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

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	DCV	EBR/ GZR	GLP/ PIB	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Antibacterials (continued)											
Cloxacillin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Dapsone	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Delamanid	🟢	🟢	🟢	🟢	🟠	🟠	🟢	🟢	🟢	🟢	🟢
Ertapenem	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Erythromycin	🟠	🟢	🟠	🟢	🟠	🟠	🔴	🟢	🟢	🟠	🟢
Ethambutol	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Flucloxacillin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Gentamicin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Imipenem	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Isoniazid	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟡
Levofloxacin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Linezolid	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟠
Lymecycline	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Meropenem	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Methenamine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Metronidazole	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Moxifloxacin	🟢	🟢	🟢	🟢	🟠	🟠	🟢	🟢	🟢	🟢	🟢
Nitrofurantoin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Norfloxacin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Oфлоxacin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Penicillin V	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Piperacillin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Pivmecillinam	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Pyrazinamide	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Rifabutin	🔴	🔴	🔴	🔴	🟠	🟠	🔴	🔴	🔴	🔴	🟢
Rifampicin	🔴	🔴	🔴	🔴	🟠	🟠	🔴	🔴	🔴	🔴	🟢
Rifapentine	🔴	🔴	🔴	🔴	🟠	🟠	🔴	🔴	🔴	🔴	🟢
Rifaximin	🟢	🟠	🟠	🟢	🟠	🟠	🔴	🟢	🟢	🟠	🟢
Spectinomycin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Streptomycin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Sulfadiazine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Tazobactam	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Telithromycin	🟠	🟠	🟠	🟠	🔴	🔴	🔴	🟢	🟢	🟠	🟢
Temocillin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Tetracyclines	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Ticarclillin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Trimethoprim/Sulfamethoxazole	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Troleandomycin	🟠	🔴	🔴	🟢	🟠	🟠	🔴	🟢	🟠	🔴	🟢
Vancomycin	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Anticoagulant, Antiplatelet & Fibrinolytic											

Notes

- | | |
|---|---|
| ● | 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 |

- Further information is available at www.hep-druginteractions.org
- Predicted interactions are based on known metabolic pathways and routes of clearance.
- 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

