-98ba5f6a-925e-4f98-a023-6cafa86ed74a-drugInteractions-0.txt']

Table 2 Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
|  |  |  |
| CYP2C9Â | amiodarone,Â capecitabine,Â cotrimoxazole,Â etravirine,Â fluconazole,Â fluvastatin,Â fluvoxamine,Â metronidazoleÂ miconazole,Â oxandrolone,Â sulfinpyrazone,Â tigecycline,Â voriconazole,Â zafirlukast | aprepitant,Â bosentan,Â carbamazepine,Â phenobarbital,Â rifampinÂ |
| CYP1A2Â | acyclovir,Â allopurinol,Â caffeine,Â cimetidine,Â ciprofloxacin,Â disulfiram,Â enoxacin,Â famotidine,Â fluvoxamine,Â methoxsalen,Â mexiletine,Â norfloxacin,Â oralÂ contraceptives,Â phenylpropanolamine,Â propafenone,Â propranolol,Â terbinafine,Â thiabendazole,Â ticlopidine,Â verapamil,Â zileuton | montelukast,Â moricizine,Â omeprazole,Â phenobarbital,Â phenytoin,Â cigaretteÂ smokingÂ |
| CYP3A4Â | alprazolam,Â amiodarone,Â amlodipine,Â amprenavir,Â aprepitant,Â atorvastatin,Â atazanavir,Â bicalutamide,Â cilostazol,Â cimetidine,Â ciprofloxacin,Â clarithromycin,Â conivaptan,Â cyclosporine,Â darunavir/ritonavir,Â diltiazem,Â erythromycin,Â fluconazole,Â fluoxetine,Â fluvoxamine,Â fosamprenavir,Â imatinib,Â indinavir,Â isoniazid,Â itraconazole,Â ketoconazole,Â lopinavir/ritonavir,Â nefazodone,Â nelfinavir,Â nilotinib,Â oralÂ contraceptives,Â posaconazole,Â ranitidine,Â ranolazine,Â ritonavir,Â saquinavir,Â telithromycin,Â tipranavir,Â voriconazole,Â zileuton | armodafinil,Â amprenavir,Â aprepitant,Â bosentan,Â carbamazepine,Â efavirenz,Â etravirine,Â modafinil,Â nafcillin,Â phenytoin,Â pioglitazone,Â prednisone,Â rifampin,Â rufinamideÂ |

Files with this table string: ['../data/warfarin/TABLE-0392a32a-4546-4d58-834e-880b4db2d2f5-drugInteractions-0.txt', '../data/warfarin/TABLE-8547fd78-7483-4790-8c45-0da3c7e6b7b6-drugInteractions-0.txt', '../data/warfarin/TABLE-8ad881e0-ca41-42ad-9d7d-eb85b3a30af0-drugInteractions-0.txt', '../data/warfarin/TABLE-ab50f13c-7ec9-44b4-9a9f-ee3ddda6c8ea-drugInteractions-0.txt', '../data/warfarin/TABLE-b1b766b1-0327-48cd-ab01-e85038cf365f-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

| Enzyme | Inhibitors | Inducers |
| --- | --- | --- |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole, miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-36a919ce-7a21-40c0-9af5-2299bf2b1f97-drugInteractions-2.txt']

|  |  |
| --- | --- |
| edema | hypothyroidismÂ |
| hereditaryÂ coumarinÂ resistance | nephroticÂ syndrome |
| hyperlipemia |  |

Files with this table string: ['../data/warfarin/TABLE-3fb2aa58-3a40-4255-a261-e2db5b9a5dde-drugInteractions-0.txt', '../data/warfarin/TABLE-4445c26e-ec5c-40f4-956b-93c12fc73c1d-drugInteractions-0.txt', '../data/warfarin/TABLE-77f258d9-f380-4815-8140-0b2bfda3099c-drugInteractions-0.txt', '../data/warfarin/TABLE-e9d8fb69-a4c7-48cb-a4a9-e5d18eb4fd63-drugInteractions-0.txt']

Table 2 Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
|  |  |  |
| CYP2C9Â | amiodarone,Â capecitabine,Â cotrimoxazole,Â etravirine,Â fluconazole,Â fluvastatin,Â fluvoxamine,Â metronidazoleÂ miconazole,Â oxandrolone,Â sulfinpyrazone,Â tigecycline,Â voriconazole,Â zafirlukast | aprepitant,Â bosentan,Â carbamazepine,Â phenobarbital,Â rifampinÂ |
| CYP1A2Â | acyclovir,Â allopurinol,Â caffeine,Â cimetidine,Â ciprofloxacin,Â disulfiram,Â enoxacin,Â famotidine,Â fluvoxamine,Â methoxsalen,Â mexiletine,Â norfloxacin,Â oralÂ contraceptives,Â phenylpropanolamine,Â propafenone,Â propranolol,Â terbinafine,Â thiabendazole,Â ticlopidine,Â verapamil,Â zileuton | montelukast,Â moricizine,Â omeprazole,Â phenobarbital,Â phenytoin,Â cigaretteÂ smokingÂ |
| CYP3A4Â | alprazolam,Â amiodarone,Â amlodipine,Â amprenavir,Â aprepitant,Â atorvastatin,Â atazanavir,Â bicalutamide,Â cilostazol,Â cimetidine,Â ciprofloxacin,Â clarithromycin,Â conivaptan,Â cyclosporine,Â darunavir/ritonavir,Â diltiazem,Â erythromycin,Â fluconazole,Â fluoxetine,Â fluvoxamine,Â fosamprenavir,Â imatinib,Â indinavir,Â isoniazid,Â itraconazole,Â ketoconazole,Â lopinavir/ritonavir,Â nefazodone,Â nelfinavir,Â nilotinib,Â oralÂ contraceptives,Â posaconazole,Â ranitidine,Â ranolazine,Â ritonavir,Â saquinavir,Â telithromycin,Â tipranavir,Â voriconazole,Â zileuton | armodafinil,Â amprenavir,Â aprepitant,Â bosentan,Â carbamazepine,Â efavirenz,Â etravirine,Â modafinil,Â nafcillin,Â phenytoin,Â pioglitazone,Â prednisone,Â rifampin,Â rufinamideÂ |

Files with this table string: ['../data/warfarin/TABLE-a1150d78-57cc-4216-beff-f7ea7364ab89-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
| blood dyscrasias - see cancer collagen vascular disease congestive heart failure | diarrhea elevated temperature hepatic disorders infectious hepatitis jaundice | hyperthyroidism poor nutritional state steatorrhea vitamin K deficiency |

Files with this table string: ['../data/warfarin/TABLE-58728c03-948a-4940-b1be-5aeadab29c74-drugInteractions-1.txt', '../data/warfarin/TABLE-6c52f923-61a9-41b1-877a-363df6ca897e-drugInteractions-1.txt', '../data/warfarin/TABLE-98ba5f6a-925e-4f98-a023-6cafa86ed74a-drugInteractions-1.txt']

