HCV Directly Acting Antivirals & RBV

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. Cells have been left blank for the unassessed interactions with RBV.

	DCV	EBR/ GZR	GLP/ PIB	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Anaesthetics & Muscle Relaxants											
Bupivacaine	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Cisatracurium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isoflurane	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ketamine	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Propofol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Thiopental	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tizanidine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Analgesics											
Alfentanil	◆	◆	■	◆	■	■	■	◆	◆	◆	
Aspirin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Buprenorphine	◆	◆	◆	■	■	■	◆	◆	◆	▲	
Celecoxib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Codeine	◆	◆	◆	◆	▲	▲	■	◆	◆	◆	
Dextropropoxyphene	◆	◆	◆	◆	●	●	●	◆	◆	◆	
Diamorphine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Diclofenac	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Diflunisal	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Dihydrocodeine	◆	◆	◆	◆	▲	▲	■	◆	◆	◆	
Etoricoxib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fentanyl	◆	◆	■	◆	■	■	■	◆	◆	◆	
Flurbiprofen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Hydrocodone	◆	◆	■	◆	■	■	■	◆	◆	◆	
Hydromorphone	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Ibuprofen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Indometacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ketoprofen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mefenamic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Meloxicam	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Metamizole (Dipyrone)	■	■	■	◆	■	■	■	◆	■	■	●
Methadone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Morphine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Naproxen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Oxycodone	◆	■	■	■	■	■	■	◆	◆	◆	◆
Paracetamol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Pethidine (Meperidine)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Piroxicam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Tramadol	◆	◆	◆	◆	▲	▲	■	◆	◆	◆	
Anthelmintics											
Albendazole	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Ivermectin	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Oxamniquine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Praziquantel	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Pyrantel	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Antiarrhythmics											
Amiodarone	●	■	■	●	●	●	■	●	●	●	
Bepridil	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Digoxin	■	◆	■	■	■	■	■	◆	■	■	
Disopyramide	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Dofetilide	◆	◆	◆	◆	●	●	■	◆	◆	◆	◆
Dronedarone	●	■	■	●	●	●	●	●	●	●	◆
Flecainide	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Lidocaine (Lignocaine)	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Mexiletine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Propafenone	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Quinidine	■	■	■	■	●	●	■	◆	■	■	
Vernakalant	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Antibacterials											
Amikacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amoxicillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ampicillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Azithromycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Aztreonam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Benzylpenicillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Capreomycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefaclor	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefadroxil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefalexin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefazolin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefixime	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefotaxime	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefradine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ceftaroline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ceftazidine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ceftriazone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cefuroxime	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chloramphenicol	▲	◆	◆	◆	■	■	■	◆	◆	◆	◆
Ciprofloxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Clarithromycin	■	◆	▲	◆	●	●	●	◆	◆	▲	
Clavulanic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clindamycin	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Cloxacillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

