

Interactions with NNRTIs

Charts revised February 2018. Full information available at www.hiv-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.

	EFV	ETV	NVP	RPV	RPV + F/TAF
Anaesthetics & Muscle Relaxants					
Alcuronium	◆	◆	◆	◆	▲
Bupivacaine	■	■	■	◆	◆
Cisatracurium	◆	◆	◆	◆	◆
Desflurane	◆	◆	◆	◆	◆
Dexmedetomidine	▲	◆	◆	◆	◆
Enflurane	◆	◆	◆	◆	◆
Ephedrine	◆	◆	◆	◆	◆
Halothane	◆	◆	◆	◆	◆
Isoflurane	◆	◆	◆	◆	◆
Ketamine	■	■	■	◆	◆
Nitrous oxide	◆	◆	◆	◆	◆
Propofol	■	◆	■	▲	▲
Rocuronium	■	◆	◆	◆	◆
Sevoflurane	◆	◆	◆	▲	▲
Sufentanil	■	■	■	◆	◆
Suxamethonium (succinylcholine)	◆	◆	◆	◆	◆
Tetracaine	◆	◆	◆	◆	◆
Thiopental	◆	◆	◆	◆	◆
Tizanidine	◆	◆	◆	▲	▲
Vecuronium	◆	◆	◆	◆	◆
Analgesics					
Alfentanil	■	■	■	◆	◆
Aspirin	◆	◆	◆	◆	◆
Buprenorphine	■	▲	◆	◆	◆
Celecoxib	■	■	◆	◆	◆
Codeine	▲	▲	▲	◆	◆
Dextropropoxyphene	■	◆	◆	◆	◆
Diamorphine (diacetylmorphine)	■	◆	◆	◆	◆
Diclofenac	■	■	◆	◆	◆
Dihydrocodeine	▲	▲	▲	◆	◆
Fentanyl	■	■	■	◆	◆
Hydrocodone	■	■	■	◆	◆
Hydromorphone	■	◆	◆	◆	◆
Ibuprofen	■	■	◆	◆	◆
Mefenamic acid	■	■	◆	◆	◆
Methadone	■	▲	▲	▲	▲
Morphine	■	▲	◆	◆	◆
Naproxen	■	■	◆	◆	◆
Nimesulide	■	■	◆	◆	◆
Oxycodone	■	■	■	◆	◆
Paracetamol (Acetaminophen)	◆	◆	◆	◆	◆
Pethidine (Meperidine)	■	■	■	◆	◆
Piroxicam	■	■	◆	◆	◆
Tramadol	▲	◆	▲	◆	◆
Anthelmintics					
Albendazole	▲	▲	▲	◆	◆
Diethylcarbamazine	◆	◆	◆	◆	◆
Ivermectin	▲	▲	▲	◆	◆
Levamisole (Ergamisol)	◆	◆	◆	◆	◆
Mebendazole	▲	▲	▲	◆	◆
Niclosamide	◆	◆	◆	◆	◆
Oxamniquine	◆	◆	◆	◆	◆
Praziquantel	■	■	■	◆	◆
Pyrantel	◆	◆	◆	◆	◆
Suramin sodium	◆	◆	◆	◆	◆
Triclabendazole	▲	▲	▲	▲	▲
Antiarrhythmics					
Amiodarone	■	■	■	■	■
Bepidil	●	■	■	■	■
Disopyramide	■	■	■	▲	▲
Dofetilide	■	■	■	■	■
Flecainide	◆	■	◆	▲	▲
Lidocaine (Lignocaine)	▲	■	◆	◆	◆
Mexiletine	◆	■	◆	◆	◆
Propafenone	■	■	■	◆	◆
Quinidine	■	■	■	■	■
Antibacterials					
Amikacin	◆	◆	◆	◆	◆
Amoxicillin	◆	◆	◆	◆	◆
Ampicillin	◆	◆	◆	◆	▲
Azithromycin	◆	◆	◆	▲	▲
Bedaquiline	■	■	◆	■	■
Capreomycin	◆	◆	◆	◆	▲
Cefalexin	◆	◆	◆	◆	◆
Cefazolin	◆	◆	◆	◆	◆
Cefixime	◆	◆	◆	◆	◆
Cefotaxime	◆	◆	◆	◆	◆
Ceftazidime	◆	◆	◆	◆	◆
Ceftriaxone	◆	◆	◆	◆	◆
Chloramphenicol	▲	▲	▲	▲	▲
Ciprofloxacin	◆	◆	◆	▲	▲
Clarithromycin	■	■	■	■	■
Clavulanic acid	◆	◆	◆	◆	◆
Clindamycin	■	■	■	◆	◆
Clofazimine	◆	◆	◆	▲	▲
Cloxacillin	◆	◆	◆	◆	◆
Cycloserine	◆	◆	◆	◆	◆
Dapsone	◆	◆	◆	◆	◆
Doxycycline	■	■	■	◆	◆