Table 3Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
|  |  |
| AnticoagulantsÂ | argatroban,Â dabigatran,Â bivalirudin,Â desirudin,Â heparin,Â lepirudinÂ |
| AntiplateletÂ AgentsÂ | aspirin,Â cilostazol,Â clopidogrel,Â dipyridamole,Â prasugrel,Â ticlopidineÂ |
| NonsteroidalÂ Anti-InflammatoryÂ AgentsÂ | celecoxib,Â diclofenac,Â diflunisal,Â fenoprofen,Â ibuprofen,Â indomethacin,Â ketoprofen,Â ketorolac,Â mefenamicÂ acid,Â naproxen,Â oxaprozin,Â piroxicam,Â sulindacÂ |
| SerotoninÂ ReuptakeÂ InhibitorsÂ | citalopram,Â desvenlafaxine,Â duloxetine,Â escitalopram,Â fluoxetine,Â fluvoxamine,Â milnacipran,Â paroxetine,Â sertraline,Â venlafaxine,Â vilazodoneÂ |

Files with this table string: ['../data/warfarin/TABLE-030dac01-d589-4c3e-94dc-a9088b6a1171-drugInteractions-1.txt', '../data/warfarin/TABLE-e6d0a19a-8d4e-4c58-a3e4-d90c88acd499-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
| Drug Class | Specific Drugs |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-054dcdd1-4276-4137-b551-48edd8b7f218-drugInteractions-3.txt']

|  |  |  |
| --- | --- | --- |
|  | | |
| Â Â Â AdrenalÂ CorticalÂ SteroidÂ InhibitorsÂ | Â Â Â AntipsychoticÂ Medications | Â Â Â Hypolipidemicsâ€ |
| Â Â Â Antacids | Â Â Â AntithyroidÂ Drugsâ€ | Â Â Â BileÂ Acid-BindingÂ Resinsâ€ |
| Â Â Â AntianxietyÂ Agents  Â Â Â Antiarrhythmicsâ€ | Â Â Â Barbiturates  Â Â Â Diureticsâ€ | Â Â Â HMG-CoAÂ ReductaseÂ Inhibitorsâ€ |
| Â Â Â Anticonvulsantsâ€ | Â Â Â EnteralÂ NutritionalÂ SupplementsÂ | Â Â Â Immunosuppressives |
| Â Â Â Antidepressantsâ€ | Â Â Â FungalÂ Medications,Â Systemicâ€ | Â Â Â OralÂ Contraceptives, |
| Â Â Â Antihistamines | Â Â Â GastricÂ AcidityÂ andÂ PepticÂ  UlcerÂ Agentsâ€ | Â Â Â EstrogenÂ Containing |
| Â Â Â Antineoplasticsâ€ | Â Â Â Hypnoticsâ€ | Â Â Â SelectiveÂ EstrogenÂ ReceptorÂ Modulators |
|  |  | Â Â Â Steroids,Â Adrenocorticalâ€ |
|  |  | Â Â Â TuberculosisÂ Agentsâ€   Â Â Â Vitaminsâ€ |
|  |  |  |
| Â Â Â alcohol | Â Â Â warfarinÂ sodiumÂ underdosage | Â Â Â phenytoin |
| Â Â Â aminoglutethimide | Â Â Â cyclophosphamide | Â Â Â pravastatin |
| Â Â Â amobarbital | Â Â Â dicloxacillin | Â Â Â prednisone |
| Â Â Â atorvastatin | Â Â Â ethchlorvynol | Â Â Â primidone |
| Â Â Â azathioprine | Â Â Â glutethimide | Â Â Â propylthiouracil |
| Â Â Â butabarbital | Â Â Â griseofulvin | Â Â Â raloxifene |
| Â Â Â butalbital | Â Â Â haloperidol | Â Â Â ranitidine |
| Â Â Â carbamazepine | Â Â Â meprobamate | Â Â Â rifampin |
| Â Â Â chloralÂ hydrate | Â Â Â 6-mercaptopurine | Â Â Â secobarbital |
| Â Â Â chlordiazepoxide | Â Â Â methimazole | Â Â Â spironolactone |
| Â Â Â chlorthalidone | Â Â Â moricizineÂ hydrochloride | Â Â Â sucralfate |
| Â Â Â cholestyramine | Â Â Â nafcillin | Â Â Â trazodone |
| Â Â Â clozapine | Â Â Â paraldehyde | Â Â Â vitaminÂ CÂ (highÂ dose) |
| Â Â Â corticotropin | Â Â Â pentobarbital | Â Â Â vitaminÂ K |
| Â Â Â cortisone | Â Â Â phenobarbital |  |

Files with this table string: ['../data/warfarin/TABLE-5907ef77-9c4d-4e3f-be7b-6157ebad2173-drugInteractions-1.txt', '../data/warfarin/TABLE-6b09bf23-ebdf-4422-b755-0d877a01ea38-drugInteractions-1.txt', '../data/warfarin/TABLE-91fa852c-b43d-4a55-983b-74aa6827125d-drugInteractions-1.txt', '../data/warfarin/TABLE-ba41b963-ec4a-4421-ac93-26654876a6be-drugInteractions-1.txt', '../data/warfarin/TABLE-c0f238ff-2804-4150-9766-22a5111b4e74-drugInteractions-1.txt', '../data/warfarin/TABLE-cd6d1b85-0ba2-4a10-a5b8-25496ae13fa3-drugInteractions-1.txt', '../data/warfarin/TABLE-d91934a0-902e-c26c-23ca-d5accc4151b6-drugInteractions-1.txt']

Table 3:Â Â Â Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-0392a32a-4546-4d58-834e-880b4db2d2f5-drugInteractions-1.txt', '../data/warfarin/TABLE-8547fd78-7483-4790-8c45-0da3c7e6b7b6-drugInteractions-1.txt', '../data/warfarin/TABLE-8ad881e0-ca41-42ad-9d7d-eb85b3a30af0-drugInteractions-1.txt', '../data/warfarin/TABLE-ab50f13c-7ec9-44b4-9a9f-ee3ddda6c8ea-drugInteractions-1.txt', '../data/warfarin/TABLE-b1b766b1-0327-48cd-ab01-e85038cf365f-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

| Drug Class | Specific Drugs |
| --- | --- |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-030dac01-d589-4c3e-94dc-a9088b6a1171-drugInteractions-0.txt', '../data/warfarin/TABLE-e6d0a19a-8d4e-4c58-a3e4-d90c88acd499-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
| Enzyme | Inhibitors | Inducers |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole, miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-3ebcb71e-9a7e-4969-abb9-7c7d3e3aae3c-drugInteractions-0.txt']

Table 2:Ã‚Â Ã‚Â Ã‚Â Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole, miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-26e08f6a-4982-4c37-97de-3eb492148bd7-drugInteractions-1.txt', '../data/warfarin/TABLE-4e2045c4-4fee-4cc2-b014-6b04a7cea7a5-drugInteractions-1.txt', '../data/warfarin/TABLE-51c96814-18d9-4c5e-86d1-aced9499dfdf-drugInteractions-1.txt', '../data/warfarin/TABLE-56381618-955b-4e4c-b6de-bde4e4abf42e-drugInteractions-1.txt', '../data/warfarin/TABLE-7999d658-ddb7-4470-87fe-202358ce4c17-drugInteractions-1.txt', '../data/warfarin/TABLE-89b48f74-7188-4bf2-a99b-6e9b9bc8720f-drugInteractions-1.txt', '../data/warfarin/TABLE-9802402a-00e5-4446-832c-cb01e0af7b3e-drugInteractions-1.txt', '../data/warfarin/TABLE-a9ca7308-059b-4d24-a0af-aa85adc108df-drugInteractions-1.txt', '../data/warfarin/TABLE-abfb23bd-54b5-4ec7-a067-814167f2060f-drugInteractions-1.txt', '../data/warfarin/TABLE-c01c31e0-9c1b-4bb6-ae6e-0b805264c4e6-drugInteractions-1.txt', '../data/warfarin/TABLE-d655ff56-c17d-4331-8e9c-93e36f4ffeae-drugInteractions-1.txt']

