

HCV Directly Acting Antivirals & RBV

Charts revised November 2020. 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.

DCV, Daclatasvir; ELB/GZR, Elbasvir/Grazoprevir; G/P, Glecaprevir/Pibrentasvir; LED, Ledipasvir; OBV/PTV/r + DSV, Ombitasvir/Paritaprevir/Ritonavir + Dasabuvir; SMV, Simeprevir; SOF, Sofosbuvir; VEL, Velpatasvir; VOX, Voxilaprevir; RBV, Ribavirin.

Table with columns for drugs (DCV, ELB/GZR, G/P, LED/SOF, OBV/PTV/r, OBV/PTV/r+DSV, SMV, SOF, SOF/VEL, SOF/VEL/VOX, RBV) and rows for Antidepressants, Antidiabetics, Antifungals, and Antihistamines.

Table with columns for drugs (DCV, ELB/GZR, G/P, LED/SOF, OBV/PTV/r, OBV/PTV/r+DSV, SMV, SOF, SOF/VEL, SOF/VEL/VOX, RBV) and rows for Antihistamines, Antimigraine Agents, Antiprotozoals, Antipsychotics/Neuroleptics, and Antifungals.

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Key to symbols

Legend table with symbols (red diamond, orange square, yellow triangle, green diamond) and their corresponding meanings for drug interactions.

Notes

- List of notes providing additional context and warnings regarding the use of the interaction charts, including advice on monitoring and cautioning patients.

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	DCV	ELB/GZR	G/P	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
Antivirals											
Aciclovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amantadine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Brivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cidofovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Foscarnet	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oseltamivir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rimantadine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valaciclovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zanamivir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Anxiolytics/Hypnotics/Sedatives											
Alprazolam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amobarbital	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bromazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bromperidol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Buspirone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clobazam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clorazepate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clotiapine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Diazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Estazolam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flurazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lorazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lormetazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Midazolam (oral)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Midazolam (parenteral)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oxazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Quazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Temazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Triazolam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zaleplon	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zolpidem	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zopiclone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Beta Blockers											
Atenolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bisoprolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carvedilol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Celiprolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Labetalol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metoprolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nebivolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oxprelolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pindolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Propranolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sotalol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Timolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bisphosphonates											
Alendronic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clodronate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ibandronic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pamidronate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Risedronate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bronchodilators											
Formoterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Indacaterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ipratropium bromide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Montelukast	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Omalizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Salbutamol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Salmeterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Theophylline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tiotropium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Calcium Channel Blockers											
Amlodipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Diltiazem	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Felodipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nicardipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nifedipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nisoldipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nitrendipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Verapamil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

