

Interactions with PBC Agents

Charts created October 2024. Full information available at www.hep-druginteractions.org

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister.

	Obeticholic Acid	Ursodeoxycholic Acid
Anaesthetics & Muscle Relaxants		
Bupivacaine	◆	◆
Cisatracurium	◆	◆
Desflurane	◆	◆
Dexmedetomidine	◆	◆
Ephedrine	◆	◆
Etidocaine	◆	◆
Halothane	◆	◆
Isoflurane	◆	◆
Ketamine	◆	◆
Nitrous oxide	◆	◆
Propofol	◆	◆
Remifentanyl	◆	◆
Rocuronium	◆	◆
Sevoflurane	◆	◆
Tetracaine	◆	◆
Thiopental	◆	◆
Tizanidine	■	▲
Analgesics		
Acetofenac	◆	◆
Alfentanil	◆	◆
Aspirin	◆	◆
Buprenorphine	◆	◆
Celecoxib	◆	◆
Codeine	◆	▲
Dexketoprofen	◆	◆
Dextropropoxyphene	◆	▲
Diamorphine	◆	▲
Diclofenac	◆	▲
Diflunisal	◆	▲
Dihydrocodeine	◆	▲
Etoricoxib	▲	◆
Fentanyl (Prescribed)	◆	◆
Flurbiprofen	◆	◆
Hydrocodone	◆	▲
Hydromorphone	◆	▲
Ibuprofen	◆	◆
Indometacin	▲	◆
Ketoprofen	◆	◆
Mefenamic acid	◆	◆
Meloxicam	▲	◆
Metamizole (Dipyrone)	◆	◆
Methadone	■	▲
Morphine	◆	◆
Naproxen	◆	◆
Nefopam	◆	◆
Oxycodone	◆	▲
Paracetamol	◆	◆
Pethidine (Meperidine)	◆	▲
Piroxicam	◆	◆
Tapentadol	◆	▲
Tramadol	◆	▲
Anthelmintics		
Albendazole	◆	◆
Ivermectin	◆	◆
Niclosamide	◆	◆
Oxamniquine	◆	◆
Praziquantel	▲	◆
Pyrantel	◆	◆
Antiarrhythmics		
Amiodarone	▲	▲
Bepidil	◆	▲
Digoxin	◆	◆
Disopyramide	◆	◆
Dofetilide	◆	▲
Dronedarone	▲	▲
Flecainide	◆	▲
Lidocaine (Lignocaine)	◆	▲
Mexiletine	■	▲
Propafenone	■	▲
Quinidine	◆	▲
Vernakalant	◆	◆
Antibacterials		
Amikacin	◆	◆
Amoxicillin	◆	◆
Ampicillin	◆	◆
Azithromycin	◆	◆
Aztreonam	◆	◆
Bedaquiline	◆	◆
Benzyloxyphenylpenicillin	◆	◆
Bezlotumab	◆	◆
Capreomycin	◆	◆
Cefaclor	◆	◆
Cefadroxil	◆	◆
Cefalexin	◆	◆
Cefazolin	◆	◆
Cefixime	◆	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Antibacterials (continued)		
Cefotaxime	◆	◆
Cefradine	◆	◆
Ceftaroline	◆	◆
Ceftazidime	◆	◆
Ceftriaxone	◆	◆
Cefuroxime	◆	◆
Chloramphenicol	◆	◆
Ciprofloxacin	◆	■
Clarithromycin	◆	◆
Clavulanic acid	◆	◆
Clindamycin	◆	▲
Clofazimine	◆	◆
Cloxacillin	◆	◆
Cycloserine	◆	◆
Dapsone	◆	■
Daptomycin	◆	◆
Delamanid	◆	◆
Ertapenem	◆	◆
Erythromycin	■	◆
Ethambutol	◆	◆
Flucloxacillin	◆	◆
Fosfomycin	◆	◆
Gentamicin	◆	◆
Imipenem	◆	◆
Isoniazid	▲	◆
Levofloxacin	◆	◆
Linezolid	◆	◆
Lymecycline	◆	◆
Meropenem	◆	◆
Methenamine	◆	◆
Metronidazole	◆	◆
Moxifloxacin	◆	◆
Nitrofurantoin	◆	◆
Norfloxacin	◆	◆
Ofloxacin	◆	◆
Penicillin V	◆	◆
Piperacillin	◆	◆
Pivmecillinam	◆	◆
Pretomanid	◆	▲
Pyrazinamide	◆	▲
Rifabutin	▲	▲
Rifampicin	▲	▲
Rifapentine	■	▲
Rifaximin	◆	◆
Spectinomycin	◆	◆
Streptomycin	◆	◆
Sulfadiazine	◆	◆
Tazobactam	◆	◆
Telithromycin	■	◆
Temocillin	◆	◆
Tetracyclines	◆	◆
Ticarcillin	◆	◆
Trimethoprim/Sulfamethoxazole	◆	◆
Troleandomycin	◆	◆
Vancomycin	◆	◆
Anticoagulant, Antiplatelet & Fibrinolytic		
Abciximab	◆	◆
Acenocoumarol	▲	▲
Anagrelide	▲	▲
Apixaban	◆	◆
Clopidogrel	▲	◆
Dabigatran	◆	▲
Dalteparin	◆	◆
Danaparoid	◆	◆
Dipyridamole	■	◆
Edoxaban	◆	▲
Eltrombopag	◆	◆
Enoxaparin	◆	◆
Fluindione	▲	▲
Fondaparinux	◆	◆
Heparin	◆	◆
Natalizumab	◆	◆
Phenprocoumon	◆	▲
Prasugrel	◆	◆
Rivaroxaban	◆	▲
Streptokinase	◆	◆
Ticagrelor	◆	◆
Ticlopidine	◆	◆
Tinzaparin	◆	◆
Warfarin	■	▲