Table 3:Â Â Â Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
|  |  |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-36a919ce-7a21-40c0-9af5-2299bf2b1f97-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
| bloodÂ dyscrasiasÂ â€” Â Â | diarrhea Â Â | Â Â hyperthyroidism |
| Â Â Â seeÂ Â Â | elevatedÂ temperature | Â Â poorÂ nutritionalÂ state Â Â Â |
| cancer | Â hepaticÂ disorders | Â Â steatorrhea |
| collagenÂ vascularÂ disease | Â Â Â Â infectiousÂ hepatitis | Â Â vitaminÂ KÂ deficiency |
| congestiveÂ heartÂ failure | Â Â Â Â jaundice |  |

Files with this table string: ['../data/warfarin/TABLE-3018b992-64ca-41d0-aa43-6b97d4919ede-drugInteractions-0.txt', '../data/warfarin/TABLE-514bf988-9d2f-4727-a6ba-a99aa0fd61f6-drugInteractions-0.txt', '../data/warfarin/TABLE-56df6dd1-d63a-4584-9196-5ba4799d1c45-drugInteractions-0.txt', '../data/warfarin/TABLE-651d3aa8-97b1-4fb8-899e-d2448ab41432-drugInteractions-0.txt', '../data/warfarin/TABLE-6a0068ba-19bd-4711-b894-868fd007a613-drugInteractions-0.txt', '../data/warfarin/TABLE-70741a88-5e0f-4171-89c8-425fb4e234e8-drugInteractions-0.txt', '../data/warfarin/TABLE-95e23715-f2bf-4998-aa51-3a7964e2cbb3-drugInteractions-0.txt', '../data/warfarin/TABLE-9c45edc1-5935-4685-9404-6ce7b7bb4056-drugInteractions-0.txt', '../data/warfarin/TABLE-bc7ed493-67b3-476a-829f-6ccf48c874c1-drugInteractions-0.txt', '../data/warfarin/TABLE-f11079c4-f085-4558-bee9-c159525b2497-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
| Enzyme | Inhibitors | Inducers |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-d52a68b4-86a8-40a4-9f74-a3ef5795db51-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
|  |  |  |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-bd72a7c7-ff12-4b95-8d39-4426231bd5aa-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

| Drug Class | Specific Drugs |
| --- | --- |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-36a919ce-7a21-40c0-9af5-2299bf2b1f97-drugInteractions-1.txt']