	DCV	ELB/GZR	G/P	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
Cancer Therapies											
Abiraterone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Acalabrutinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Anastrozole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Avelumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Axitinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bevacizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Blinatumomab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bortezomib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bosutinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Brentuximab vedotin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Capecitabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carboplatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cetuximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlorambucil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cisplatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cyclophosphamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Daratumumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dasatinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Doxorubicin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Erlotinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Estramustine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etoposide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Everolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Exemestane	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fludarabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gefitinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gemcitabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Idarubicin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Imatinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ipilimumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Irinotecan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ixazomib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lapatinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Letrozole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Medroxyprogesterone (oncology)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mercaptopurine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mesna	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methotrexate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mitoxantrone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nilotinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Niraparib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nivolumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Obinutuzumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ofatumumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Olaratumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oxaliplatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Paclitaxel	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Panitumumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rituximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sorafenib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sunitinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tamoxifen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Temsirolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vinblastine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vincristine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vinorelbine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Contraceptives and Hormone Replacements											
Conjugated Estrogens	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desogestrel (POP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desogestrel/ethinylestradiol (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dienogest	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Drospirenone (POP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Drospirenone (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Drospirenone/ethinylestradiol (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dydrogesterone/estradiol (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Estradiol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ethinylestradiol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etonogestrel (implant)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etonogestrel (vaginal ring)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gestodene/ethinylestradiol (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levonorgestrel (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levonorgestrel (Emergency Contraception)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levonorgestrel (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levonorgestrel (implant)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levonorgestrel (IUD)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levonorgestrel (POP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DCV	ELB/GZR	G/P	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
Contraceptives and Hormone Replacements (cont)											
Medroxyprogesterone (depot)	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Medroxyprogesterone (oral)	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Medroxyprogesterone/conjugated estrogens (HRT)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Medroxyprogesterone/estradiol (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)	◆	◆	●	◆	●	●	◆	◆	◆	●	◆
Erectile Dysfunction Agents											
Sildenafil	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Tadalafil	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Vardenafil	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Gastrointestinal Agents											
Aluminium hydroxide	◆	◆	◆	■	◆	◆	◆	▲	■	■	◆
Alverine citrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Antacids	◆	◆	◆	◆	◆	◆	◆	▲	■	■	◆
Aprepitant	▲	◆	◆	◆	■	■	■	◆	◆	◆	◆
Bisacodyl	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cimetidine	▲	◆	▲	■	◆	◆	◆	◆	■	■	◆
Cisapride	◆	■	■	■	●	●	●	◆	◆	◆	◆
Cyclizine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dantron	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Domperidone	◆	◆	■	◆	●	●	■	◆	◆	◆	◆
Droperidol	◆	◆	■	◆	■	■	◆	◆	◆	◆	◆
Esomeprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Famotidine	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Granisetron	◆	▲	▲	■	■	■	▲	◆	◆	◆	◆
Hyoscine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ispaghula husk	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lactulose	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lansoprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Linaclotide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Loperamide	■	▲	▲	■	■	■	◆	◆	◆	▲	◆
Lubiprostone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Macrogol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mebeverine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mesalazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylcellulose	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metoclopramide	◆	◆	◆	◆	●	●	◆	◆	◆	◆	◆
Naloxegol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Omeprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Ondansetron	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pantoprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Prucalopride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rabeprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Ranitidine	◆	◆	▲	■	◆	◆	◆	◆	■	■	◆
Senna	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Simeticone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sulfasalazine	◆	◆	■	■	■	■	◆	◆	■	●	◆
Trimebutine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

	DCV	ELB/GZR	G/P	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
HCC Therapies											
Pembrolizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Regorafenib	◆	▲	▲	■	●	●	▲	◆	■	■	▲
Hepatitis B Drugs											
Adefovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Entecavir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lamivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Peginterferon alfa-2a	◆	■	■	■	■	■	◆	◆	■	■	◆
Peginterferon alfa-2b	◆	■	■	■	■	■	◆	◆	■	■	◆
Telbivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tenofovir alafenamide	◆	◆	◆	◆	■	■	◆	◆	◆	◆	■
Tenofovir-DF	◆	◆	◆	◆	■	■	◆	◆	◆	■	◆
Hepatitis C Drugs (Direct Acting Antivirals)											
Daclatasvir	◆	●	●	◆	●	●	◆	◆	●	●	◆
Elbasvir/Grazoprevir	●	■	■	●	●	●	◆	◆	●	●	◆
Glecaprevir/Pibrentasvir	●	■	■	●	●	●	◆	◆	●	●	◆
Ledipasvir/Sofosbuvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
OBV/PTV/r	●	●	●	◆	◆	n/a	◆	◆	●	●	◆
OBV/PTV/r + DSV	●	●	●	◆	n/a	◆	◆	◆	●	●	◆
Ribavirin	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆
Simeprevir	◆	◆	◆	◆	◆	◆	◆	◆	▲	◆	◆
Sofosbuvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SOF/Velpatasvir	●	●	●	◆	◆	◆	▲	◆	◆	◆	◆
SOF/Velpatasvir/Voxilaprevir	●	●	●	◆	◆	◆	◆	◆	◆	◆	■

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Key to symbols

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▲	Potential interaction likely to be of weak intensity. Additional action/monitoring or dosage adjustment is unlikely to be required
◆	No clinically significant interaction expected

Notes

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- Caution is required in patients with hepatic impairment as this may also increase drug levels and require dose modification.
- Where advice differs between countries, the charts reflect the more cautious option.

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HCV Directly Acting Antivirals & RBV

Charts revised November 2020. 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.