	DCV	EBR/ GZR	GLP/ PIB	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Antibacterials (continued)											
Dapsone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Ertapenem	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Erythromycin	■	◆	■	◆	■	■	●	◆	◆	■	
Ethambutol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Flucloxacillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gentamicin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Imipenem	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isoniazid	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Levofloxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Linezolid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Lymecycline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Meropenem	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Methenamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metronidazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Moxifloxacin	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Nitrofurantoin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norfloxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ofloxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Penicillin V	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Piperacillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pivmecillinam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pyrazinamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Rifabutin	●	●	●	●	■	■	●	●	●	●	
Rifampicin	●	●	●	●	●	●	●	●	●	●	
Rifapentine	●	●	●	●	■	■	●	●	●	●	
Rifaximin	◆	■	■	◆	■	■	◆	◆	◆	■	
Spectinomycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Streptomycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Sulfadiazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Tazobactam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Telithromycin	■	■	■	■	●	●	●	◆	◆	■	
Temocillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tetracyclines	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Ticarcillin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trimethoprim/Sulfamethoxazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Troleandomycin	■	●	●	◆	■	■	●	◆	■	●	◆
Vancomycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Anticoagulant, Antiplatelet & Fibrinolytic											
Acenocoumarol	◆	◆	■	◆	■	■	◆	◆	◆	◆	◆
Anagrelide	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Apixaban	■	■	■	■	●	●	■	◆	■	■	◆
Clopidogrel	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Dabigatran	■	■	●	■	■	■	■	◆	■	●	◆
Dalteparin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Danaparoid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dipyridamole	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Edoxaban	■	■	■	■	■	■	■	◆	■	●	◆
Eltrombopag	■	●	●	◆	◆	◆	■	◆	▲	●	
Enoxaparin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluindione	◆	◆	■	◆	■	■	◆	◆	◆	■	◆
Fondaparinux	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Heparin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Phenprocoumon	◆	■	■	■	■	■	■	◆	◆	■	◆
Prasugrel	◆	◆	◆	◆	■	■	▲	◆	◆	◆	◆
Rivaroxaban	■	■	■	■	●	●	■	◆	■	■	◆
Streptokinase	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ticagrelor	◆	■	■	■	●	●	■	◆	■	■	◆
Ticlodipine	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Tinazaparin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Warfarin	◆	◆	■	◆	■	■	◆	◆	◆	■	■
Anticonvulsants											
Carbamazepine	●	●	●	●	●	●	●	●	●	●	
Clonazepam	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Eslicarbazepine	●	●	●	●	●	●	●	◆	●	●	◆
Ethosuximide	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Gabapentin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Lacosamide	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Lamotrigine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Levetiracetam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Oxcarbazepine	●	●	●	●	●	●	●	●	●	●	◆
Perampanel	▲	◆	◆	◆	■	■	■	◆	◆	◆	◆
Phenobarbital	●	●	●	●	●	●	●	●	●	●	
Phenytoin	●	●	●	●	●	●	●	●	●	●	
Pregabalin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Primidone	●	●	●	●	●	●	●	●	●	●	◆
Retigabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rufinamide	●	■	■	●	■	■	●	●	●	●	◆
Sultiame	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Tiagabine	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Topiramate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valproate (Divalproex)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Vigabatrin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zonisamide	■	◆	◆	■	◆	◆	■	◆	◆	◆	◆

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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

- Further information is available at www.hep-druginteractions.org
- Predicted interactions are based on known metabolic pathways. Interaction studies performed with boceprevir and telaprevir have shown some inconsistencies which suggest unknown mechanisms may contribute to drug-drug interactions and therefore predictions may not always reflect the clinical situation.
- 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

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. Cells have been left blank for the unassessed interactions with RBV.

	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	◆	◆	◆	◆	△	△	△	◆	◆	◆	◆
Doxepin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Duloxetine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Escitalopram	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Fluoxetine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Fluvoxamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Imipramine	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Lithium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Maprotiline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
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	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Itraconazole	■	◆	◆	◆	●	●	●	◆	◆	◆	
Ketoconazole	■	■	■	◆	●	●	●	◆	◆	◆	
Miconazole	△	◆	◆	△	◆	◆	△	◆	◆	◆	◆
Nystatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Posaconazole	■	◆	■	◆	●	●	●	◆	◆	◆	
Terbinafine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Voriconazole	■	◆	◆	◆	●	●	●	◆	◆	◆	