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	Obeticholic Acid	Ursodeoxycholic Acid
Anticonvulsants		
Carbamazepine	◆	▲
Clonazepam	◆	◆
Eslicarbazepine	◆	◆
Ethosuximide	◆	◆
Gabapentin	◆	◆
Lacosamide	◆	◆
Lamotrigine	◆	◆
Levetiracetam	◆	◆
Oxcarbazepine	◆	◆
Perampanel	◆	◆
Phenobarbital	◆	▲
Phenytoin	◆	▲
Pregabalin	◆	◆
Primidone	◆	◆
Retigabine	◆	◆
Rufinamide	◆	◆
Sultiame	◆	◆
Tiagabine	◆	◆
Topiramate	◆	◆
Valproic acid (Divalproex)	◆	◆
Vigabatrin	◆	◆
Zonisamide	◆	◆
Antidepressants		
Agomelatine	▲	◆
Amisulpride	◆	◆
Bupropion	◆	◆
Citalopram	◆	◆
Clomipramine	◆	▲
Desipramine	◆	▲
Desvenlafaxine	◆	◆
Dosulepin	◆	▲
Doxepin	◆	▲
Duloxetine	◆	◆
Escitalopram	◆	◆
Fluoxetine	◆	◆
Fluvoxamine	◆	◆
Imipramine	◆	▲
Lithium	◆	◆
Maprotiline	◆	▲
Mianserin	◆	◆
Milnacipran	◆	◆
Mirtazapine	◆	▲
Moclobemide	◆	◆
Nefazodone	■	◆
Nortriptyline	◆	▲
Paroxetine	◆	◆
Phenelzine	●	●
Reboxetine	◆	◆
Sertraline	◆	◆
Tianeptine	◆	◆
Trazodone	◆	◆
Trimipramine	◆	▲
Venlafaxine	◆	◆
Vortioxetine	◆	◆
Antidiabetics		
Acarbose	◆	◆
Albiglutide	◆	◆
Alogliptin	◆	◆
Canagliflozin	◆	◆
Dapagliflozin	◆	◆
Dulaglutide	◆	◆
Empagliflozin	◆	◆
Exenatide	◆	◆
Glibenclamide (Glyburide)	■	▲
Gliclazide	◆	◆
Glimepiride	■	▲
Glipizide	◆	▲
Insulin	◆	◆
Linagliptin	◆	◆
Liraglutide	◆	◆
Lixisenatide	◆	◆
Metformin	◆	◆
Nateglinide	◆	◆
Pioglitazone	▲	◆
Repaglinide	▲	◆
Rosiglitazone	■	◆
Saxagliptin	◆	◆
Semaglutide	◆	◆
Sitagliptin	◆	◆
Tirzepatide	◆	◆
Tolbutamide	◆	▲
Vildagliptin	◆	◆

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◆	No clinically significant interaction expected

Notes

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- Where advice differs between countries, the charts reflect the more cautious option.