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

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	DCV	EBR/GZR	GLP/PIB	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
Antidepressants											
Agomelatine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amitriptyline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bupropion	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Citalopram	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clomipramine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desipramine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desvenlafaxine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dosulepin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Doxepin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Duloxetine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Escitalopram	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluoxetine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluvoxamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Imipramine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lithium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Maprotiline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mianserin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Milnacipran	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mirtazapine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Moclobemide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nefazodone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nortriptyline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Paroxetine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sitagliptin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tolbutamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vildagliptin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Antifungals											
Amphotericin B	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Anidulafungin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Caspofungin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluconazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flucytosine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Griseofulvin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isavuconazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Itraconazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ketoconazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Miconazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nystatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Posaconazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Terbinafine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Voriconazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DCV	EBR/ GZR	GLP/ PIB	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Antihistamines											
Astemizole	🟢	🟢	🟡	🟢	🔴	🔴	🔴	🟢	🟢	🟢	🟢
Bilastine	🟡	🟡	🟡	🟡	🟢	🟢	🟡	🟢	🟡	🟡	🟢
Cetirizine	🟡	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Chlorphenamine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Desloratadine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Diphenhydramine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Doxylamine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Ebastine	🟢	🟡	🟡	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟢
Fexofenadine	🟡	🟡	🟡	🟢	🟡	🟡	🟡	🟢	🟢	🟡	🟢
Hydroxyzine	🟢	🟢	🟡	🟢	🟢	🟢	🟡	🟢	🟢	🟢	🟢
Levocetirizine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Loratadine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Promethazine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Terfenadine	🟢	🟢	🟡	🟢	🔴	🔴	🔴	🟢	🟢	🟢	🟢
Antimigraine Agents											
Almotriptan	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Dihydroergotamine	🟢	🟡	🟡	🟡	🔴	🔴	🔴	🟢	🟢	🟢	🟢
Eletriptan	🟢	🟢	🟢	🟢	🔴	🔴	🟡	🟢	🟢	🟢	🟢
Ergotamine	🟢	🟡	🟡	🟡	🔴	🔴	🔴	🟢	🟢	🟢	🟢
Frovatriptan	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Methylergonovine	🟢	🟡	🟡	🟡	🔴	🔴	🔴	🟢	🟢	🟢	🟢
Naratriptan	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Pizotifen	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Rizatriptan	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Sumatriptan	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Zolmitriptan	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Antiprototoxals											
Amodiaquine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Artemether	🟢	🟢	🟢	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟢
Artemisinin	🟡	🟢	🟢	🟢	🟡	🟡	🟡	🟢	🟡	🟡	🟢
Artesunate	🟡	🟡	🟢	🟢	🟡	🟡	🟡	🟢	🟡	🟡	🟢
Atovaquone	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟡
Chloroquine	🟢	🟢	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟢	🟢
Dihydroartemisinin	🟡	🟡	🟢	🟢	🟡	🟡	🟡	🟢	🟡	🟡	🟢
Doxycycline	🟢	🟢	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟢	🟢
Halofantrine	🟢	🟢	🟢	🟢	🔴	🔴	🟢	🟢	🟢	🟢	🟢
Hydroxychloroquine	🟢	🟢	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟢	🟢
Lumefantrine	🟢	🟢	🟢	🟢	🔴	🔴	🟢	🟢	🟢	🟢	🟢
Mefloquine	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟢	🟢	🟡	🟢
Pentamidine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Primaquine	🟡	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Proguanil	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Pyrimethamine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Quinine	🟡	🟡	🟡	🟡	🟡	🟡	🟢	🟢	🟢	🟡	🟢
Sodium stibogluconate	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Sulfadoxine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Antipsychotics/Neuroleptics											
Amisulpride	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Aripiprazole	🟢	🟡	🟢	🟢	🟢	🟢	🟡	🟢	🟢	🟢	🟢
Asenapine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Chlorpromazine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Chlorprothixene	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Clozapine	🟢	🟢	🟡	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟡
Flupentixol	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Fluphenazine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Haloperidol	🟢	🟢	🟢	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟢
Iloperidone	🟢	🟢	🟢	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟢
Levomopromazine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Olanzapine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Paliperidone	🟡	🟢	🟡	🟡	🟡	🟢	🟡	🟢	🟢	🟡	🟢
Perazine	🟢	🟢	🟢	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟢
Periciazine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Perphenazine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Pimozide	🟢	🔴	🔴	🔴	🔴	🔴	🔴	🟢	🟢	🟢	🟢
Pipotiazine	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Prochlorperazine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Quetiapine	🟢	🟡	🟡	🟢	🔴	🔴	🟡	🟢	🟢	🟢	🟢
Risperidone	🟢	🟢	🟢	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟢
Sulpiride	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Thioridazine	🟢	🟢	🟡	🟢	🟡	🟡	🟡	🟢	🟢	🟢	🟢
Tiapride	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢
Trifluoperazine	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢
Ziprasidone	🟢	🟢	🟢	🟢	🟡	🟡	🔴	🟢	🟢	🟢	🟢
Zuclopetixol	🟢	🟢	🟢	🟢	🟡	🟡	🟢	🟢	🟢	🟢	🟢

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

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

	DCV	EBR/ GZR	GLP/ PIB	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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Notes

- Further information is available at www.hep-druginteractions.org
- Predicted interactions are based on known metabolic pathways and routes of clearance.
- 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 February 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; EBR/GZR, Elbasvir/Grazoprevir; GLP/PIB, Glecaprevir/Pibrentasvir; LED, Ledipasvir; OBV/PTV/r + DSV, Ombitasvir/Paritaprevir/Ritonavir + Dasabuvir; SMV, Simeprevir; SOF, Sofosbuvir; VEL, Velpatasvir; VOX, Voxilaprevir; RBV, Ribavirin.