	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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Fexofenadine	■	◆	△	◆	■	■	■	◆	◆	△	◆
Hydroxyzine	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	
Levocetirizine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Loratadine	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Promethazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Terfenadine	◆	◆	■	◆	●	●	●	◆	◆	◆	◆
Antimigraine Agents											
Almotriptan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dihydoergotamine	◆	■	■	■	●	●	●	◆	◆	◆	
Eletriptan	◆	◆	◆	◆	●	●	■	◆	◆	◆	◆
Ergotamine	◆	■	■	■	●	●	●	◆	◆	◆	
Frovatriptan	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Methylergonovine	◆	■	■	■	●	●	●	◆	◆	◆	
Naratriptan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pizotifen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rizatriptan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Sumatriptan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zolmiptriptan	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Antiprotozoals											
Amodiaquine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Artemether	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Artemisinin	■	■	◆	◆	■	■	■	◆	■	■	◆
Artesunate	■	■	◆	◆	■	■	■	◆	■	■	◆
Atovaquone	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Chloroquine	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	◆
Dihydroartemisinin	■	■	◆	◆	■	■	■	◆	■	■	◆
Doxycycline	◆	◆	◆	◆	◆	◆	△	◆	◆	◆	◆
Halofantrine	◆	◆	◆	◆	●	●	■	◆	◆	◆	
Hydroxychloroquine	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	◆
Lumefantrine	◆	◆	◆	◆	●	●	■	◆	◆	◆	
Mefloquine	■	◆	■	■	■	■	■	◆	◆	■	◆
Pentamidine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Primaquine	△	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Proguanil	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Pyrimethamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Quinine	■	△	■	■	■	■	■	◆	◆	■	◆
Sodium stibogluconate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sulfadoxine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Antipsychotics/Neuroleptics											
Amisulpride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Aripiprazole	◆	■	■	◆	■	■	■	◆	◆	◆	
Chlorpromazine	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Clozapine	◆	◆	■	◆	■	■	■	◆	◆	◆	
Flupentixol	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Fluphenazine	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Haloperidol	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Iloperidone	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Levomepromazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Olanzapine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Paliperidone	■	◆	■	■	■	◆	■	◆	◆	■	◆
Perazine	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Periciazine	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Perphenazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pimozide	◆	●	●	●	●	●	●	◆	◆	◆	◆
Pipotiazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prochlorperazine	◆	◆	◆	◆	△	△	◆	◆	◆	◆	
Quetiapine	◆	■	■	◆	●	●	■	◆	◆	◆	
Risperidone	◆	◆	◆	◆	■	■	△	◆	◆	◆	
Sulpride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Thioridazine	◆	◆	■	◆	△	△	△	◆	◆	◆	◆
Tiapride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trifluoperazine	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Ziprasidone	◆	◆	◆	◆	■	■	●	◆	◆	◆	◆
Zuclopentixol	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆

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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

- Further information is available at www.hep-druginteractions.org
- Predicted interactions are based on known metabolic pathways. Interaction studies performed with boceprevir and telaprevir have shown some inconsistencies which suggest unknown mechanisms may contribute to drug-drug interactions and therefore predictions may not always reflect the clinical situation.
- 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

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. Cells have been left blank for the unassessed interactions with RBV.

	DCV	EBR/ GZR	GLP/ PIB	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	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Bromazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bromperidol	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Buspirone	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Clobazam	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Clorazepate	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Diazepam	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Estazolam	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Flurazepam	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Lorazepam	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Lormetazepam	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Midazolam (oral)	◆	■	◆	■	●	●	■	◆	◆	◆	
Midazolam (parenteral)	◆	■	◆	■	■	■	◆	◆	◆	◆	
Oxazepam	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Quazepam	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Temazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Triazolam	◆	◆	◆	◆	●	●	■	◆	◆	◆	
Zaleplon	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Zolpidem	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	
Zopiclone	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Beta Blockers											
Atenolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Bisoprolol	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Carvediol	■	◆	■	■	■	■	■	◆	■	■	■
Celiprolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Labetalol	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Metoprolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Nebivolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Oxprenolol	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Pindolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Propanolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Sotalol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Timolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bisphosphonates											
Alendronic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ibandronic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pamidronate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Risedronate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bronchodilators											
Formoterol	◆	◆	◆	◆	△	△	◆	◆	◆	◆	
Ipatropium bromide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Montelukast	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Omalizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Salbutamol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Salmeterol	◆	◆	◆	◆	●	●	■	◆	◆	◆	
Theophylline	◆	◆	■	◆	■	■	■	◆	◆	◆	
Tiotropium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Calcium Channel Blockers											
Amlodipine	■	◆	◆	■	■	■	■	◆	◆	◆	
Diltiazem	■	◆	■	■	■	■	■	◆	■	■	
Felodipine	■	■	◆	■	■	■	■	◆	◆	◆	
Nicardipine	■	◆	◆	◆	■	■	■	◆	◆	◆	
Nifedipine	■	◆	◆	◆	■	■	■	◆	◆	◆	
Nisoldipine	■	◆	◆	◆	■	■	■	◆	◆	◆	
Nitrendipine	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Verapamil	■	◆	■	◆	■	■	■	◆	◆	■	
Contraceptives and Hormonal Replacements											
Desogestrel	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Dienogest	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Drospirenone	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	
Estradiol	◆	◆	△	◆	■	■	◆	◆	△	△	◆
Ethinylestradiol	◆	◆	●	◆	●	●	◆	◆	◆	●	
Norethisterone (norethindrone)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	