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	Obeticholic Acid	Ursodeoxycholic Acid
Antifungals		
Amphotericin B	◆	◆
Anidulafungin	◆	◆
Caspofungin	◆	◆
Clotrimazole (pessary)	◆	◆
Clotrimazole (topical)	◆	◆
Fluconazole	◆	◆
Flucytosine	◆	◆
Griseofulvin	◆	◆
Isavuconazole	◆	◆
Itraconazole	■	▲
Ketoconazole	■	▲
Menthol	◆	◆
Miconazole	◆	◆
Nystatin	◆	◆
Posaconazole	■	▲
Terbinafine	◆	◆
Voriconazole	◆	▲
Antihaemorrhagics		
Avatrombopag	◆	▲
Eltrombopag	◆	▲
Tranexamic acid	◆	◆
Antihistamines		
Astemizole	▲	▲
Bilastine	◆	◆
Cetirizine	◆	◆
Chlorphenamine	◆	▲
Desloratadine	◆	◆
Diphenhydramine	◆	◆
Doxylamine	■	◆
Ebastine	◆	◆
Fexofenadine	◆	◆
Hydroxyzine	■	◆
Levocetirizine	◆	◆
Loratadine	■	◆
Promethazine	◆	◆
Terfenadine	◆	▲
Antimigraine Agents		
Almotriptan	◆	◆
Dihydroergotamine	◆	◆
Eletriptan	◆	◆
Ergotamine	◆	▲
Eptinezumab	◆	◆
Frovatriptan	◆	◆
Galcanezumab	◆	◆
Methylethergonovine	◆	▲
Naratriptan	◆	◆
Pizotifen	◆	◆
Rizatriptan	◆	◆
Sumatriptan	◆	◆
Zolmitriptan	■	◆
Antiprotozoals		
Amodiaquine	◆	▲
Artemether	◆	◆
Artemisinin	◆	◆
Artesunate	◆	◆
Atovaquone	◆	▲
Chloroquine	◆	▲
Dihydroartemisinin	◆	◆
Doxycycline	◆	◆
Halofantrine	◆	▲
Hydroxychloroquine	◆	◆
Lumefantrine	◆	◆
Mefloquine	◆	◆
Nitazoxanide	◆	◆
Pentamidine	◆	◆
Primaquine	▲	◆
Proguanil	◆	◆
Pyrimethamine	◆	▲
Quinine	◆	▲
Sodium stibogluconate	◆	◆
Sulfadoxine	◆	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Antipsychotics/Neuroleptics		
Amisulpride	◆	◆
Aripiprazole	◆	◆
Asenapine	▲	◆
Brexpiprazole	◆	▲
Cariprazine	◆	▲
Chlorpromazine	◆	◆
Chlorprothixene	◆	▲
Clozapine	■	◆
Flupentixol	◆	▲
Fluphenazine	▲	◆
Haloperidol	◆	▲
Iloperidone	▲	▲
Levomepromazine	◆	◆
Lurasidone	◆	◆
Olanzapine	■	◆
Paliperidone	◆	▲
Perazine	◆	◆
Periciazine	◆	◆
Perphenazine	◆	◆
Pimozide	◆	▲
Pipotiazine	◆	◆
Prochlorperazine	◆	◆
Promazine	◆	▲
Quetiapine	◆	◆
Risperidone	◆	◆
Sulpiride	◆	◆
Tiapride	◆	◆
Trifluoperazine	◆	◆
Ziprasidone	◆	◆
Zuclopentixol	◆	▲
Antivirals		
Aciclovir	◆	◆
Amantadine	◆	◆
Ansuvimab	◆	◆
Brincidofovir	◆	◆
Brivudine	◆	◆
Cidofovir	◆	◆
Favipiravir	◆	◆
Foscarnet	◆	◆
Molnupiravir	◆	◆
Nirmatrelvir/ritonavir	◆	◆
Oseltamivir	◆	◆
Remdesivir	◆	◆
Rimantadine	◆	◆
Sotrovimab	◆	◆
Tecovirimat	◆	◆
Tixagevimab/cilgavimab	◆	◆
Valaciclovir	◆	◆
Zanamivir	◆	◆
Anxiolytics/Hypnotics/Sedatives		
Alprazolam	◆	◆
Amobarbital	◆	▲
Bromazepam	◆	◆
Bromperidol	◆	◆
Buspiron	◆	◆
Clobazam	◆	◆
Clorazepate	◆	◆
Clotiapine	◆	◆
Diazepam	◆	◆
Estazolam	◆	◆
Flurazepam	◆	◆
Lorazepam	◆	◆
Lormetazepam	◆	◆
Midazolam (oral)	▲	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Anxiolytics/Hypnotics/Sedatives continued		
Midazolam (parenteral)	▲	◆
Oxazepam	◆	◆
Quazepam	◆	◆
Temazepam	◆	◆
Triazolam	◆	◆
Zaleplon	◆	◆
Zolpidem	◆	◆
Zopiclone	◆	◆
Beta Blockers		
Atenolol	◆	◆
Bisoprolol	◆	◆
Carvedilol	◆	▲
Celiprolol	◆	▲
Labetalol	◆	▲
Metoprolol	◆	◆
Nebivolol	◆	▲
Oxprenolol	◆	◆
Pindolol	◆	◆
Propranolol	◆	▲
Sotalol	◆	◆
Timolol	◆	▲
Bisphosphonates		
Alendronic acid	◆	◆
Clodronate	◆	◆
Ibandronic acid	◆	◆
Pamidronate	◆	◆
Risedronate	◆	◆
Zoledronic acid	◆	◆
Bronchodilators		
Acidinium bromide	◆	◆
Formoterol	◆	◆
Indacaterol	◆	◆
Ipratropium bromide	◆	◆
Montelukast	◆	◆
Omalizumab	◆	◆
Reslizumab	◆	◆
Salbutamol	◆	◆
Salmeterol	◆	◆
Theophylline	■	◆
Tiotropium	◆	◆
Umeclidinium bromide	◆	◆
Vilanterol	◆	◆
Calcium Channel Blockers		
Amlodipine	◆	▲
Diltiazem	◆	▲
Felodipine	▲	▲
Nicardipine	■	▲
Nifedipine	◆	▲
Nisoldipine	▲	▲
Nitrendipine	▲	■
Verapamil	◆	▲