Key to abbreviations

EFV	Efavirenz (Sustiva® Stocrin®)
ETV	Etravirine (Intellecse®)
NVP	Nevirapine (Viramune®)
RPV	Rilpivirine (Edurant®)
RPV + F/TAF	Rilpivirine/Emtricitabine/Tenofovir alafenamide (Odefsey®)

Key to symbols

●	These drugs should not be coadministered
■	Potential interaction – may require close 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
+	There are no clear data, actual or theoretical, to indicate whether an interaction will occur

	EFV	ETV	NVP	RPV	RPV + F/TAF
Antibacterials (continued)					
Ertapenem	◆	◆	◆	◆	◆
Erythromycin	■	▲	■	■	■
Ethambutol	◆	◆	◆	◆	◆
Ethionamide	◆	◆	◆	◆	◆
Flucloxacillin	◆	◆	◆	▲	▲
Gentamicin	◆	◆	◆	◆	◆
Imipenem/Cilastatin	◆	◆	◆	◆	◆
Isoniazid	◆	◆	◆	◆	◆
Kanamycin	◆	◆	◆	◆	◆
Levofloxacin	◆	◆	◆	◆	◆
Linezolid	◆	◆	◆	◆	◆
Meropenem	◆	◆	◆	◆	◆
Metronidazole	◆	◆	◆	▲	▲
Moxifloxacin	■	■	◆	▲	▲
Nitrofurantoin	◆	◆	◆	◆	▲
Ofloxacin	◆	◆	◆	▲	▲
Para-aminosalicylic acid	◆	◆	◆	◆	▲
Penicillins	◆	◆	◆	◆	◆
Pyrazinamide	◆	◆	◆	◆	◆
Rifabutin	■	■	■	■	■
Rifampicin	■	■	■	■	■
Rifapentine	■	■	■	■	■
Rifaximin	◆	◆	◆	◆	◆
Spectinomycin	◆	◆	◆	◆	◆
Streptomycin	◆	◆	◆	◆	◆
Sulfadiazine	▲	▲	◆	■	■
Telithromycin	■	■	■	■	■
Tetracyclines	◆	◆	◆	◆	◆
Trimethoprim/Sulfamethoxazole	◆	◆	◆	◆	■
Vancomycin	◆	◆	◆	◆	◆
Anti-coagulant, Anti-platelet and Fibrinolytic					
Acenocoumarol	■	■	■	◆	◆
Apixaban	■	■	■	◆	◆
Aspirin (anti-platelet)	■	■	■	◆	◆
Clopidogrel	■	■	■	◆	◆
Dabigatran	◆	■	◆	▲	▲
Dalteparin	◆	◆	◆	◆	◆
Dipyridamole	■	■	◆	◆	◆
Edoxaban	■	■	◆	◆	◆
Eltrombopag	■	■	◆	◆	◆
Enoxaparin	◆	◆	◆	◆	◆
Fondaparinux	◆	◆	◆	◆	◆
Heparin	◆	◆	◆	◆	◆
Phenprocoumon	■	■	■	◆	◆
Prasugrel	■	■	■	◆	◆
Rivaroxaban	■	■	■	◆	◆
Streptokinase	■	■	■	◆	◆
Ticagrelor	■	■	■	◆	◆
Warfarin	■	■	■	◆	◆
Anticonvulsants					
Carbamazepine	■	■	■	■	■
Clonazepam	■	■	■	◆	◆
Ethosuximide	■	■	■	◆	◆
Gabapentin	◆	◆	◆	◆	◆
Lacosamide	■	■	■	◆	◆
Lamotrigine	◆	◆	◆	◆	◆
Levetiracetam	◆	◆	◆	◆	◆
Oxcarbazepine	■	■	■	■	■
Phenobarbital (Phenobarbitone)	■	■	■	■	■
Phenytoin	■	■	■	■	■
Pregabalin	◆	◆	◆	◆	◆
Topiramate	◆	◆	◆	◆	◆
Valproate (Divalproex)	◆	◆	◆	◆	◆
Vigabatrin	◆	◆	◆	◆	◆
Zonisamide	■	■	■	◆	◆
Antidepressants					
Agomelatine	◆	◆	◆	◆	◆
Amitriptyline	◆	◆	◆	▲	▲
Bupropion	■	◆	■	◆	◆
Citalopram	▲	▲	▲	▲	▲
Clomipramine	▲	▲	▲	▲	▲
Desipramine	◆	◆	◆	▲	▲
Doxepin	◆	◆	◆	◆	◆
Duloxetine	◆	◆	◆	◆	◆
Escitalopram	▲	▲	▲	▲	▲
Fluoxetine	◆	◆	◆	◆	◆
Fluvoxamine	◆	◆	▲	◆	◆
Imipramine	■	■	■	▲	▲
Lithium	◆	◆	◆	▲	▲
Maprotiline	◆	◆	◆	◆	◆
Mianserin	▲	▲	▲	◆	◆
Milnacipran	◆	◆	◆	◆	◆
Mirtazapine	■	▲	■	◆	◆
Nefazodone	■	■	■	■	■
Nortriptyline	◆	◆	◆	▲	▲
Paroxetine	◆	◆	◆	◆	◆
Phenelzine	◆	◆	◆	◆	◆
Reboxetine	■	■	■	◆	◆
Sertraline	▲	▲	▲	◆	◆
Tranylcypromine	■	■	■	◆	◆
Trazodone	■	■	■	▲	▲
Trimipramine	◆	◆	◆	◆	◆
Venlafaxine	▲	▲	▲	◆	◆

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Where advice differs between countries, and/or between boosted and unboosted regimens, the charts reflect the more cautious option.