	DCV	EBR/ GZR	GLP/ PIB	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Cytotoxics											
Anastrozole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bortezomib	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Capecitabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Carboplatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlorambucil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cisplatin	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Dasatinib	■	◆	◆	◆	■	■	■	◆	◆	◆	◆
Doxorubicin	◆	◆	■	◆	◆	◆	◆	◆	◆	◆	◆
Erlotinib	■	■	■	■	●	●	■	◆	■	■	◆
Estramustine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etoposide	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Everolimus	■	■	■	■	■	■	■	◆	■	■	◆
Exemestane	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fludarabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gefitinib	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Gemcitabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Idarubicin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Imatinib	◆	■	■	◆	■	■	■	◆	■	●	
Ipilimumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Irinotecan	■	■	■	■	■	■	■	◆	■	●	◆
Lapatanib	■	■	■	■	■	■	■	◆	■	●	◆
Letrozole	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Mercaptopurine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	●
Methotrexate	■	■	■	◆	◆	◆	◆	◆	■	●	■
Nilotinib	■	■	■	◆	■	■	■	◆	■	●	◆
Oxaliplatin	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Rituximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sorafenib	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Sunitinib	◆	◆	■	◆	■	■	■	◆	◆	◆	◆
Tamoxifen	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Vinblastine	◆	■	●	◆	■	■	■	◆	■	●	◆
Vincristine	◆	■	●	◆	■	■	■	◆	■	●	◆
Vinorelbine	■	■	■	■	■	■	■	◆	■	■	◆
Erectile Dysfunction Agents											
Sildenafil	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Tadalafil	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Vardenafil	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Gastrointestinal Agents											
Aluminium hydroxide	◆	◆	◆	■	◆	◆	◆	△	■	■	◆
Alverine citrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Antacids	◆	◆	◆	■	◆	◆	◆	△	■	■	◆
Aprepitant	△	◆	◆	◆	■	■	■	◆	◆	◆	◆
Bisacodyl	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cimetidine	△	◆	■	■	◆	◆	◆	◆	■	■	
Cisapride	◆	■	■	■	●	●	●	◆	◆	◆	
Dantron	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Domperidone	◆	◆	■	◆	●	●	■	◆	◆	◆	
Droperidol	◆	◆	■	◆	■	■	■	◆	◆	◆	◆
Esomeprazole	◆	◆	■	■	△	△	◆	◆	■	■	
Famotidine	◆	◆	■	■	◆	◆	◆	◆	■	■	◆
Ispaghula husk	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lactulose	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lansoprazole	◆	◆	■	■	△	△	◆	◆	■	■	
Linaclotide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Loperamide	■	△	△	■	■	◆	■	◆	◆	△	
Lubiprostone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Macrogol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mebeverine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mesalazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylcellulose	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metoclopramide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Naloxegol	◆	◆	◆	◆	●	●	◆	◆	◆	◆	◆
Omeprazole	◆	◆	■	■	△	△	◆	◆	■	■	
Ondansetron	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Pantoprazole	◆	◆	■	■	△	△	◆	◆	■	■	
Prucalopride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rabeprazole	◆	◆	■	■	△	△	◆	◆	■	■	◆
Ranitidine	◆	◆	■	■	◆	◆	◆	◆	■	■	
Senna	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Simeticone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trimebutine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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Notes