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Cancer Therapies		
Abiraterone	◆	◆
Acalabrutinib	◆	▲
Afatinib	◆	◆
Alectinib	◆	▲
Alpelisib	◆	◆
Amivantamab	◆	◆
Anastrozole	◆	◆
Apalutamide	◆	▲
Asciminib	◆	◆
Asparaginase	◆	◆
Atezolizumab	◆	◆
Avapritinib	▲	◆
Avelumab	◆	◆
Axitinib	◆	◆
Azacitidine	◆	◆
Belantamab mafodotin	◆	◆
Bendamustine	◆	◆
Bevacizumab	◆	◆
Bexarotene	◆	▲
Bicalutamide	◆	◆
Blinatumomab	◆	◆
Bortezomib	◆	◆
Bosutinib	◆	◆
Brentuximab vedotin	◆	◆
Capecitabine	◆	◆
Carboplatin	◆	◆
Carfilzomib	◆	◆
Cetuximab	◆	◆
Chlorambucil	◆	▲
Cisplatin	◆	◆
Cyclophosphamide	◆	◆
Daratumumab	◆	◆
Dasatinib	■	◆
Doxorubicin	◆	◆
Elranatamab	◆	◆
Enzalutamide	◆	▲
Epcoritamab	◆	◆
Epirubicin	◆	◆
Erlotinib	◆	▲
Estramustine	◆	▲
Etoposide	◆	◆
Everolimus	■	▲
Exemestane	▲	◆
Fludarabine	◆	◆
Gefitinib	■	◆
Gemcitabine	◆	◆
Gemtuzumab ozogamicin	◆	◆
Glofitamab	◆	◆
Hydroxyurea (Hydroxycarbamide)	◆	◆
Ibrutinib	◆	▲

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	Obeticholic Acid	Ursodeoxycholic Acid
Cancer Therapies continued		
Idarubicin	◆	▲
Idelalisib	◆	▲
Imatinib	▲	◆
Inotuzumab ozogamicin	◆	◆
Ipilimumab	◆	◆
Irinotecan	◆	◆
Isatuximab	◆	◆
Ixazomib	◆	◆
Lapatinib	■	◆
Letrozole	◆	◆
Loncastuximab tesirine	◆	◆
Medroxyprogesterone (oncology)	■	■
Mercaptopurine	◆	◆
Mesna	◆	◆
Methotrexate	◆	◆
Mitoxantrone	◆	◆
Mogamulizumab	◆	◆
Nilotinib	◆	◆
Niraparib	◆	◆
Nivolumab	◆	◆
Obinutuzumab	◆	◆
Ofatumumab	◆	◆
Olaparib	◆	◆
Olaratumab	◆	◆
Osimertinib	◆	▲
Oxaliplatin	◆	◆
Paclitaxel	▲	◆
Panitumumab	◆	◆
Panobinostat	◆	▲
Pembrolizumab	◆	◆
Pertuzumab	◆	◆
Pomalidomide	◆	◆
Ponatinib	◆	◆
Retifanlimab	◆	◆
Rituximab	◆	◆
Ruxolitinib	◆	◆
Sacituzumab govitecan	◆	◆
Sunitinib	▲	▲
Tamoxifen	◆	◆
Temsirolimus	■	◆
Tisotumab vedotin	◆	◆
Trametinib	◆	◆
Trastuzumab	◆	◆
Trastuzumab deruxtecan	◆	◆
Trastuzumab emtansine	◆	◆
Trifluridine/tipiracil	◆	◆
Vinblastine	◆	◆
Vincristine	◆	◆
Vinorelbine	◆	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Contraceptives and Hormone Replacements		
Conjugated estrogens (HRT)	■	■
Desogestrel (POP)	◆	■
Desogestrel/ethinylestradiol (COC) (>20 µg)	■	■
Desogestrel/ethinylestradiol (COC) (≤20 µg)	■	■
Dienogest	◆	■
Drospirenone (POP)	■	■
Drospirenone/estradiol (HRT)	■	■
Drospirenone/ethinylestradiol (COC) (>20 µg)	■	■
Drospirenone/ethinylestradiol (COC) (≤20 µg)	■	■
Dydrogesterone/estradiol (HRT)	■	■
Estradiol	◆	■