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	EFV	ETV	NVP	RPV	RPV + F/TAF
Anti-diabetics					
Acarbose	◆	◆	◆	◆	◆
Empagliflozin	◆	◆	◆	◆	◆
Exanatide	◆	◆	◆	◆	◆
Glibenclamide (Glyburide)	◆	◆	◆	◆	◆
Glizalide	◆	◆	◆	◆	◆
Glimepiride	◆	◆	◆	◆	◆
Glipizide	◆	◆	◆	◆	◆
Insulin	◆	◆	◆	◆	◆
Linagliptin	◆	◆	◆	◆	◆
Liraglutide	◆	◆	◆	◆	◆
Metformin	◆	◆	◆	◆	◆
Nateglinide	◆	◆	◆	◆	◆
Pioglitazone	◆	◆	◆	◆	◆
Repaglinide	◆	◆	◆	◆	◆
Rosiglitazone	◆	◆	◆	◆	◆
Saxagliptin	◆	◆	◆	◆	◆
Sitagliptin	◆	◆	◆	◆	◆
Tolbutamide	◆	◆	◆	◆	◆
Vildagliptin	◆	◆	◆	◆	◆
Antifungals					
Amphotericin B	◆	◆	◆	◆	◆
Anidulafungin	◆	◆	◆	◆	◆
Caspofungin	◆	◆	◆	◆	◆
Fluconazole	◆	◆	◆	◆	◆
Flucytosine	◆	◆	◆	◆	◆
Griseofulvin	◆	◆	◆	◆	◆
Itraconazole	◆	◆	◆	◆	◆
Ketoconazole	◆	◆	◆	◆	◆
Miconazole	◆	◆	◆	◆	◆
Nystatin	◆	◆	◆	◆	◆
Posaconazole	◆	◆	◆	◆	◆
Terbinafine	◆	◆	◆	◆	◆
Voriconazole	◆	◆	◆	◆	◆
Antihistamines					
Astemizole	◆	◆	◆	◆	◆
Cetirizine	◆	◆	◆	◆	◆
Chlorphenamine	◆	◆	◆	◆	◆
Diphenhydramine	◆	◆	◆	◆	◆
Fexofenadine	◆	◆	◆	◆	◆
Levocetirizine	◆	◆	◆	◆	◆
Loratadine	◆	◆	◆	◆	◆
Promethazine	◆	◆	◆	◆	◆
Terfenadine	◆	◆	◆	◆	◆
Antimigraine Agents					
Almotriptan	◆	◆	◆	◆	◆
Dihydroergotamine	◆	◆	◆	◆	◆
Ergotamine	◆	◆	◆	◆	◆
Rizatriptan	◆	◆	◆	◆	◆
Sumatriptan	◆	◆	◆	◆	◆
Antiprotozoals					
Amodiaquine	◆	◆	◆	◆	◆
Artemisinin	◆	◆	◆	◆	◆
Atovaquone	◆	◆	◆	◆	◆
Benznidazole	◆	◆	◆	◆	◆
Chloroquine	◆	◆	◆	◆	◆
Diloxanide	◆	◆	◆	◆	◆
Eflornithine	◆	◆	◆	◆	◆
Halofantrine	◆	◆	◆	◆	◆
Lumefantrine	◆	◆	◆	◆	◆
Mefloquine	◆	◆	◆	◆	◆
Meglumine antimoniate	◆	◆	◆	◆	◆
Melarsoprol	◆	◆	◆	◆	◆
Miltefosine	◆	◆	◆	◆	◆
Nifurtimox	◆	◆	◆	◆	◆
Paromomycin	◆	◆	◆	◆	◆
Pentamidine	◆	◆	◆	◆	◆
Primaquine	◆	◆	◆	◆	◆
Proguanil	◆	◆	◆	◆	◆
Pyrimethamine	◆	◆	◆	◆	◆
Quinine	◆	◆	◆	◆	◆
Sodium stibogluconate	◆	◆	◆	◆	◆
Sulfadoxine	◆	◆	◆	◆	◆