DCV, Daclatasvir; ELB/GZR, Elbasvir/Grazoprevir; G/P, Glecaprevir/Pibrentasvir; LED, Ledipasvir; OBV/PTV/r + DSV, Ombitasvir/Paritaprevir/Ritonavir + Dasabuvir; SMV, Simeprevir; SOF, Sofosbuvir; VEL, Velpatasvir; VOX, Voxilaprevir; RBV, Ribavirin.

	DCV	ELB/GZR	G/P	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
Herbals/Supplements/Vitamins											
Aloe vera	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ascorbic acid (Vitamin C)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Black cohosh	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cat's claw (U. tomentosa)	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Colecalciferol (Vitamin D3)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cyanocobalamin (B12)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Diosmin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Echinacea	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eucalyptus globulus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Iron supplements	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Kava kava	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Milk thistle	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Retinol (Vitamin A)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Riboflavin (Vitamin B2)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Serenoa repens	■	◆	◆	◆	■	■	◆	◆	◆	◆	◆
St John's wort	●	●	●	●	●	●	●	●	●	●	◆
Thiamine (Vitamin B1)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Turmeric (curcumin)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valerian	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vitamin E	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

	DCV	ELB/GZR	G/P	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
HIV Drugs											
<i>Entry/Integrase Inhibitors</i>											
Bictegravir/FTC/TAF	◆	◆	▲	◆	■	■	◆	◆	◆	◆	■
Dolutegravir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dolutegravir/rilpivirine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Elvitegravir/cobi /FTC/TAF	■	●	◆	◆	●	●	◆	◆	◆	◆	■
Elvitegravir/cobi/FTC/TDF	■	●	◆	◆	●	●	◆	◆	◆	◆	■
Ibalizumab-uiyk	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Maraviroc	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Raltegravir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<i>NNRTIs</i>											
Doravirine	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Doravirine/3TC/TDF	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	■
Efavirenz	■	●	●	■	●	●	◆	◆	◆	◆	◆
Etravirine	■	●	●	◆	●	●	◆	◆	◆	◆	◆
Nevirapine	■	●	●	◆	●	●	◆	◆	◆	◆	◆
Rilpivirine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Rilpivirine/dolutegravir	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Rilpivirine/FTC/TAF	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
<i>NRTIs</i>											
Abacavir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Didanosine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	●
Emtricitabine (FTC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Emtricitabine + TAF	◆	◆	◆	◆	■	■	◆	◆	◆	◆	■
Emtricitabine + TDF	◆	◆	◆	◆	■	■	◆	◆	◆	◆	■
Lamivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Stavudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	●
Tenofovir-DP (TDF)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	■
Zidovudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	●
<i>Protease Inhibitors</i>											
Atazanavir alone	◆	●	●	◆	■	■	◆	◆	◆	◆	■
Atazanavir/cobicistat	■	●	●	◆	●	●	◆	◆	◆	◆	■
Atazanavir + ritonavir	■	●	●	◆	●	●	◆	◆	◆	◆	■
Darunavir/cobicistat	◆	●	●	◆	●	●	◆	◆	◆	◆	◆
Darunavir/cobi/FTC/TAF	◆	●	●	◆	●	●	◆	◆	◆	◆	◆
Darunavir + ritonavir	◆	●	●	◆	■	■	◆	◆	◆	◆	■
Fosamprenavir	■	●	●	◆	■	■	◆	◆	◆	◆	◆
Indinavir	■	●	●	◆	●	●	◆	◆	◆	◆	◆
Lopinavir	◆	●	●	■	●	●	◆	◆	◆	◆	◆
Ritonavir	■	●	●	◆	●	●	◆	◆	◆	◆	■
Saquinavir	■	●	●	◆	●	●	◆	◆	◆	◆	◆
Tipranavir	■	●	●	●	●	●	◆	◆	◆	◆	◆

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Hypertension/Heart Failure Agents											
Acebutolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Aliskiren	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ambrisentan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amiloride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Azilsartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Benazepril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bendroflumethiazide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Olmесartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Perindopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prazosin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Quinapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ramipril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ranolazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rilmenidine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Riociguat	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Selexipag	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sildenafil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Spirolactone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tadalafil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Telmisartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Torasemide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trandolapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Treprostinil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valsartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Xipamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zofenopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