|  |  |  |
| --- | --- | --- |
|  | | |
| Â Â Â 5-lipoxygenaseÂ Inhibitor | Â Â Â AntiplateletÂ Drugs/Effects | Â Â Â LeukotrieneÂ ReceptorÂ Antagonist |
| Â Â Â AdrenergicÂ Stimulants,Â Central | Â Â Â AntithyroidÂ Drugsâ€ | Â Â Â MonoamineÂ OxidaseÂ Inhibitors |
| Â Â Â AlcoholÂ AbuseÂ Reduction | Â Â Â Beta-AdrenergicÂ Blockers | Â Â Â Narcotics,Â prolonged |
| Â Â Â Â Â Â Â Preparations | Â Â Â CholelitholyticÂ Agents | Â Â Â NonsteroidalÂ Anti- |
| Â Â Â Analgesics | Â Â Â DiabetesÂ Agents,Â Oral | Â Â Â Â Â Â Â Â Â InflammatoryÂ Agents |
| Â Â Â Anesthetics,Â Inhalation | Â Â Â Diureticsâ€ | Â Â Â ProtonÂ PumpÂ Inhibitors |
| Â Â Â Antiandrogen | Â Â Â FungalÂ Medications,Â | Â Â Â Psychostimulants |
| Â Â Â Antiarrhythmicsâ€ | Â Â Â Â Â Â Â Intravaginal,Â Systemicâ€ | Â Â Â Pyrazolones |
| Â Â Â Antibioticsâ€ | Â Â Â GastricÂ AcidityÂ andÂ Peptic | Â Â Â Salicylates |
| Â Â Â Â Â Â AminoglycosidesÂ (oral) | Â Â Â Â Â Â Â UlcerÂ Agentsâ€ | Â Â Â SelectiveÂ Serotonin |
| Â Â Â Â Â Â Cephalosporins,Â parenteral | Â Â Â Gastrointestinal | Â Â Â Â Â Â Â Â Â ReuptakeÂ Inhibitors |
| Â Â Â Â Â Â Macrolides | Â Â Â Â Â Â Â ProkineticÂ Agents | Â Â Â Steroids,Â Adrenocorticalâ€ |
| Â Â Â Â Â Â Miscellaneous | Â Â Â Â Â Â Â UlcerativeÂ ColitisÂ Agents | Â Â Â Steroids,Â AnabolicÂ (17-Alkyl |
| Â Â Â Â Â Â Penicillins,Â intravenous, | Â Â Â GoutÂ TreatmentÂ Agents | Â Â Â Â Â Â Â Â Â Â TestosteroneÂ Derivatives) |
| Â Â Â Â Â Â Â Â Â highÂ dose | Â Â Â HemorrheologicÂ Agents | Â Â Â Thrombolytics |
| Â Â Â Â Â Â QuinolonesÂ (fluoroquinolones) | Â Â Â HepatotoxicÂ Drugs | Â Â Â ThyroidÂ Drugs |
| Â Â Â Â Â Â Sulfonamides,Â longÂ acting | Â Â Â HyperglycemicÂ Agents | Â Â Â TuberculosisÂ Agentsâ€ |
| Â Â Â Â Â Â Tetracyclines | Â Â Â HypertensiveÂ EmergencyÂ Â AgentsÂ Â  Â Â Â Â Â Â Â | Â Â Â UricosuricÂ Agents |
| Â Â Â Anticoagulants | Â Â Â Hypnoticsâ€ | Â Â Â Vaccines |
| Â Â Â Anticonvulsantsâ€ | Â Â Â Hypolipidemicsâ€ | Â Â Â Vitaminsâ€ |
| Â Â Â Antidepressantsâ€ | Â Â Â Â Â Â BileÂ Acid-BindingÂ Resinsâ€ |  |
| Â Â Â AntimalarialÂ Agents | Â Â Â Â Â Â FibricÂ AcidÂ Derivatives |  |
| Â Â Â Antineoplasticsâ€ Â Â Â | Â Â Â Â Â Â HMG-CoAÂ ReductaseÂ Â Â Inhibitorsâ€ |  |
| Â Â Â Antiparasitic/Antimicrobials |  |  |
|  |  |  |
| Â Â Â acetaminophen | Â Â Â fenoprofen | Â Â Â paroxetine |
| Â Â Â alcohol | Â Â Â fluconazole | Â Â Â penicillinÂ G,Â intravenous |
| Â Â Â allopurinol | Â Â Â fluorouracil | Â Â Â pentoxifylline |
| Â Â Â aminosalicylicÂ acid | Â Â Â fluoxetine | Â Â Â phenylbutazone |
| Â Â Â amiodaroneÂ HCl | Â Â Â flutamide | Â Â Â phenytoin |
| Â Â Â argatroban | Â Â Â fluvastatin | Â Â Â piperacillin |
| Â Â Â aspirin | Â Â Â fluvoxamine | Â Â Â piroxicam |
| Â Â Â atenolol | Â Â Â gefitinib | Â Â Â pravastatin |
| Â Â Â atorvastatin | Â Â Â gemfibrozil | Â Â Â prednisone |
| Â Â Â azithromycin | Â Â Â glucagon | Â Â Â propafenone |
| Â Â Â bivalirudin | Â Â Â halothane | Â Â Â propoxyphene |
| Â Â Â capecitabine | Â Â Â heparin | Â Â Â propranolol |
| Â Â Â cefamandole | Â Â Â ibuprofen | Â Â Â propylthiouracil |
| Â Â Â cefazolin | Â Â Â ifosfamide | Â Â Â quinidine |
| Â Â Â cefoperazone | Â Â Â indomethacin | Â Â Â quinine |
| Â Â Â cefotetan | Â Â Â influenzaÂ virusÂ vaccine | Â Â Â rabeprazole |
| Â Â Â cefoxitin | Â Â Â itraconazole | Â Â Â ranitidine |
| Â Â Â ceftriaxone | Â Â Â ketoprofen | Â Â Â rofecoxib |
| Â Â Â celecoxib | Â Â Â ketorolac | Â Â Â sertraline |
| Â Â Â cerivastatin | Â Â Â lansoprazole | Â Â Â simvastatin |
| Â Â Â chenodiol | Â Â Â lepirudin | Â Â Â stanozolol |
| Â Â Â chloramphenicol | Â Â Â levamisole | Â Â Â streptokinase |
| Â Â Â chloralÂ hydrate | Â Â Â levofloxacin | Â Â Â sulfamethizole |
| Â Â Â chlorpropamide | Â Â Â levothyroxine | Â Â Â sulfamethoxazole |
| Â Â Â cholestyramine | Â Â Â liothyronine | Â Â Â sulfinpyrazone |
| Â Â Â cimetidine | Â Â Â lovastatin | Â Â Â sulfisoxazole |
| Â Â Â ciprofloxacin | Â Â Â mefenamicÂ acid | Â Â Â sulindac |
| Â Â Â cisapride | Â Â Â methimazole | Â Â Â tamoxifen |
| Â Â Â clarithromycin | Â Â Â methyldopa | Â Â Â tetracycline |
| Â Â Â clofibrate | Â Â Â methylphenidate | Â Â Â thyroid |
| Â Â Â warfarinÂ sodium overdose | Â Â Â methylsalicylate ointmentÂ (topical) | Â Â Â ticarcillin |
| Â Â Â cyclophosphamide | Â Â Â metronidazole | Â Â Â ticlopidine |
| Â Â Â danazol | Â Â Â miconazoleÂ | Â Â Â tissueÂ plasminogen |
| Â Â Â dextran | Â Â Â (intravaginal,Â oral,Â systemic) | Â Â Â activatorÂ (t-PA) |
| Â Â Â dextrothyroxine | Â Â Â moricizineÂ hydrochloride | Â Â Â tolbutamide |
| Â Â Â diazoxide | Â Â Â nalidixicÂ acid | Â Â Â tramadol |
| Â Â Â diclofenac | Â Â Â naproxen | Â Â Â trimethoprim/sulfamethoxazole |
| Â Â Â dicumarol | Â Â Â neomycin | Â Â Â urokinase |
| Â Â Â diflunisal | Â Â Â norfloxacin | Â Â Â valdecoxib |
| Â Â Â disulfiram | Â Â Â ofloxacin | Â Â Â valproate |
| Â Â Â doxycycline | Â Â Â olsalazine | Â Â Â vitaminÂ E |
| Â Â Â erythromycin | Â Â Â omeprazole | Â Â Â zafirlukast |
| Â Â Â esomeprazole | Â Â Â oxandrolone | Â Â Â zileuton |
| Â Â Â ethacrynicÂ acid | Â Â Â oxaprozin |  |
| Â Â Â ezetimibe | Â Â Â oxymetholone |  |
| Â Â Â fenofibrate | Â Â Â pantoprazole |  |

Files with this table string: ['../data/warfarin/TABLE-a1150d78-57cc-4216-beff-f7ea7364ab89-drugInteractions-2.txt']

| Specific Drugs Reported | | | |
| --- | --- | --- | --- |
| also: other medications affecting blood elements which may modify hemostasis dietary deficiencies prolonged hot weather unreliable PT/INR determinations â€ Increased and decreased PT/INR responses have been reported. | | | |
| acetaminophen alcoholâ€  allopurinol aminosalicylic acid amiodarone HCl argatroban aspirin atenolol atorvastatinâ€  azithromycin bivalirudin capecitabine cefamandole cefazolin cefoperazone cefotetan cefoxitin ceftriaxone celecoxib cerivastatin chenodiol chloramphenicol chloral hydrateâ€  chlorpropamide cholestyramineâ€  cimetidine ciprofloxacin cisapride clarithromycin clofibrate cyclophosphamideâ€  danazol dextran dextrothyroxine diazoxide | diclofenac dicumarol diflunisal disulfiram doxycycline erythromycin esomeprazole ethacrynic acid ezetimibe fenofibrate fenoprofen fluconazole fluorouracil fluoxetine flutamide fluvastatin fluvoxamine gefitinib gemifibrozil glucagon halothane heparin ibuprofen ifosfamide indomethacin influenza virus vaccine itraconazole ketoprofen ketorolac lansoprazole lepirudin levamisole levofloxacin levothyroxine liothyronine | lovastatin mefenamic acid methimazoleâ€  methyldopa methylphenidate methylsalicylate ointment (topical) metronidazole miconazole (intravaginal, oral, systemic) moricizine hydrochlorideâ€  nalidixic acid naproxen neomycin norfloxacin ofloxacin olsalazine omeprazole oxandrolone oxaprozin oxymetholone pantoprazole paroxetine penicillin G, intravenous pentoxifylline phenylbutazone phenytoinâ€  piperacillin piroxicam pravastatinâ€  prednisoneâ€  propafenone | propoxyphene propranolol propylthiouracilâ€  quinidine quinine rabeprazole ranitidineâ€  rofecoxib sertraline simvastatin stanozolol streptokinase sulfamethizole sulfamethoxazole sulfinpyrazone sulfisoxazole sulindac tamoxifen tetracycline thyroid ticarcillin ticlopidine tissue plasminogen activator (t-PA) tolbutamide tramadol trimethoprim/ sulfamethoxazole urokinase valdecoxib valproate vitamin E warfarin overdose zafirlukast zileuton |