- Further information is available at www.hep-druginteractions.org
- Predicted interactions are based on known metabolic pathways. Interaction studies performed with boceprevir and telaprevir have shown some inconsistencies which suggest unknown mechanisms may contribute to drug-drug interactions and therefore predictions may not always reflect the clinical situation.
- 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

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. Cells have been left blank for the unassessed interactions with RBV.

	DCV	EBR/ GZR	GLP/ PIB	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Hepatitis Drugs											
Adefovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Boceprevir	■	●	●	●	●	●	●	■	●	●	◆
Daclatasvir		●	●	◆	●	●	◆	◆	●	●	◆
Elbasvir/Grazoprevir	●		●	●	●	●	●	◆	●	●	◆
Glecaprevir/Pibrentasvir	●	●		●	●	●	●	◆	●	●	■
Entecavir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Lamivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Ledipasvir/Sofosbuvir	◆	●	●		●	●	●	●	●	●	◆
OBV/PTV/r	●	●	●	●		n/a	●	●	●	●	◆
OBV/PTV/r + DSV	●	●	●	●	n/a		●	◆	●	●	◆
Peg Interferon alfa	◆	■	●	◆	△	△	◆	◆	■	■	◆
Ribavirin	◆	◆	◆	◆	◆	◆	◆	◆	◆	●	
Simeprevir	◆	●	●	●	●	●		◆	△	●	◆
Sofosbuvir	◆	◆	◆	●	●	◆	◆		●	●	◆
SOF/Velpatasvir	●	●	●	●	●	●	△	●		●	◆
SOF/Velpatasvir/Voxilaprevir	●	●	●	●	●	●	●	●	●		●
Telaprevir	■	●	●	●	●	●	●	■	●	●	◆
Telbivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Tenofovir-DF	◆	◆	◆	■	◆	◆	◆	◆	■	■	■
Herbals/Supplements/Vitamins											
Aloe vera	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ascorbic acid (Vitamin C)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Echinacea	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Folic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Garlic	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ginkgo biloba	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ginseng	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Grapefruit juice	■	◆	◆	◆	■	■	■	◆	◆	◆	
Iron supplements	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Milk thistle	◆	◆	◆	◆	◆	◆	●	◆	◆	◆	◆
Retinol (Vitamin A)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Riboflavin (Vitamin B2)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Serenoa repens	■	◆	◆	◆	■	■	■	◆	◆	◆	◆
St John's wort	●	●	●	●	●	●	●	●	●	●	
Thiamine (Vitamin B1)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valerian	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vitamin E	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
HIV Drugs											
Entry/Integrase Inhibitors											
Dolutegravir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Elvitegravir/cobi /FTC/TAF	■	●	◆	◆	●	●	●	◆	◆	◆	◆
Elvitegravir/cobi/FTC/TDF	■	●	◆	■	●	●	●	◆	■	■	◆
Maraviroc	◆	◆	◆	■	■	■	◆	◆	◆	◆	◆
Raltegravir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
NNRTIs											
Delavirdine	■	◆	◆	◆	■	■	●	◆	◆	◆	◆
Efavirenz	■	●	●	■	●	●	●	◆	●	●	◆
Etravirine	■	●	●	◆	●	●	●	◆	●	●	◆
Nevirapine	■	●	●	◆	●	●	●	◆	●	●	◆
Rilpivirine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
NRTIs											
Abacavir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Didanosine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	●
Emtricitabine (FTC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
FTC + Tenofovir alafenamide	◆	◆	◆	◆	■	■	◆	◆	■	■	◆
Lamivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Stavudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Tenofovir-DF (TDF)	◆	◆	◆	■	◆	◆	◆	◆	■	■	■
Zidovudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	●
Protease Inhibitors											
Atazanavir	■	●	●	◆	■	■	●	◆	◆	●	■
Cobicistat (with ATV or DRV)	■	●	■	■	●	●	●	◆	◆	■	◆
Darunavir	◆	●	●	◆	■	■	●	◆	◆	△	◆
Fosamprenavir	■	●	●	◆	■	■	●	◆	◆	●	◆
Indinavir	■	●	●	◆	●	●	●	◆	◆	●	◆
Lopinavir	◆	●	●	■	●	●	●	◆	◆	●	◆
Nelfinavir	◆	●	●	◆	■	■	●	●	◆	●	◆
Ritonavir	■	●	●	◆	●	●	●	◆	◆	■	◆
Saquinavir	■	●	●	◆	●	●	●	◆	◆	●	◆
Tipranavir	■	●	●	●	●	●	●	●	●	●	◆