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Contraceptives and Hormone Replacements cont.		
Ethinylestradiol (>20 µg)	■	■
Ethinylestradiol (≤20 µg)	■	■
Etonogestrel (implant)	◆	■
Etonogestrel (vaginal ring)	◆	■
Gestodene/ethinylestradiol (COC) (>20 µg)	■	■
Gestodene/ethinylestradiol (COC) (≤20 µg)	■	■
Levonorgestrel (Emergency Contraception)	◆	◆
Levonorgestrel (HRT)	◆	■
Levonorgestrel (implant)	◆	■
Levonorgestrel (IUD)	◆	◆
Levonorgestrel (POP)	◆	◆
Levonorgestrel/ethinylestradiol (COC) (>20 µg)	■	■
Levonorgestrel/ethinylestradiol (COC) (≤20 µg)	■	■
Medroxyprogesterone (depot)	■	■
Medroxyprogesterone (oral)	■	■
Medroxyprogesterone/conjugated estrogens (HRT)	■	■
Medroxyprogesterone/estradiol (HRT)	■	■
Micronized progesterone (HRT)	◆	◆
Norelgestromin/ethinylestradiol (patch)	■	■
Norethisterone (Norethindrone) (depot injection)	▲	■
Norethisterone (Norethindrone) (POP)	▲	■
Norethisterone (Norethindrone)/estradiol (HRT)	▲	■
Norethisterone (Norethindrone) ethinylestradiol (COC)	■	■
Norethisterone (Norethindrone)/mestranol (COC)	■	■
Norgestimate/ethinylestradiol (COC)	■	■
Norgestrel/conjugated estrogens (HRT)	■	■
Norgestrel/ethinylestradiol (COC)	■	■
Testosterone	◆	◆
Erectile Dysfunction Agents		
Sildenafil	◆	◆
Tadalafil	◆	◆
Vardenafil	◆	◆
Yohimbine	◆	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Gastrointestinal Agents		
Aluminium hydroxide	◆	■
Alverine citrate	◆	◆
Antacids	◆	■
Aprepitant	◆	◆
Bisacodyl	◆	◆
Bismuth subsalicylate	◆	◆
Cimetidine	◆	◆
Cisapride	▲	▲
Cyclizine	◆	◆
Dantron	◆	◆
Docusate sodium	◆	◆
Domperidone	◆	◆
Droperidol	◆	◆
Esomeprazole	◆	◆
Famotidine	◆	◆
Granisetron	◆	◆
Hyoscine (Scopolamine)	◆	◆
Hyoscine butylbromide	◆	◆
Hyoscine hydrobromide (Scopolamine hydrobromide)	◆	◆
Ispaghula husk	◆	◆
Lactulose	◆	◆
Lafutidine	◆	◆
Lansoprazole	◆	◆
Linaclootide	◆	◆
Loperamide	◆	◆
Lubiprostone	◆	◆
Macrogol	▲	▲
Mebeverine	◆	◆
Mesalazine	◆	◆
Methylcellulose	◆	◆
Metoclopramide	◆	◆
Naloxegol	◆	◆
Nizatidine	◆	◆
Omeprazole	◆	◆
Ondansetron	◆	◆
Pantoprazole	◆	◆
Prucalopride	◆	◆
Rabeprazole	▲	◆
Ranitidine	◆	◆
Roxatidine	◆	◆
Senna	◆	◆
Simeticone	◆	◆
Sulfasalazine	◆	◆
Trimebutine	◆	◆
Vonoprazan	◆	◆
HCC Therapies		
Atezolizumab + bevacizumab	◆	◆
Lenvatinib	◆	◆
Pembrolizumab	◆	◆
Regorafenib	◆	◆
Sorafenib	◆	◆
Hepatitis B Drugs		
Adefovir	▲	◆
Entecavir	◆	◆
Lamivudine	◆	◆
Peginterferon alfa-2a	◆	◆
Peginterferon alfa-2b	◆	◆
Ribavirin	◆	◆
Hepatitis C Drugs		
Daclatasvir	◆	◆
Elbasvir/Grazoprevir	◆	◆
Glecaprevir/Pibrentasvir	◆	◆
Ledipasvir/Sofosbuvir	◆	◆
OBV/PTV/r	◆	◆
OBV/PTV/r + Dasabuvir	◆	◆
Ravidasvir	◆	◆
Ribavirin	◆	◆
Sofosbuvir (SOF)	◆	◆
SOF/Velpatasvir	◆	◆
SOF/Velpatasvir/Voxilaprevir	◆	◆
Hepatitis D Entry Inhibitors		
Bulevirtide	◆	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Herbals/Supplements/Vitamins		
Aloe vera	◆	◆
Ascorbic acid (Vitamin C)	◆	◆
Ashwagandha (Withania somnifera)	◆	◆
Black cohosh (A. racemosa)	◆	◆
Cat's claw (U. tomentosa)	◆	◆
Colecalciferol (Vitamin D3)	◆	◆
Cyanocobalamin (B12)	◆	◆
Diosmin	◆	◆
Echinacea	◆	◆
Enteral feeds	◆	◆
Eucalyptus globulus	◆	◆
Ferrous sulphate	◆	◆
Folic acid	◆	◆
Garlic	◆	◆
Ginger (Z. officinale)	◆	◆
Ginkgo biloba	◆	◆
Ginseng	◆	◆
Goldenseal (H. canadensis)	◆	◆
Grape seed extract	◆	◆
Grapefruit juice	◆	◆
Green tea (C. sinensis)	◆	◆
Homeopathic remedies	◆	◆
Inula racemosa	◆	◆
Iodine	◆	◆
Kava kava (P. methysticum)	◆	◆
L-lysine	◆	◆
Milk thistle	■	◆
Mucuna pruriens	◆	◆
Niacin (Vitamin B3)	◆	◆
Oral nutritional supplements	◆	◆
Oregano oil	◆	◆
Pyridoxine (Vitamin B6)	◆	◆
Retinol (Vitamin A)	◆	◆
Riboflavin (Vitamin B2)	◆	◆
Saw palmetto (S. repens)	◆	◆
St John's wort	◆	◆
THC capsules	◆	◆
Thiamine (Vitamin B1)	◆	◆
Turmeric (curcumin)	◆	◆
Valerian	◆	◆
Vitamin E	◆	◆
Zinc	◆	◆