Files with this table string: ['../data/warfarin/TABLE-a0cfad4b-043e-451e-bfd6-1fe1ac1bd0d6-drugInteractions-5.txt', '../data/warfarin/TABLE-b6233f92-0d92-44d0-82cb-bacccb61d970-drugInteractions-5.txt', '../data/warfarin/TABLE-c437507c-d308-4aac-aa5e-a54972c7fa95-drugInteractions-5.txt']

| Specific Drugs Reported | | | |
| --- | --- | --- | --- |
| also: diet high in vitamin K unreliable PT/INR determinations â€ Increased and decreased PT/INR responses have been reported. | | | |
| alcoholâ€  aminoglutethimide amobarbital atorvastatinâ€  azathioprine butabarbital butalbital carbamazepine chloral hydrateâ€  chlordiazepoxide chlorthalidone | cholestyramineâ€  clozapine corticotropin cortisone cyclophosphamideâ€  dicloxacillin ethchlorvynol glutethimide griseofulvin haloperidol meprobamate | 6-mercaptopurine methimazoleâ€  moricizine hydrochlorideâ€  nafcillin paraldehyde pentobarbital phenobarbital phenytoinâ€  pravastatinâ€  prednisoneâ€  primidone | propylthiouracilâ€  raloxifene ranitidineâ€  rifampin secobarbital spironolactone sucralfate trazodone vitamin C (high dose) vitamin K warfarin underdosage |

Files with this table string: ['../data/warfarin/TABLE-801e4da1-5459-47d2-b67b-009f0a3247cc-drugInteractions-3.txt']

|  |  |
| --- | --- |
| edema hereditary coumarin resistance hyperlipemia | hypothyroidism nephrotic syndrome |

Files with this table string: ['../data/warfarin/TABLE-a1150d78-57cc-4216-beff-f7ea7364ab89-drugInteractions-4.txt']

| Classes of Drugs | | |
| --- | --- | --- |
| Adrenal Cortical Steroid Inhibitors Antacids Antianxiety Agents Antiarrhythmicsâ€  Antibioticsâ€  Anticonvulsantsâ€  Antidepressantsâ€  Antihistamines Antineoplasticsâ€ | Antipsychotic Medications Antithyroid Drugsâ€  Barbiturates Diureticsâ€  Enteral Nutritional Supplements Fungal Medications, Systemicâ€  Gastric Acidity and Peptic Ulcer Agentsâ€  Hypnoticsâ€ | Hypolipidemicsâ€  Bile Acid-Binding Resinsâ€  HMG-CoA Reductase Inhibitorsâ€  Immunosuppressives Oral Contraceptives, Estrogen Containing Selective Estrogen Receptor Modulators Steroids, Adrenocorticalâ€  Tuberculosis Agentsâ€  Vitaminsâ€ |

Files with this table string: ['../data/warfarin/TABLE-3fb2aa58-3a40-4255-a261-e2db5b9a5dde-drugInteractions-1.txt', '../data/warfarin/TABLE-4445c26e-ec5c-40f4-956b-93c12fc73c1d-drugInteractions-1.txt', '../data/warfarin/TABLE-77f258d9-f380-4815-8140-0b2bfda3099c-drugInteractions-1.txt', '../data/warfarin/TABLE-e9d8fb69-a4c7-48cb-a4a9-e5d18eb4fd63-drugInteractions-1.txt']

Table 3Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
|  |  |
| AnticoagulantsÂ | argatroban,Â dabigatran,Â bivalirudin,Â desirudin,Â heparin,Â lepirudinÂ |
| AntiplateletÂ AgentsÂ | aspirin,Â cilostazol,Â clopidogrel,Â dipyridamole,Â prasugrel,Â ticlopidineÂ |
| NonsteroidalÂ Anti-InflammatoryÂ AgentsÂ | celecoxib,Â diclofenac,Â diflunisal,Â fenoprofen,Â ibuprofen,Â indomethacin,Â ketoprofen,Â ketorolac,Â mefenamicÂ acid,Â naproxen,Â oxaprozin,Â piroxicam,Â sulindacÂ |
| SerotoninÂ ReuptakeÂ InhibitorsÂ | citalopram,Â desvenlafaxine,Â duloxetine,Â escitalopram,Â fluoxetine,Â fluvoxamine,Â milnacipran,Â paroxetine,Â sertraline,Â venlafaxine,Â vilazodoneÂ |

Files with this table string: ['../data/warfarin/TABLE-801e4da1-5459-47d2-b67b-009f0a3247cc-drugInteractions-4.txt']

| Classes of Drugs | | |
| --- | --- | --- |
| Adrenal Cortical Steroid Â Â Inhibitors Antacids Antianxiety Agents Antiarrhythmicsâ€  Antibioticsâ€  Anticonvulsantsâ€  Antidepressantsâ€  Antihistamines Antineoplasticsâ€ | Antipsychotic Medications Antithyroid Drugsâ€  Barbiturates Diureticsâ€  Enteral Nutritional Â Â Supplements Fungal Medications, Systemicâ€  Gastric Acidity and Peptic Â Â Ulcer Agentsâ€  Hypnoticsâ€ | Hypolipidemicsâ€  Â Â Bile Acid-Binding Resinsâ€  Â Â HMG-CoA Reductase Inhibitorsâ€  Immunosuppressives Oral Contraceptives, Estrogen Â Â Containing Selective Estrogen Receptor Â Â Modulators Steroids, Adrenocorticalâ€  Tuberculosis Agentsâ€  Vitaminsâ€ |

Files with this table string: ['../data/warfarin/TABLE-054dcdd1-4276-4137-b551-48edd8b7f218-drugInteractions-2.txt']

|  |  |
| --- | --- |
| edema | hypothyroidismÂ |
| hereditaryÂ coumarinÂ resistance | nephroticÂ syndrome |
| hyperlipemia |  |

Files with this table string: ['../data/warfarin/TABLE-19a69a72-ac5d-45d5-a94d-a5aaecbe4730-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

| Drug Class | Specific Drugs |
| --- | --- |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-bd72a7c7-ff12-4b95-8d39-4426231bd5aa-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

| Enzyme | Inhibitors | Inducers |
| --- | --- | --- |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-801e4da1-5459-47d2-b67b-009f0a3247cc-drugInteractions-5.txt']

| Specific Drugs Reported | | | |
| --- | --- | --- | --- |
| also: diet high in vitamin K Â Â Â Â Â Â Â Â unreliable PT/INR determinations â€ Increased and decreased PT/INR responses have been reported. | | | |
| alcoholâ€  aminoglutethimide amobarbital atorvastatinâ€  azathioprine butabarbital butalbital carbamazepine chloral hydrateâ€  chlordiazepoxide chlorthalidone | cholestyramineâ€  clozapine corticotropin cortisone cyclophosphamideâ€  dicloxacillin ethchlorvynol glutethimide griseofulvin haloperidol meprobamate | 6-mercaptopurine methimazoleâ€  moricizine hydrochlorideâ€  nafcillin paraldehyde pentobarbital phenobarbital phenytoinâ€  pravastatinâ€  prednisoneâ€  primidone | propylthiouracilâ€  raloxifene ranitidineâ€  rifampin secobarbital spironolactone sucralfate trazodone vitamin C (high dose) vitamin K warfarin underdosage |