	DCV	ELB/GZR	G/P	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
Illicit/Recreational											
Alcohol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amphetamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cannabis	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carfentanil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cocaine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ecstasy (MDMA)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
GHB (Gamma-hydroxybutyrate)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Heroin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
LSD (Lysergic acid diethylamide)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mephedrone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methamphetamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Phencyclidine (PCP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Immunosuppressants											
Adalimumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Alemtuzumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Anakinra	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Azathioprine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Baricitinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Basiliximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Brodalumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ciclosporin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ecucizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etanercept	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fingolimod	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lenalidomide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mycophenolate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pirfenidone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sirolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tacrolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lipid Lowering Agents											
Atorvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bezafibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ezetimibe	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fenofibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gemfibrozil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lovastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pitavastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pravastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rosuvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Simvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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Key to symbols

●	These drugs should not be coadministered
■	Potential clinically significant interaction that is likely to require additional monitoring, alteration of drug dosage or timing of administration
▲	Potential interaction likely to be of weak intensity. Additional action/monitoring or dosage adjustment is unlikely to be required
◆	No clinically significant interaction expected

Notes

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- Caution is required in patients with hepatic impairment as this may also increase drug levels and require dose modification.
- Where advice differs between countries, the charts reflect the more cautious option.

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HCV Directly Acting Antivirals & RBV

Charts revised November 2020. Full information available at www.hep-druginteractions.org

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

DCV, Daclatasvir; ELB/GZR, Elbasvir/Grazoprevir; G/P, Glecaprevir/Pibrentasvir; LED, Ledipasvir; OBV/PTV/r + DSV, Ombricitasvir/Paritaprevir/Ritonavir + Dasabuvir; SMV, Simeprevir; SOF, Sofosbuvir; VEL, Velpatasvir; VOX, Voxilaprevir; RBV, Ribavirin.

	DCV	ELB/ GZR	G/P	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Other Drugs											
Acamprosate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Acetazolamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Acitretin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Activated charcoal	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Allopurinol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Atomoxetine	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Atropine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Baclofen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Benralizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bethahistine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bimatoprost	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Biperiden	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Brinzolamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bromocriptine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Calcitonin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Calcium carbimide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Calcium resonium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cannabidiol (CBD)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carbamazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carisoprodol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cilostazol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clomifene	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Colchicine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Colestyramine	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Conivaptan	●	◆	◆	◆	●	●	●	●	◆	◆	◆
Cyclobenzaprine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cytisine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Darbepoetin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Deferiprone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Denosumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dexamfetamine	▲	▲	▲	▲	◆	◆	▲	▲	▲	▲	▲
Dextromethorphan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Disulfiram	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Donepezil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dorzolamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dupilumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eliquis	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Epoetin alfa	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etelcalcetide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Febuxostat	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Filgrastim	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flibanserin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gadopentetate (gadolinium)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Glycerol phenylbutyrate	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Goserelin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Influenza vaccine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isosorbide mononitrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isotretinoin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lanreotide	▲	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Levothyroxine	▲	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lofexidine	▲	▲	▲	▲	▲	▲	◆	◆	▲	▲	▲
Lumacaftor/Ivacaftor	●	●	●	●	●	●	●	●	●	●	●
Magnesium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Melatonin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Memantine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylphenidate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Minoxidil	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Modafinil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nafidrofuryl	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nalmefene	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naloxone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naltrexone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Neostigmine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nicorandil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nusinersan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ocrelizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Orlistat	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Penicillamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pentoxifylline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Phenylephrine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pilocarpine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Piracetam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Potassium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Protamine sulphate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pseudoephedrine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pyridostigmine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Raloxifene	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sevelamer	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Strontium ranelate	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Thalidomide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tranexamic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Varenicline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

	DCV	ELB/ GZR	G/P	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fludrocortisone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flunisolide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluticasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Hydrocortisone (topical)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylprednisolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mometasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prednicarbate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prednisone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Triamcinolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Urological Agents											
Alfuzosin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desmopressin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dutasteride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Finasteride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mirabegron	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Silodosin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sildenafil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tamsulosin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tolterodine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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