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	EFV	ETV	NVP	RPV	RPV + F/TAF
Antipsychotics/Neuroleptics					
Amisulpride	◆	◆	◆	◆	◆
Aripiprazole	◆	◆	◆	◆	◆
Asenapine	◆	◆	◆	◆	◆
Chlorpromazine	◆	◆	◆	◆	◆
Clozapine	◆	◆	◆	◆	◆
Fluphenazine	◆	◆	◆	◆	◆
Haloperidol	◆	◆	◆	◆	◆
Iloperidone	◆	◆	◆	◆	◆
Levomopromazine	◆	◆	◆	◆	◆
Olanzapine	◆	◆	◆	◆	◆
Paliperidone	◆	◆	◆	◆	◆
Perazine	◆	◆	◆	◆	◆
Pericazone	◆	◆	◆	◆	◆
Perphenazine	◆	◆	◆	◆	◆
Pimozide	◆	◆	◆	◆	◆
Pipotiazine	◆	◆	◆	◆	◆
Quetiapine	◆	◆	◆	◆	◆
Risperidone	◆	◆	◆	◆	◆
Sulpiride	◆	◆	◆	◆	◆
Thioridazine	◆	◆	◆	◆	◆
Tiapride	◆	◆	◆	◆	◆
Ziprasidone	◆	◆	◆	◆	◆
Zotepine	◆	◆	◆	◆	◆
Zuclopentixol	◆	◆	◆	◆	◆
Antivirals					
Aciclovir	◆	◆	◆	◆	◆
Adefovir	◆	◆	◆	◆	◆
Amantadine	◆	◆	◆	◆	◆
Boceprevir	◆	◆	◆	◆	◆
Cidofovir	◆	◆	◆	◆	◆
Daclatasvir	◆	◆	◆	◆	◆
Elbasvir/Grazoprevir	◆	◆	◆	◆	◆
Entecavir	◆	◆	◆	◆	◆
Famciclovir	◆	◆	◆	◆	◆
Foscarnet	◆	◆	◆	◆	◆
Ganciclovir	◆	◆	◆	◆	◆
Glecaprevir/Pibrentasvir	◆	◆	◆	◆	◆
Ledipasvir/sofosbuvir	◆	◆	◆	◆	◆
Ombitasvir/Paritaprevir/r	◆	◆	◆	◆	◆
Ombitasvir/Paritaprevir/r + Dasabuvir	◆	◆	◆	◆	◆
Oseltamivir	◆	◆	◆	◆	◆
Ribavirin	◆	◆	◆	◆	◆
Rimantadine	◆	◆	◆	◆	◆
Simeprevir	◆	◆	◆	◆	◆
Sofosbuvir	◆	◆	◆	◆	◆
Sofosbuvir/Velpatasvir	◆	◆	◆	◆	◆
Sofosbuvir/Velpatasvir/Voxilaprevir	◆	◆	◆	◆	◆
Telaprevir	◆	◆	◆	◆	◆
Telbivudine	◆	◆	◆	◆	◆
Valaciclovir	◆	◆	◆	◆	◆
Zanamivir	◆	◆	◆	◆	◆
Anxiolytics/Hypnotics/ Sedatives					
Alprazolam	◆	◆	◆	◆	◆
Bromazepam	◆	◆	◆	◆	◆
Buspiron	◆	◆	◆	◆	◆
Chlordiazepoxide	◆	◆	◆	◆	◆
Clorazepate	◆	◆	◆	◆	◆
Diazepam	◆	◆	◆	◆	◆
Estazolam	◆	◆	◆	◆	◆
Flunitrazepam	◆	◆	◆	◆	◆
Flurazepam	◆	◆	◆	◆	◆
Hydroxyzine	◆	◆	◆	◆	◆
Lorazepam	◆	◆	◆	◆	◆
Lormetazepam	◆	◆	◆	◆	◆
Midazolam (oral)	◆	◆	◆	◆	◆
Midazolam (parenteral)	◆	◆	◆	◆	◆
Oxazepam	◆	◆	◆	◆	◆
Temazepam	◆	◆	◆	◆	◆
Triazolam	◆	◆	◆	◆	◆
Zaleplon	◆	◆	◆	◆	◆
Zolpidem	◆	◆	◆	◆	◆
Zopiclone	◆	◆	◆	◆	◆
Beta Blockers					
Atenolol	◆	◆	◆	◆	◆
Bisoprolol	◆	◆	◆	◆	◆
Carvedilol	◆	◆	◆	◆	◆
Metoprolol	◆	◆	◆	◆	◆
Nebivolol	◆	◆	◆	◆	◆
Oxprenolol	◆	◆	◆	◆	◆
Pindolol	◆	◆	◆	◆	◆
Propranolol	◆	◆	◆	◆	◆
Timolol	◆	◆	◆	◆	◆