Files with this table string: ['../data/warfarin/TABLE-36a919ce-7a21-40c0-9af5-2299bf2b1f97-drugInteractions-3.txt']

|  |  |  |
| --- | --- | --- |
|  | | |
| Â Â Â AdrenalÂ CorticalÂ SteroidÂ InhibitorsÂ | Â Â Â AntipsychoticÂ Medications | Â Â Â Hypolipidemicsâ€ |
| Â Â Â Antacids | Â Â Â AntithyroidÂ Drugsâ€ | Â Â Â BileÂ Acid-BindingÂ Resinsâ€ |
| Â Â Â AntianxietyÂ Agents  Â Â Â Antiarrhythmicsâ€ | Â Â Â Barbiturates  Â Â Â Diureticsâ€ | Â Â Â HMG-CoAÂ ReductaseÂ Inhibitorsâ€ |
| Â Â Â Anticonvulsantsâ€ | Â Â Â EnteralÂ NutritionalÂ SupplementsÂ | Â Â Â Immunosuppressives |
| Â Â Â Antidepressantsâ€ | Â Â Â FungalÂ Medications,Â Systemicâ€ | Â Â Â OralÂ Contraceptives, |
| Â Â Â Antihistamines | Â Â Â GastricÂ AcidityÂ andÂ PepticÂ  UlcerÂ Agentsâ€ | Â Â Â EstrogenÂ Containing |
| Â Â Â Antineoplasticsâ€ | Â Â Â Hypnoticsâ€ | Â Â Â SelectiveÂ EstrogenÂ ReceptorÂ Modulators |
|  |  | Â Â Â Steroids,Â Adrenocorticalâ€ |
|  |  | Â Â Â TuberculosisÂ Agentsâ€   Â Â Â Vitaminsâ€ |
|  |  |  |
| Â Â Â alcohol | Â Â Â warfarinÂ sodiumÂ underdosage | Â Â Â phenytoin |
| Â Â Â aminoglutethimide | Â Â Â cyclophosphamide | Â Â Â pravastatin |
| Â Â Â amobarbital | Â Â Â dicloxacillin | Â Â Â prednisone |
| Â Â Â atorvastatin | Â Â Â ethchlorvynol | Â Â Â primidone |
| Â Â Â azathioprine | Â Â Â glutethimide | Â Â Â propylthiouracil |
| Â Â Â butabarbital | Â Â Â griseofulvin | Â Â Â raloxifene |
| Â Â Â butalbital | Â Â Â haloperidol | Â Â Â ranitidine |
| Â Â Â carbamazepine | Â Â Â meprobamate | Â Â Â rifampin |
| Â Â Â chloralÂ hydrate | Â Â Â 6-mercaptopurine | Â Â Â secobarbital |
| Â Â Â chlordiazepoxide | Â Â Â methimazole | Â Â Â spironolactone |
| Â Â Â chlorthalidone | Â Â Â moricizineÂ hydrochloride | Â Â Â sucralfate |
| Â Â Â cholestyramine | Â Â Â nafcillin | Â Â Â trazodone |
| Â Â Â clozapine | Â Â Â paraldehyde | Â Â Â vitaminÂ CÂ (highÂ dose) |
| Â Â Â corticotropin | Â Â Â pentobarbital | Â Â Â vitaminÂ K |
| Â Â Â cortisone | Â Â Â phenobarbital |  |

Files with this table string: ['../data/warfarin/TABLE-a0cfad4b-043e-451e-bfd6-1fe1ac1bd0d6-drugInteractions-2.txt', '../data/warfarin/TABLE-b6233f92-0d92-44d0-82cb-bacccb61d970-drugInteractions-2.txt', '../data/warfarin/TABLE-c437507c-d308-4aac-aa5e-a54972c7fa95-drugInteractions-2.txt']

| Specific Drugs Reported | | | |
| --- | --- | --- | --- |
| also: other medications affecting blood elements which may modify hemostasis dietary deficiencies prolonged hot weather unreliable PT/INR determinations â€ Increased and decreased PT/INR responses have been reported. | | | |
| acetaminophen alcoholâ€  allopurinol aminosalicylic acid amiodarone HCl argatroban aspirin atenolol atorvastatinâ€  azithromycin bivalirudin capecitabine cefamandole cefazolin cefoperazone cefotetan cefoxitin ceftriaxone celecoxib cerivastatin chenodiol chloramphenicol chloral hydrateâ€  chlorpropamide cholestyramineâ€  cimetidine ciprofloxacin cisapride clarithromycin clofibrate cyclophosphamideâ€  danazol dextran dextrothyroxine diazoxide | diclofenac dicumarol diflunisal disulfiram doxycycline erythromycin esomeprazole ethacrynic acid ezetimibe fenofibrate fenoprofen fluconazole fluorouracil fluoxetine flutamide fluvastatin fluvoxamine gefitinib gemifibrozil glucagon halothane heparin ibuprofen ifosfamide indomethacin influenza virus vaccine itraconazole ketoprofen ketorolac lansoprazole lepirudin levamisole levofloxacin levothyroxine liothyronine | lovastatin mefenamic acid methimazoleâ€  methyldopa methylphenidate methylsalicylate ointment (topical) metronidazole miconazole (intravaginal, oral, systemic) moricizine hydrochlorideâ€  nalidixic acid naproxen neomycin norfloxacin ofloxacin olsalazine omeprazole oxandrolone oxaprozin oxymetholone pantoprazole paroxetine penicillin G, intravenous pentoxifylline phenylbutazone phenytoinâ€  piperacillin piroxicam pravastatinâ€  prednisoneâ€  propafenone | propoxyphene propranolol propylthiouracilâ€  quinidine quinine rabeprazole ranitidineâ€  rofecoxib sertraline simvastatin stanozolol streptokinase sulfamethizole sulfamethoxazole sulfinpyrazone sulfisoxazole sulindac tamoxifen tetracycline thyroid ticarcillin ticlopidine tissue plasminogen activator (t-PA) tolbutamide tramadol trimethoprim/ sulfamethoxazole urokinase valdecoxib valproate vitamin E warfarin overdose zafirlukast zileuton |

Files with this table string: ['../data/warfarin/TABLE-a1150d78-57cc-4216-beff-f7ea7364ab89-drugInteractions-3.txt']

|  |  |
| --- | --- |
| edema hereditary coumarin resistance hyperlipemia | hypothyroidism nephrotic syndrome |