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Interactions with PBC Agents

Charts created October 2024. Full information available at www.hep-druginteractions.org

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister.

	Obeticholic Acid	Ursodeoxycholic Acid
HIV Drugs		
Entry/Integrase Inhibitors		
Albuvirtide	◆	◆
Bictegravir/FTC/TAF	◆	◆
Cabotegravir (oral)	◆	◆
Cabotegravir/rilpivirine (LA)	◆	■
Dolutegravir	◆	◆
Dolutegravir/ABC/3TC	◆	◆
Dolutegravir/rilpivirine	◆	■
Elvitegravir/cobi /FTC/TAF	◆	◆
Elvitegravir/cobi/FTC/TDF	◆	◆
Enfuvirtide	◆	◆
Fostemsavir	◆	◆
Ibalizumab-uiyk	◆	◆
Lenacapavir	◆	◆
Maraviroc	◆	◆
Raltegravir	◆	◆
NNRTIs		
Dapivirine	◆	◆
Doravirine	◆	◆
Doravirine/3TC/TDF	◆	◆
Efavirenz	◆	▲
Etravirine	◆	◆
Nevirapine	◆	▲
Rilpivirine	◆	■
Rilpivirine/dolutegravir	◆	■
Rilpivirine/FTC/TAF	◆	■
NRTIs		
Abacavir	◆	◆
Didanosine	◆	◆
Emtricitabine (FTC)	◆	◆
Emtricitabine + TAF	◆	◆
Emtricitabine + TDF	◆	◆
Lamivudine	◆	◆
Stavudine	◆	◆
Tenofovir-DF	◆	◆
Zidovudine	◆	◆
Protease Inhibitors		
Atazanavir alone	■	◆
Atazanavir/cobicistat	■	◆
Atazanavir + ritonavir	■	◆
Darunavir/cobicistat	◆	◆
Darunavir/cobi/FTC/TAF	◆	◆
Darunavir + ritonavir	■	◆
Fosamprenavir	■	◆
Indinavir	■	▲
Lopinavir	■	▲
Ritonavir	■	◆
Tipranavir	■	▲