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Bronchodilators					
Acclidinium bromide	◆	◆	◆	◆	◆
Aminophylline	◆	◆	◆	◆	◆
Formoterol	◆	◆	◆	▲	▲
Glycopyrronium bromide	◆	◆	◆	◆	◆
Indacaterol	▲	▲	▲	◆	◆
Ipratropium bromide	◆	◆	◆	◆	◆
Montelukast	▲	▲	▲	◆	◆
Olodaterol	◆	◆	◆	◆	◆
Roflumilast	■	■	■	◆	◆
Salbutamol	◆	◆	◆	◆	◆
Salmeterol	■	■	■	▲	▲
Theophylline	◆	◆	◆	◆	◆
Tiotropium bromide	◆	◆	◆	◆	◆
Umeclidinium bromide	◆	◆	◆	◆	◆
Vilanterol	▲	▲	▲	◆	◆
Calcium Channel Blockers					
Amlodipine	■	■	■	◆	◆
Diltiazem	■	■	■	◆	◆
Felodipine	■	■	■	◆	◆
Nicardipine	■	■	■	◆	◆
Nifedipine	■	■	■	◆	◆
Nisoldipine	■	■	■	◆	◆
Nitrendipine	■	■	■	◆	◆
Verapamil	■	■	■	■	■
Contraceptives/HRT					
Desogestrel (COC)	●	▲	▲	◆	◆
Desogestrel (POP)	●	▲	▲	◆	◆
Drospirenone (COC)	●	▲	▲	◆	◆
Drospirenone (HRT)	■	■	■	◆	◆
Dydrogesterone (HRT)	■	■	■	◆	◆
Estradiol	■	■	■	◆	◆
Ethinylestradiol	■	■	■	◆	◆
Etonogestrel (implant)	●	▲	▲	◆	◆
Etonogestrel (vaginal ring)	●	▲	▲	◆	◆
Gestodene (COC)	●	▲	▲	◆	◆
Levonorgestrel (COC)	●	▲	▲	◆	◆
Levonorgestrel (emergency contraception)	■	■	■	◆	◆
Levonorgestrel (HRT)	■	■	■	◆	◆
Levonorgestrel (implant)	●	▲	▲	◆	◆
Levonorgestrel (IUD)	◆	◆	◆	◆	◆
Levonorgestrel (POP)	●	▲	▲	◆	◆
Medroxyprogesterone (depot injection)	◆	◆	◆	◆	◆
Medroxyprogesterone (oral)	■	■	■	◆	◆
Norelgestromin (patch)	●	▲	▲	◆	◆
Norethisterone [Norethindrone] (COC)	●	◆	▲	◆	◆
Norethisterone [Norethindrone] (HRT)	■	■	■	◆	◆
Norethisterone [Norethindrone] (IM depot)	■	◆	◆	◆	◆
Norethisterone [Norethindrone] (POP)	●	▲	▲	◆	◆
Norgestimate (COC)	●	▲	▲	◆	◆
Norgestrel (COC)	●	▲	▲	◆	◆
Norgestrel (HRT)	■	■	■	◆	◆
Ulipristal	■	■	■	◆	◆
Cytotoxics					
Anastrozole	■	■	■	◆	◆
Asparaginase	◆	◆	◆	◆	◆
Bexarotene	◆	■	■	■	■
Bleomycin	◆	◆	◆	◆	◆
Bortezomib	■	■	■	▲	▲
Capecitabine	◆	◆	◆	■	■
Carboplatin	◆	◆	◆	◆	◆
Chlorambucil	◆	◆	◆	◆	◆
Cisplatin	◆	◆	◆	◆	■
Cyclophosphamide	■	■	■	◆	◆
Cytarabine	◆	◆	◆	◆	◆
Dacarbazine	◆	◆	◆	◆	◆
Dactinomycin	◆	◆	◆	◆	◆
Dasatinib	◆	■	■	▲	▲
Daunorubicin	◆	◆	◆	▲	▲
Docetaxel	◆	■	■	■	■
Doxorubicin	◆	◆	◆	■	■
Droloxifene	■	■	■	◆	◆
Epirubicin	■	◆	◆	▲	▲
Erlotinib	■	■	■	◆	◆
Estramustine	◆	◆	◆	◆	◆
Etoposide	◆	■	■	◆	◆
Everolimus	■	■	■	◆	◆
Exemestane	■	■	■	◆	◆
Fludarabine	◆	◆	◆	◆	◆
Fluorouracil	◆	◆	◆	◆	■
Formestane	◆	◆	◆	◆	◆
Gefitinib	◆	■	■	◆	◆
Gemcitabine	◆	◆	◆	◆	◆
Ifosfamide	■	■	■	■	■
Imatinib	■	■	■	■	■
Irinotecan	■	■	■	◆	◆
Lapatinib	■	■	■	▲	▲
Letrozole	■	■	■	◆	◆