	DCV	EBR/GZR	GLP/PIB	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	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Linaclootide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Loperamide	■	▲	▲	■	■	■	■	◆	▲	▲	◆
Lubiprostone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Macrogol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mebeverine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mesalazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylcellulose	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metoclopramide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naloxegol	◆	◆	◆	◆	●	●	◆	◆	◆	◆	◆
Omeprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Ondansetron	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pantoprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Prucalopride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rabeprazole	◆	◆	▲	■	▲	▲	◆	◆	■	■	◆
Ranitidine	◆	◆	▲	■	◆	◆	◆	◆	■	■	◆
Senna	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Simeticone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sulfasalazine	◆	◆	■	■	■	■	◆	◆	■	●	◆
Trimebutine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DCV	EBR/GZR	GLP/PIB	LED/SOF	OBV/PTV/r	OBV/PTV/r + DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
HCC Therapies											
Pembrolizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Hepatitis B Drugs											
Adefovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Entecavir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lamivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Peginterferon alfa-2a	◆	■	■	■	■	■	◆	◆	■	■	◆
Peginterferon alfa-2b	◆	■	■	■	■	■	◆	◆	■	■	◆
Telbivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tenofovir alafenamide	◆	◆	◆	◆	■	■	◆	◆	◆	■	■
Tenofovir-DP	◆	◆	◆	■	◆	◆	◆	◆	■	■	■
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	●	●	●	●	●	●	●	◆	■	■	■

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

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HCV Directly Acting Antivirals & RBV

Charts revised February 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; EBR/GZR, Elbasvir/Grazoprevir; GLP/PIB, Glecaprevir/Pibrentasvir; LED, Ledipasvir; OBV/PTV/r + DSV, Ombitasvir/Paritaprevir/Ritonavir + Dasabuvir; SMV, Simeprevir; SOF, Sofosbuvir; VEL, Velpatasvir; VOX, Voxilaprevir; RBV, Ribavirin.

	DCV	EBR/GZR	GLP/PIB	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	EBR/GZR	GLP/PIB	LED/SOF	OBV/PTV/r	OBV/PTV/r+DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX	RBV
HIV Drugs											
Entry/Integrase Inhibitors											
Bictegravir/FTC/TAF	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dolutegravir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dolutegravir/rilpivirine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Elvitegravir/cobi /FTC/TAF	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Elvitegravir/cobi/FTC/TDF	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ibalizumab-uiyk	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Maraviroc	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Raltegravir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
NNRTIs											
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-DP (TDF)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zidovudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Protease Inhibitors											
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlorothiazide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlorthalidone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oltresartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Perindopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prazosin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Quinapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ramipril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ranolazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rilmenidine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Riociguat	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Selexipag	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sildenafil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Spironolactone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tadalafil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Telmisartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Torsemide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trandolapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Treprostinil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valsartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Xipamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zofenopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DCV	EBR/GZR	GLP/PIB	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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Azathioprine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Basiliximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Brodalumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ciclosporin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eculizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etanercept	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fingolimod	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lenalidomide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mycophenolate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pirfenidone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sirolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tacrolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lipid Lowering Agents											
Atorvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bezafibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ezetimibe	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fenofibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gemfibrozil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lovastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pitavastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pravastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rosuvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Simvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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
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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 February 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; EBR/GZR, Elbasvir/Grazoprevir; GLP/PIB, Glecaprevir/Pibrentasvir; LED, Ledipasvir; OBV/PTV/r + DSV, Ombitasvir/Paritaprevir/Ritonavir + Dasabuvir; SMV, Simeprevir; SOF, Sofosbuvir; VEL, Velpatasvir; VOX, Voxilaprevir; RBV, Ribavirin.

	DCV	EBR/GZR	GLP/PIB	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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bethastine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eliglustat	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naftidrofuryl	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DCV	EBR/GZR	GLP/PIB	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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