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	Obeticholic Acid	Ursodeoxycholic Acid
Hypertension/Heart Failure Agents		
Acebutolol	◆	◆
Aliskiren	◆	◆
Ambrisentan	◆	◆
Amiloride	◆	◆
Azilsartan	◆	◆
Benazepril	◆	◆
Bosentan	■	▲
Bumetanide	◆	◆
Candesartan	■	◆
Captopril	◆	◆
Chlorthalidone	◆	◆
Chlortalidone	◆	◆
Cilazapril	◆	◆
Clevidipine	◆	◆
Clonidine	◆	◆
Doxazosin	▲	◆
Enalapril	◆	◆
Eplerenone	◆	◆
Epoprostenol	◆	◆
Eprosartan	◆	◆
Fosinopril	◆	◆
Furosemide	◆	◆
Hydralazine	◆	◆
Hydrochlorothiazide	◆	◆
Iloprost	◆	◆
Indapamide	◆	◆
Irbesartan	■	◆
Isradipine	▲	▲
Ivabradine	◆	◆
Lacidipine	◆	▲
Lercanidipine	◆	▲
Lisinopril	◆	◆
Losartan	■	◆
Macitentan	◆	◆
Methyldopa	◆	◆
Metolazone	◆	◆
Moxonidine	◆	◆
Olmesartan	■	◆
Perindopril	◆	◆
Prazosin	◆	◆
Quinapril	▲	◆
Ramipril	◆	◆
Ranolazine	▲	▲
Rilmenidine	◆	◆
Riociguat	◆	◆
Sacubitril/valsartan	◆	◆
Selexipag	◆	▲
Sildenafil	◆	◆
Sodium nitroprusside	◆	◆
Spirolactone	■	◆
Tadalafil	◆	◆
Telmisartan	■	◆
Torsemide	◆	◆
Trandolapril	◆	◆
Treprostinil	◆	▲
Valsartan	◆	◆
Xipamide	◆	◆
Zofenopril	◆	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Illicit/Recreational		
Alcohol	◆	◆
Amphetamine	◆	▲
Cannabis	◆	◆
Carfentanil	◆	◆
Cocaine	◆	◆
Ecstasy (MDMA)	◆	▲
Fentanyl (Recreational)	◆	◆
GHB (Gamma-hydroxybutyrate)	◆	◆
Heroin	◆	◆
LSD (Lysergic acid diethylamide)	◆	▲
Mephedrone	◆	◆
Methamphetamine	◆	▲
Nicotine	◆	◆
Nitazenes	▲	◆
Phencyclidine (PCP)	◆	▲
Immunosuppressants		
Abatacept	◆	◆
Adalimumab	◆	◆
Alemtuzumab	◆	◆
Anakinra	◆	◆
Azathioprine	◆	◆
Baricitinib	◆	◆
Basiliximab	◆	◆
Belimumab	◆	◆
Brodalumab	◆	◆
Canakinumab	◆	◆
Ciclosporin	■	■
Eculizumab	◆	◆
Etanercept	◆	◆
Fingolimod	◆	◆
Golimumab	◆	◆
Guselkumab	◆	◆
Infliximab	◆	◆
Ixekizumab	◆	◆
Lenalidomide	◆	◆
Mirikizumab	◆	◆
Mycophenolate	▲	◆
Pirfenidone	◆	◆
Ravulizumab	◆	◆
Risankizumab	◆	◆
Sarilumab	◆	◆
Secukinumab	◆	◆
Siltuximab	◆	◆
Sirolimus	◆	▲
Tocilizumab	◆	◆
Tacrolimus	■	▲
Tildrakizumab	◆	◆
Tralokinumab	◆	◆
Ublituximab	◆	◆
Upadacitinib	◆	◆
Ustekinumab	◆	◆
Vedolizumab	◆	◆

Key to symbols

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Interactions with PBC Agents

Charts created October 2024. Full information available at www.hep-druginteractions.org

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	Obeticholic Acid	Ursodeoxycholic Acid
Lipid Lowering Agents		
Alirocumab	◆	◆
Atorvastatin	■	◆
Bempedoic acid	◆	▲
Bezafibrate	◆	◆
Evolocumab	◆	◆
Ezetimibe	▲	◆
Fenofibrate	■	◆
Fish oils	◆	◆
Fluvastatin	▲	◆
Gemfibrozil	◆	◆
Icosapent ethyl	◆	▲
Lovastatin	■	◆
Omega-3-6-9 fatty acids	◆	◆
Pitavastatin	■	◆
Pravastatin	◆	◆
Rosuvastatin	◆	◆
Simvastatin	■	◆
Oxytocics		
Ergometrine (ergonovine)	◆	◆
Mifepristone	■	◆
Misoprostol	▲	◆
Parkinsonism Agents		
Benzotropine	◆	◆
Carbidopa	◆	◆
Orphenadrine	◆	▲
Pramipexole	◆	◆
Procyclidine	◆	◆
Rasagiline	◆	▲
Ropinirole	◆	▲
PBC Agents		
Obeticholic acid		◆
Ursodeoxycholic acid	◆	
Steroids		
Beclometasone	◆	◆
Betamethasone	◆	◆
Budesonide	▲	◆
Ciclesonide	◆	◆
Clobetasol (topical)	◆	◆
Clobetasone (topical)	◆	◆
Dexamethasone ≤ 16 mg	◆	▲
Dexamethasone >16 mg	◆	▲
Fludrocortisone	◆	◆
Flunisolide	◆	◆
Fluticasone	◆	◆
Hydrocortisone (topical)	◆	◆
Methylprednisolone	◆	◆
Mometasone	◆	◆
Prednicarbate	◆	◆
Prednisone	◆	◆
Triamcinolone	◆	◆
Urological Agents		
Alfuzosin	◆	◆
Desmopressin	◆	◆
Dutasteride	▲	◆
Finasteride	▲	◆
Mirabegron	◆	◆
Silodosin	◆	◆
Solifenacin	◆	◆
Tamsulosin	◆	◆
Tolterodine	◆	◆
Trospium	◆	◆