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	EFV	ETV	NVP	RPV	RPV + F/TAF
Cytotoxics (continued)					
Mercaptopurine	◆	◆	◆	◆	◆
Mesna	◆	◆	◆	◆	◆
Methotrexate	◆	◆	◆	◆	◆
Mitoxantrone	■	■	■	▲	▲
Nilotinib	■	■	■	▲	▲
Oxaliplatin	◆	◆	◆	◆	◆
Paclitaxel	■	■	■	■	■
Pazopanib	■	■	■	▲	▲
Procarbazine	■	◆	■	◆	◆
Rituximab	◆	◆	◆	◆	◆
Sorafenib	■	■	■	▲	▲
Sunitinib	■	■	■	▲	▲
Tamoxifen	■	■	■	■	■
Temsirolimus	■	■	■	▲	▲
Topotecan	■	■	■	■	■
Toremifene	■	■	■	▲	▲
Vinblastine	■	■	■	■	■
Vincristine	■	■	■	◆	◆
Vorinostat	◆	◆	◆	▲	▲
Erectile Dysfunctional Agents					
Sildenafil (Erectile Dysfunction)	■	■	■	◆	◆
Tadalafil (Erectile Dysfunction)	■	■	■	◆	◆
Vardenafil	■	■	■	◆	◆
Gastrointestinal Agents					
Alosetron	◆	◆	◆	◆	◆
Aluminium hydroxide	◆	◆	◆	■	■
Antacids	◆	◆	◆	■	■
Bisacodyl	◆	◆	◆	◆	◆
Cimetidine	◆	◆	◆	■	■
Cisapride	●	■	■	▲	▲
Esomeprazole	◆	◆	◆	●	●
Famotidine	◆	◆	◆	■	■
Lactulose	◆	◆	◆	◆	◆
Lansoprazole	◆	◆	◆	●	●
Loperamide	◆	◆	◆	◆	◆
Mesalazine	◆	◆	◆	◆	◆
Omeprazole	◆	◆	◆	●	●
Pantoprazole	◆	◆	◆	●	●
Prucalopride	◆	◆	◆	◆	◆
Rabeprazole	◆	◆	◆	●	●
Ranitidine	◆	◆	◆	■	■
Senna	◆	◆	◆	◆	◆
Gastrointestinal Agents (anti-emetics)					
Aprepitant	■	■	■	▲	▲
Dolasetron	◆	◆	◆	▲	▲
Domperidone	■	■	■	▲	▲
Dronabinol	■	■	■	◆	◆
Granisetron	■	■	■	▲	▲
Metoclopramide	◆	◆	◆	◆	◆
Ondansetron	◆	◆	◆	▲	▲
Prochlorperazine	◆	◆	◆	▲	▲
Herbals/Supplements/Vitamins					
African potato	◆	◆	◆	■	■
Aloe vera	◆	◆	◆	◆	◆
Ascorbic Acid (Vitamin C)	◆	◆	◆	◆	◆
Cat's claw (Uncaria tomentosa)	■	■	■	■	■
Colecalciferol (vitamin D3)	◆	◆	◆	◆	◆
Cubeb pepper (Piper cubeba)	◆	◆	◆	▲	▲
Cyanocobalamin	◆	◆	◆	◆	◆
Echinacea	◆	◆	◆	▲	▲
Eucalyptus globulus	◆	◆	◆	◆	◆
Folic acid	◆	◆	◆	◆	◆
Garlic	■	■	■	■	■
Ginger (Zingiber officinale)	◆	◆	◆	▲	▲
Ginkgo biloba	■	■	■	▲	▲
Goldenseal root (Hydrastis canadensis)	◆	◆	◆	◆	◆
Grapefruit juice	◆	◆	◆	▲	▲
Hops (Humulus lupulus)	■	■	■	■	■
Inula racemosa	◆	◆	◆	▲	▲
Iodine	◆	◆	◆	◆	◆
Iron supplements	◆	◆	◆	◆	◆
Liquorice (Glycyrrhiza glabra)	◆	◆	◆	▲	▲
Malabar nut tree	■	■	■	■	■
Menthhol	◆	◆	◆	▲	▲
Milk thistle	◆	◆	◆	◆	◆
Nicotinamide	◆	◆	◆	◆	◆
Phytomenadione (vitamin K)	◆	◆	◆	◆	◆
Pyridoxine (vitamin B6)	◆	◆	◆	◆	◆
Quercetin	■	■	■	■	■
Retinol (vitamin A)	◆	◆	◆	◆	◆
Riboflavin (vitamin B2)	◆	◆	◆	◆	◆
Saw palmetto (Serenoa repens)	◆	◆	◆	◆	◆
Seville orange juice	◆	◆	◆	▲	▲
St John's Wort	●	●	●	●	●
Thiamine (vitamin B1)	◆	◆	◆	◆	◆
Turmeric (Curcuma longa)	◆	◆	◆	◆	◆
Valerian	◆	◆	◆	◆	◆
Vitamin E	◆	◆	◆	◆	◆

Key to abbreviations

EFV	Efavirenz (Sustiva® Stocrin®)
ETV	Etravirine (Intence®)
NVP	Nevirapine (Viramune®)
RPV	Rilpivirine (Edurant®)
RPV + F/TAF	Rilpivirine/Emtricitabine/Tenofovir alafenamide (Odefsey®)

Key to symbols

●	These drugs should not be coadministered
■	Potential interaction – may require close monitoring, alteration of drug dosage or timing of administration
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Where advice differs between countries, and/or between boosted and unboosted regimens, the charts reflect the more cautious option.