	DCV	EBR/ GZR	GLP/ PIB	LED/ SOF	OBV/ PTV/r	OBV/ PTV/r +DSV	SMV	SOF	SOF/ VEL	SOF/ VEL/ VOX	RBV
Hypertension/Heart Failure Agents											
Acebutolol	◆	◆	◆	◆	■	◆	◆	◆	◆	◆	◆
Aliskiren	■	◆	●	■	●	●	■	◆	◆	■	◆
Ambrisentan	◆	■	■	◆	■	■	■	◆	◆	■	◆
Amiloride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Azilsartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Benazepril	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Bendroflumethiazide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bosentan	■	●	●	◆	●	●	■	◆	●	●	
Bumetanide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Candesartan	◆	△	△	◆	◆	◆	◆	◆	◆	△	◆
Captopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlorothiazide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlortalidone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cilazapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clevidipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clonidine	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Doxazosin	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Enalapril	◆	◆	■	◆	■	■	◆	◆	◆	■	◆
Eplerenone	◆	■	■	■	●	●	■	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sildenafil	◆	◆	◆	◆	●	●	■	◆	◆	◆	
Spironolactone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Tadalafil	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Telmisartan	◆	◆	■	◆	■	■	◆	◆	◆	■	◆
Torasemide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trandolapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valsartan	◆	◆	◆	◆	■	■	◆	◆	◆	■	◆
Xipamide	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Zofenopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Illicit/Recreational											
Amphetamine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Cannabis	◆	◆	◆	◆	△	△	◆	◆	◆	◆	◆
Cocaine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Gamma-hydroxybutyrate	◆	◆	■	◆	■	■	■	◆	◆	◆	◆
Lysergic acid diethylamide (LSD)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
MDMA (Ecstasy)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Mephedrone	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Methamphetamine	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Phencyclidine	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Immunosuppressants											
Azathioprine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Basiliximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ciclosporin	◆	●	◆	◆	■	■	●	◆	◆	●	
Eculizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Etanercept	△	△	△	△	△	△	△	△	△	△	△
Fingolimod	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mycophenolate	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Pirfenidone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sirolimus	◆	■	■	◆	■	■	■	◆	◆	■	
Tacrolimus	◆	■	■	◆	■	■	■	◆	◆	■	