Files with this table string: ['../data/warfarin/TABLE-a1150d78-57cc-4216-beff-f7ea7364ab89-drugInteractions-1.txt']

| Classes of Drugs | | | |
| --- | --- | --- | --- |
| 5-lipoxygenase Inhibitor Adrenergic Stimulants, Central Alcohol Abuse Reduction Preparations Analgesics Anesthetics, Inhalation Antiandrogen Antiarrhythmicsâ€  Antibioticsâ€  Aminoglycosides (oral) Cephalosporins, parenteral Macrolides Miscellaneous Penicillins, intravenous, high dose Quinolones (fluoroquinolones) Sulfonamides, long acting Tetracyclines Anticoagulants Anticonvulsantsâ€  Antidepressantsâ€  Antimalarial Agents Antineoplasticsâ€  Antiparasitic/Antimicrobials | Antiplatelet Drugs/Effects Antithyroid Drugsâ€  Beta-Adrenergic Blockers Cholelitholytic Agents Diabetes Agents, Oral Diureticsâ€  Fungal Medications, Intravaginal, Systemicâ€  Gastric Acidity and Peptic Ulcer Agentsâ€  Gastrointestinal Prokinetic Agents Ulcerative Colitis Agents Gout Treatment Agents Hemorrheologic Agents Hepatotoxic Drugs Hyperglycemic Agents Hypertensive Emergency Agents Hypnoticsâ€  Hypolipidemicsâ€  Bile Acid-Binding Resinsâ€  Fibric Acid Derivatives HMG-CoA Reductase Inhibitorsâ€ | Leukotriene Receptor Antagonist Monoamine Oxidase Inhibitors Narcotics, prolonged Nonsteroidal Anti- Inflammatory Agents Proton Pump Inhibitors Psychostimulants Pyrazolones Salicylates Selective Serotonin Reuptake Inhibitors Steroids, Adrenocorticalâ€  Steroids, Anabolic (17-Alkyl Testosterone Derivatives) Thrombolytics Thyroid Drugs Tuberculosis Agentsâ€  Uricosuric Agents Vaccines Vitaminsâ€ | |

Files with this table string: ['../data/warfarin/TABLE-a0cfad4b-043e-451e-bfd6-1fe1ac1bd0d6-drugInteractions-0.txt', '../data/warfarin/TABLE-b6233f92-0d92-44d0-82cb-bacccb61d970-drugInteractions-0.txt', '../data/warfarin/TABLE-c437507c-d308-4aac-aa5e-a54972c7fa95-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
| blood dyscrasias - see  cancer collagen vascular disease congestive heart failure | diarrhea elevated temperature hepatic disorders infectious hepatitis jaundice | hyperthyroidism poor nutritional state steatorrhea vitamin K deficiency |

Files with this table string: ['../data/warfarin/TABLE-a1150d78-57cc-4216-beff-f7ea7364ab89-drugInteractions-5.txt']

| Specific Drugs Reported | | | |
| --- | --- | --- | --- |
| also: diet high in vitamin K unreliable PT/INR determinations â€ Increased and decreased PT/INR responses have been reported. | | | |
| alcoholâ€  aminoglutethimide amobarbital atorvastatinâ€  azathioprine butabarbital butalbital carbamazepine chloral hydrateâ€  chlordiazepoxide chlorthalidone | cholestyramineâ€  clozapine corticotropin cortisone cyclophosphamideâ€  dicloxacillin ethchlorvynol glutethimide griseofulvin haloperidol meprobamate | 6-mercaptopurine methimazoleâ€  moricizine hydrochlorideâ€  nafcillin paraldehyde pentobarbital phenobarbital phenytoinâ€  pravastatinâ€  prednisoneâ€  primidone | propylthiouracilâ€  raloxifene ranitidineâ€  rifampin secobarbital spironolactone sucralfate trazodone vitamin C (high dose) vitamin K warfarin underdosage |

Files with this table string: ['../data/warfarin/TABLE-ab047628-67d0-4a64-8d77-36b054969b44-drugInteractions-0.txt', '../data/warfarin/TABLE-feaa5f6f-9753-4f37-ab81-04c9c6b45e6a-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

Files with this table string: ['../data/warfarin/TABLE-054dcdd1-4276-4137-b551-48edd8b7f218-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
| bloodÂ dyscrasiasÂ â€” Â Â | diarrhea Â Â | Â Â hyperthyroidism |
| Â Â Â seeÂ Â | elevatedÂ temperature | Â Â poorÂ nutritionalÂ state Â Â Â |
| cancer | Â hepaticÂ disorders | Â Â steatorrhea |
| collagenÂ vascularÂ disease | Â Â Â Â infectiousÂ hepatitis | Â Â vitaminÂ KÂ deficiency |
| congestiveÂ heartÂ failure | Â Â Â Â jaundice |  |

Files with this table string: ['../data/warfarin/TABLE-ab047628-67d0-4a64-8d77-36b054969b44-drugInteractions-1.txt', '../data/warfarin/TABLE-feaa5f6f-9753-4f37-ab81-04c9c6b45e6a-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

Files with this table string: ['../data/warfarin/TABLE-4bc9a57f-acb4-4f3f-aae4-c1215e0d5c30-drugInteractions-1.txt']

|  |  |
| --- | --- |
|  |  |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-a0cfad4b-043e-451e-bfd6-1fe1ac1bd0d6-drugInteractions-1.txt', '../data/warfarin/TABLE-b6233f92-0d92-44d0-82cb-bacccb61d970-drugInteractions-1.txt', '../data/warfarin/TABLE-c437507c-d308-4aac-aa5e-a54972c7fa95-drugInteractions-1.txt']

| Classes of Drugs | | | |
| --- | --- | --- | --- |
| 5-lipoxygenase Inhibitor Adrenergic Stimulants, Central Alcohol Abuse Reduction Preparations Analgesics Anesthetics, Inhalation Antiandrogen Antiarrhythmicsâ€  Antibioticsâ€  Aminoglycosides (oral) Cephalosporins, parenteral Macrolides Miscellaneous Penicillins, intravenous, high dose Quinolones (fluoroquinolones) Sulfonamides, long acting Tetracyclines Anticoagulants Anticonvulsantsâ€  Antidepressantsâ€  Antimalarial Agents Antineoplasticsâ€  Antiparasitic/Antimicrobials | Antiplatelet Drugs/Effects Antithyroid Drugsâ€  Beta-Adrenergic Blockers Cholelitholytic Agents Diabetes Agents, Oral Diureticsâ€  Fungal Medications, Intravaginal, Systemicâ€  Gastric Acidity and Peptic Ulcer Agentsâ€  Gastrointestinal Prokinetic Agents Ulcerative Colitis Agents Gout Treatment Agents Hemorrheologic Agents Hepatotoxic Drugs Hyperglycemic Agents Hypertensive Emergency Agents Hypnoticsâ€  Hypolipidemicsâ€  Bile Acid-Binding Resinsâ€  Fibric Acid Derivatives HMG-CoA Reductase Inhibitorsâ€ | Leukotriene Receptor Antagonist Monoamine Oxidase Inhibitors Narcotics, prolonged Nonsteroidal Anti- Inflammatory Agents Proton Pump Inhibitors Psychostimulants Pyrazolones Salicylates Selective Serotonin Reuptake Inhibitors Steroids, Adrenocorticalâ€  Steroids, Anabolic (17-Alkyl Testosterone Derivatives) Thrombolytics Thyroid Drugs Tuberculosis Agentsâ€  Uricosuric Agents Vaccines Vitaminsâ€ | |