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Interactions with NNRTIs

Charts revised February 2018. Full information available at www.hiv-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.

	EFV	ETV	NVP	RPV	RPV + F/TAF
Hypertension / Heart Failure Agents					
Aliskiren	◆	■	◆	◆	◆
Ambrisentan	◆	◆	◆	◆	◆
Amiloride	◆	◆	◆	◆	◆
Bendroflumethiazide	◆	◆	◆	◆	◆
Bosentan	◆	◆	◆	◆	◆
Candesartan	◆	◆	◆	◆	◆
Captopril	◆	◆	◆	◆	◆
Chlortalidone	◆	◆	◆	◆	◆
Cilazapril	◆	◆	◆	◆	◆
Clonidine	◆	◆	◆	◆	◆
Digoxin	◆	◆	◆	◆	◆
Dopamine	◆	◆	◆	◆	◆
Doxazosin	◆	◆	◆	◆	◆
Enalapril	◆	◆	◆	◆	◆
Epoprostenol	◆	◆	◆	◆	◆
Eprosartan	◆	◆	◆	◆	◆
Furosemide	◆	◆	◆	◆	◆
Hydralazine	◆	◆	◆	◆	◆
Hydrochlorothiazide	◆	◆	◆	◆	◆
Iloprost	◆	◆	◆	◆	◆
Indapamide	◆	◆	◆	◆	◆
Irbesartan	◆	◆	◆	◆	◆
Isosorbide dinitrate	◆	◆	◆	◆	◆
Ivabradine	◆	◆	◆	◆	◆
Labetalol	◆	◆	◆	◆	◆
Lacidipine	◆	◆	◆	◆	◆
Lercanidipine	◆	◆	◆	◆	◆
Lisinopril	◆	◆	◆	◆	◆
Losartan	◆	◆	◆	◆	◆
Macitentan	◆	◆	◆	◆	◆
Methyldopa	◆	◆	◆	◆	◆
Metolazone	◆	◆	◆	◆	◆
Olmесartan	◆	◆	◆	◆	◆
Perindopril	◆	◆	◆	◆	◆
Prazosin	◆	◆	◆	◆	◆
Quinapril	◆	◆	◆	◆	◆
Ramipril	◆	◆	◆	◆	◆
Ranolazine	◆	◆	◆	◆	◆
Riociguat	◆	◆	◆	◆	◆
Sacubitril	◆	◆	◆	◆	◆
Selexipag	◆	◆	◆	◆	◆
Sildenafil (PAH)	◆	◆	◆	◆	◆
Sodium nitroprusside	◆	◆	◆	◆	◆
Spironolactone	◆	◆	◆	◆	◆
Tadalafil (PAH)	◆	◆	◆	◆	◆
Telmisartan	◆	◆	◆	◆	◆
Terazosin	◆	◆	◆	◆	◆
Torsemide	◆	◆	◆	◆	◆
Trandolapril	◆	◆	◆	◆	◆
Treprostinil	◆	◆	◆	◆	◆
Valsartan	◆	◆	◆	◆	◆
Xipamide	◆	◆	◆	◆	◆
Illicit/Recreational					
Alcohol	◆	◆	◆	◆	◆
Amphetamine	◆	◆	◆	◆	◆
Cannabis	◆	◆	◆	◆	◆
Cocaine	◆	◆	◆	◆	◆
Ecstasy (MDMA)	◆	◆	◆	◆	◆
GHB (Gamma-hydroxybutyrate)	◆	◆	◆	◆	◆
Heroin	◆	◆	◆	◆	◆
LSD (Lysergic acid diethylamide)	◆	◆	◆	◆	◆
Mephedrone	◆	◆	◆	◆	◆
Methamphetamine	◆	◆	◆	◆	◆
Phencyclidine (PCP)	◆	◆	◆	◆	◆
Poppers (Amyl nitrate)	◆	◆	◆	◆	◆
Immune Modulators					
Hydroxyurea (Hydroxycarbamide)	◆	◆	◆	◆	◆
Interferon alpha	◆	◆	◆	◆	◆
Interleukin 2 (Aldesleukin)	◆	◆	◆	◆	◆
Peginterferon alfa-2a	◆	◆	◆	◆	◆
Immunosuppressants					
Anti-thymocyte globulin	◆	◆	◆	◆	◆
Azathioprine	◆	◆	◆	◆	◆
Basiliximab	◆	◆	◆	◆	◆
Belatacept	◆	◆	◆	◆	◆
Ciclosporin	◆	◆	◆	◆	◆
Mycophenolate	◆	◆	◆	◆	◆
Sirolimus	◆	◆	◆	◆	◆
Tacrolimus	◆	◆	◆	◆	◆
Lipid Lowering Agents					
Atorvastatin	◆	◆	◆	◆	◆
Bezafibrate	◆	◆	◆	◆	◆
Clofibrate	◆	◆	◆	◆	◆
Ezetimibe	◆	◆	◆	◆	◆
Fenofibrate	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆
Fluvastatin	◆	◆	◆	◆	◆
Gemfibrozil	◆	◆	◆	◆	◆
Lovastatin	◆	◆	◆	◆	◆
Pitavastatin	◆	◆	◆	◆	◆
Pravastatin	◆	◆	◆	◆	◆
Rosuvastatin	◆	◆	◆	◆	◆
Simvastatin	◆	◆	◆	◆	◆