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	Obeticholic Acid	Ursodeoxycholic Acid
Other Drugs		
Acamprosate	◆	◆
Acetazolamide	◆	◆
Acitretin	▲	◆
Activated charcoal	▲	▲
Allopurinol	◆	◆
Atomoxetine	◆	◆
Atropine	◆	◆
Baclofen	◆	◆
Bamlanivimab	◆	◆
Benralizumab	◆	◆
Bethahistine	◆	◆
Bimatoprost	◆	◆
Biperiden	◆	▲
Brimonidine	◆	◆
Brinzolamide	◆	◆
Bromocriptine	◆	◆
Burosumab	◆	◆
Calcitonin	◆	◆
Calcium carbimide	◆	◆
Calcium resonium	◆	◆
Cannabidiol (CBD)	◆	◆
Carbimazole	◆	◆
Carisoprodol	◆	▲
Casirivimab/imdevimab	◆	◆
Cilostazol	◆	◆
Clomifene	◆	◆
Colchicine	◆	◆
Colestyramine	▲	■
Conivaptan	◆	◆
Convalescent plasma (COVID-19)	◆	◆
COVID-19 vaccines	◆	◆
Cyclobenzaprine	◆	▲
Cyproterone acetate	◆	◆
Cytisine	◆	◆
Darbepoetin	◆	◆
Deferiprone	◆	◆
Denosumab	◆	◆
Dexamfetamine	◆	▲
Dextromethorphan	◆	◆
Disulfiram	■	▲
Donepezil	▲	◆
Dorzolamide	◆	◆
Dupilumab	◆	◆
Eliglustat	◆	◆
Emicizumab	◆	◆
Epoetin alfa	◆	◆
Etelcalcetide	◆	◆
Faricimab	◆	◆
Febuxostat	▲	◆
Filgrastim	◆	◆
Filbanserin	◆	▲
Gadopentetate (gadolinium)	◆	◆
Glucose monohydrate (IV)	◆	◆
Glycerol phenylbutyrate	◆	◆
Goserelin acetate	◆	◆
Guanfacine	◆	◆
Idarucizumab	◆	◆
Influenza vaccine	◆	◆
Interferon beta	◆	◆
Isosorbide mononitrate	◆	◆
Isotretinoin	▲	▲
Lanadelumab	◆	◆
Lanreotide	◆	◆
Lisdexamfetamine	◆	◆
Lebrikizumab	◆	◆
Leuprorelin acetate	◆	◆
Levothyroxine	◆	◆
Lofexidine	◆	◆
Lumacaftor/Ivacaftor	◆	◆
Magnesium	◆	◆
Melatonin	◆	◆
Memantine	◆	▲

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	Obeticholic Acid	Ursodeoxycholic Acid
Other Drugs Continued		
Mepolizumab	◆	◆
Methimazole (Thiamazole)	◆	◆
Methylphenidate	◆	◆
Minoxidil	◆	◆
Modafinil	◆	◆
Naftidrofuryl	◆	◆
Nalmefene	◆	◆
Naloxone	◆	◆
Naltrexone	◆	◆
Neostigmine	◆	◆
Nicorandil	◆	◆
Nusinersen	◆	◆
Ocrelizumab	◆	◆
Orlistat	▲	▲
Penicillamine	◆	◆
Pentoxifylline	◆	◆
Phenylephrine	◆	◆
Pilocarpine	◆	◆
Piracetam	◆	◆
Potassium	◆	◆
Propylthiouracil	◆	◆
Protamine sulphate	◆	◆
Pseudoephedrine	◆	◆
Pyridostigmine	◆	◆
Raloxifene	◆	◆
Romosozumab	◆	◆
Rozanolixizumab	◆	◆
Sevelamer	◆	◆
Strontium ranelate	◆	◆
Thalidomide	◆	◆
Triptorelin	◆	◆
Tranexamic acid	◆	◆
Varenicline	◆	◆

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