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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
Lipid Lowering Agents											
Atorvastatin	■	■	●	■	●	●	■	◆	■	●	
Bezafibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ezetimibe	◆	◆	■	◆	■	■	◆	◆	◆	■	◆
Fenofibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluvastatin	■	■	■	■	■	■	◆	◆	■	●	◆
Gemfibrozil	◆	■	■	◆	◆	●	■	◆	◆	◆	◆
Lovastatin	■	■	●	■	●	●	■	◆	■	●	
Pitavastatin	■	◆	■	■	■	■	■	◆	■	●	◆
Pravastatin	■	◆	■	■	■	■	■	◆	◆	■	
Rosuvastatin	■	■	■	●	■	■	■	◆	■	●	
Simvastatin	■	■	●	■	●	●	■	◆	■	●	
Oxytocics											
Ergometrine (ergonovine)	◆	■	■	■	●	●	●	◆	◆	◆	
Mifepristone	▲	◆	◆	◆	■	■	■	◆	◆	◆	◆
Misoprostol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Parkinsonism Agents											
Benztropine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carbidopa	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Orphenadrine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pramipexole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rasagline	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Ropinirole	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Steroids											
Beclometasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Betamethasone	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Budesonide	◆	◆	◆	◆	●	●	■	◆	◆	◆	
Ciclesonide	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Clobetasol (topical)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Clobetasone (topical)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dexamethasone	●	■	■	◆	■	■	●	◆	◆	■	
Fludrocortisone	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Flunisolide	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Fluticasone	◆	◆	◆	◆	●	●	◆	◆	◆	◆	
Hydrocortisone (topical)	◆	◆	◆	◆	■	■	◆	◆	◆	◆	
Methylprednisolone	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Mometasone	◆	◆	◆	◆	●	●	◆	◆	◆	◆	◆
Prednicarbate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prednisone	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Triamcinolone	◆	◆	◆	◆	●	●	■	◆	◆	◆	◆

	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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Alfuzosin	◆	◆	◆	◆	●	●	■	◆	◆	◆	
Allopurinol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Atomoxetine	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Atropine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Baclofen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bromocriptine	◆	◆	◆	◆	■	■	▲	◆	◆	◆	◆
Calcitonin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Calcium resonium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carbimazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carisoprodol	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Cilostazol	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Clomifene	◆	◆	◆	◆	▲	▲	▲	◆	◆	◆	◆
Colchicine	■	■	■	■	■	■	■	◆	■	■	
Colestyramine	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Conivaptan	●	◆	◆	◆	●	●	●	◆	◆	◆	◆
Cyclobenzaprine	◆	◆	◆	◆	▲	▲	■	◆	◆	◆	◆
Cytisine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Darbepoetin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desmopressin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dextromethorphan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Disulfiram	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dorzolamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dutasteride	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Epoetin alfa	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Filgrastim	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Finasteride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flibanserin	◆	■	■	◆	●	●	■	◆	◆	◆	◆
Gadopentetate (gadolinium)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Goserelin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Hyoscine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isotretinoin	◆	◆	◆	◆	■	■	◆	◆	◆	◆	◆
Lanreotide	▲	◆	◆	◆	▲	▲	▲	◆	◆	◆	◆
Levothyroxine	▲	◆	◆	◆	■	■	◆	◆	◆	◆	■
Melatonin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylphenidate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Minoxidil	◆	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Modafinil	■	●	■	■	■	■	■	■	●	●	◆
Naftidrofuryl	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naloxone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naltrexone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Neostigmine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nicorandil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Orlistat	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Penicillamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pentoxifylline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Phenylephrine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pilocarpine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Piracetam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Potassium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Protamine sulphate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sevelamer	▲	◆	◆	▲	▲	▲	▲	▲	▲	▲	▲
Strontium ranelate	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Sulfasalazine	◆	◆	■	◆	■	■	◆	◆	■	●	◆
Tamsulosin	◆	◆	◆	◆	■	■	■	◆	◆	◆	
Thalidomide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Tolterodine	◆	◆	◆	◆	■	■	■	◆	◆	◆	◆
Tranexamic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ursodeoxycholic acid	▲	▲	▲	▲	◆	◆	▲	▲	▲	▲	◆
Varenicline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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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

- Further information is available at www.hep-druginteractions.org
- Predicted interactions are based on known metabolic pathways. Interaction studies performed with boceprevir and telaprevir have shown some inconsistencies which suggest unknown mechanisms may contribute to drug-drug interactions and therefore predictions may not always reflect the clinical situation.
- 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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