Files with this table string: ['../data/warfarin/TABLE-4bc9a57f-acb4-4f3f-aae4-c1215e0d5c30-drugInteractions-0.txt']

|  |  |  |
| --- | --- | --- |
|  |  |  |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-a0cfad4b-043e-451e-bfd6-1fe1ac1bd0d6-drugInteractions-4.txt', '../data/warfarin/TABLE-b6233f92-0d92-44d0-82cb-bacccb61d970-drugInteractions-4.txt', '../data/warfarin/TABLE-c437507c-d308-4aac-aa5e-a54972c7fa95-drugInteractions-4.txt']

| Classes of Drugs | | |
| --- | --- | --- |
| Adrenal Cortical Steroid Inhibitors Antacids Antianxiety Agents Antiarrhythmicsâ€  Antibioticsâ€  Anticonvulsantsâ€  Antidepressantsâ€  Antihistamines Antineoplasticsâ€ | Antipsychotic Medications Antithyroid Drugsâ€  Barbiturates Diureticsâ€  Enteral Nutritional Supplements Fungal Medications, Systemicâ€  Gastric Acidity and Peptic Ulcer Agentsâ€  Hypnoticsâ€ | Hypolipidemicsâ€  Bile Acid-Binding Resinsâ€  HMG-CoA Reductase Inhibitorsâ€  Immunosuppressives Oral Contraceptives, Estrogen Containing Selective Estrogen Receptor Modulators Steroids, Adrenocorticalâ€  Tuberculosis Agentsâ€  Vitaminsâ€ |

Files with this table string: ['../data/warfarin/TABLE-694e258d-86bd-440c-870b-a7d27fb1c467-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

| Enzyme | Inhibitors | Inducers |
| --- | --- | --- |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole, miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-19a69a72-ac5d-45d5-a94d-a5aaecbe4730-drugInteractions-0.txt']

Table 2: Examples of CYP450 Interactions with Warfarin

| Enzyme | Inhibitors | Inducers |
| --- | --- | --- |
| CYP2C9 | amiodarone, capecitabine, cotrimoxazole, etravirine, fluconazole, fluvastatin, fluvoxamine, metronidazole miconazole, oxandrolone, sulfinpyrazone, tigecycline, voriconazole, zafirlukast | aprepitant, bosentan, carbamazepine, phenobarbital, rifampin |
| CYP1A2 | acyclovir, allopurinol, caffeine, cimetidine, ciprofloxacin, disulfiram, enoxacin, famotidine, fluvoxamine, methoxsalen, mexiletine, norfloxacin, oral contraceptives, phenylpropanolamine, propafenone, propranolol, terbinafine, thiabendazole, ticlopidine, verapamil, zileuton | montelukast, moricizine, omeprazole, phenobarbital, phenytoin, cigarette smoking |
| CYP3A4 | alprazolam, amiodarone, amlodipine, amprenavir, aprepitant, atorvastatin, atazanavir, bicalutamide, cilostazol, cimetidine, ciprofloxacin, clarithromycin, conivaptan, cyclosporine, darunavir/ritonavir, diltiazem, erythromycin, fluconazole, fluoxetine, fluvoxamine, fosamprenavir, imatinib, indinavir, isoniazid, itraconazole, ketoconazole, lopinavir/ritonavir, nefazodone, nelfinavir, nilotinib, oral contraceptives, posaconazole, ranitidine, ranolazine, ritonavir, saquinavir, telithromycin, tipranavir, voriconazole, zileuton | armodafinil, amprenavir, aprepitant, bosentan, carbamazepine, efavirenz, etravirine, modafinil, nafcillin, phenytoin, pioglitazone, prednisone, rifampin, rufinamide |

Files with this table string: ['../data/warfarin/TABLE-c90be37c-0ad0-4ccd-8fe7-b9a3427f0d80-drugInteractions-1.txt']

Table 3: Drugs that Can Increase the Risk of Bleeding

|  |  |
| --- | --- |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone. |

Files with this table string: ['../data/warfarin/TABLE-d52a68b4-86a8-40a4-9f74-a3ef5795db51-drugInteractions-1.txt']

|  |  |
| --- | --- |
|  |  |
| Anticoagulants | argatroban, dabigatran, bivalirudin, desirudin, heparin, lepirudin |
| Antiplatelet Agents | aspirin, cilostazol, clopidogrel, dipyridamole, prasugrel, ticlopidine |
| Nonsteroidal Anti-Inflammatory Agents | celecoxib, diclofenac, diflunisal, fenoprofen, ibuprofen, indomethacin, ketoprofen, ketorolac, mefenamic acid, naproxen, oxaprozin, piroxicam, sulindac |
| Serotonin Reuptake Inhibitors | citalopram, desvenlafaxine, duloxetine, escitalopram, fluoxetine, fluvoxamine, milnacipran, paroxetine, sertraline, venlafaxine, vilazodone |

Files with this table string: ['../data/warfarin/TABLE-801e4da1-5459-47d2-b67b-009f0a3247cc-drugInteractions-2.txt']

| Specific Drugs Reported | | | |
| --- | --- | --- | --- |
| also: other medications affecting blood elements which may modify hemostasis Â Â dietary deficiencies Â Â prolonged hot weather Â Â unreliable PT/INR determinations â€ Increased and decreased PT/INR responses have been reported. | | | |
| acetaminophen alcoholâ€  allopurinol aminosalicylic acid amiodarone HCl argatroban aspirin atenolol atorvastatinâ€  azithromycin bivalirudin capecitabine cefamandole cefazolin cefoperazone cefotetan cefoxitin ceftriaxone celecoxib cerivastatin chenodiol chloramphenicol chloral hydrateâ€  chlorpropamide cholestyramineâ€  cimetidine ciprofloxacin cisapride clarithromycin clofibrate cyclophosphamideâ€  danazol dextran dextrothyroxine diazoxide | diclofenac dicumarol diflunisal disulfiram doxycycline erythromycin esomeprazole ethacrynic acid ezetimibe fenofibrate fenoprofen fluconazole fluorouracil fluoxetine flutamide fluvastatin fluvoxamine gefitinib gemifibrozil glucagon halothane heparin ibuprofen ifosfamide indomethacin influenza virus vaccine itraconazole ketoprofen ketorolac lansoprazole lepirudin levamisole levofloxacin levothyroxine liothyronine | lovastatin mefenamic acid methimazoleâ€  methyldopa methylphenidate methylsalicylate Â Â ointment (topical) metronidazole miconazole Â Â (intravaginal, oral, Â Â Â Â systemic) moricizine Â Â hydrochlorideâ€  nalidixic acid naproxen neomycin norfloxacin ofloxacin olsalazine omeprazole oxandrolone oxaprozin oxymetholone pantoprazole paroxetine penicillin G, Â Â intravenous pentoxifylline phenylbutazone phenytoinâ€  piperacillin piroxicam pravastatinâ€  prednisoneâ€  propafenone | propoxyphene propranolol propylthiouracilâ€  quinidine quinine rabeprazole ranitidineâ€  rofecoxib sertraline simvastatin stanozolol streptokinase sulfamethizole sulfamethoxazole sulfinpyrazone sulfisoxazole sulindac tamoxifen tetracycline thyroid ticarcillin ticlopidine tissue plasminogen Â Â activator (t-PA) tolbutamide tramadol trimethoprim/ Â Â sulfamethoxazole urokinase valdecoxib valproate vitamin E warfarin overdose zafirlukast zileuton |