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Other					
Acetazolamide	◆	◆	◆	◆	◆
Acitretin	◆	◆	◆	◆	◆
Adrenaline (Epinephrine)	◆	◆	◆	◆	◆
Alendronic Acid	◆	◆	◆	◆	◆
Alfuzosin	◆	◆	◆	◆	◆
Allopurinol	◆	◆	◆	◆	◆
Atropine	◆	◆	◆	◆	◆
Baclofen	◆	◆	◆	◆	◆
Biperiden	◆	◆	◆	◆	◆
Caffeine citrate	◆	◆	◆	◆	◆
Calcium	◆	◆	◆	◆	◆
Carbamazepine	◆	◆	◆	◆	◆
Clomifene	◆	◆	◆	◆	◆
Colchicine	◆	◆	◆	◆	◆
Cyproterone acetate	◆	◆	◆	◆	◆
Denosumab	◆	◆	◆	◆	◆
Disulfiram	◆	◆	◆	◆	◆
Dutasteride	◆	◆	◆	◆	◆
Finasteride	◆	◆	◆	◆	◆
Flibanserin	◆	◆	◆	◆	◆
Goserelin	◆	◆	◆	◆	◆
Ibandronic acid	◆	◆	◆	◆	◆
Isotretinoin	◆	◆	◆	◆	◆
Leuprorelin	◆	◆	◆	◆	◆
Levothyroxine	◆	◆	◆	◆	◆
Magnesium	◆	◆	◆	◆	◆
Mannitol	◆	◆	◆	◆	◆
Methylphenidate	◆	◆	◆	◆	◆
Modafinil	◆	◆	◆	◆	◆
Naftidrofuryl	◆	◆	◆	◆	◆
Naltrexone	◆	◆	◆	◆	◆
Neostigmine	◆	◆	◆	◆	◆
Nicorandil	◆	◆	◆	◆	◆
Orlistat	◆	◆	◆	◆	◆
Penicillamine	◆	◆	◆	◆	◆
Pentoxifylline	◆	◆	◆	◆	◆
Pilocarpine	◆	◆	◆	◆	◆
Potassium	◆	◆	◆	◆	◆
Probenecid	◆	◆	◆	◆	◆
Propylthiouracil	◆	◆	◆	◆	◆
Protamine sulphate	◆	◆	◆	◆	◆
Pyridostigmine	◆	◆	◆	◆	◆
Strontium ranelate	◆	◆	◆	◆	◆
Sulfasalazine	◆	◆	◆	◆	◆
Tamsulosin	◆	◆	◆	◆	◆
Thalidomide	◆	◆	◆	◆	◆
Tranexamic acid	◆	◆	◆	◆	◆
Varenicline	◆	◆	◆	◆	◆
Zoledronic acid	◆	◆	◆	◆	◆
Overactive Bladder Agents					
Darifenacin	◆	◆	◆	◆	◆
Fesoterodine	◆	◆	◆	◆	◆
Mirabegron	◆	◆	◆	◆	◆
Oxybutynin	◆	◆	◆	◆	◆
Solifenacin	◆	◆	◆	◆	◆
Tolterodine	◆	◆	◆	◆	◆
Trospium	◆	◆	◆	◆	◆
Oxytocics					
Ergometrine (Ergonovine)	◆	◆	◆	◆	◆
Mifepristone	◆	◆	◆	◆	◆
Misoprostol	◆	◆	◆	◆	◆
Oxytocin	◆	◆	◆	◆	◆
Parkinsonism Agents					
Apomorphine	◆	◆	◆	◆	◆
Benserazide	◆	◆	◆	◆	◆
Carbidopa	◆	◆	◆	◆	◆
Levodopa	◆	◆	◆	◆	◆
Pramipexole	◆	◆	◆	◆	◆
Rasagiline	◆	◆	◆	◆	◆
Ropinirole	◆	◆	◆	◆	◆
Steroids					
Beclomethasone	◆	◆	◆	◆	◆
Betamethasone	◆	◆	◆	◆	◆
Budesonide	◆	◆	◆	◆	◆
Clobetasol	◆	◆	◆	◆	◆
Dexamethasone	◆	◆	◆	◆	◆
Fludrocortisone	◆	◆	◆	◆	◆
Fluocinolone	◆	◆	◆	◆	◆
Fluticasone	◆	◆	◆	◆	◆
Hydrocortisone (oral)	◆	◆	◆	◆	◆
Hydrocortisone (topical)	◆	◆	◆	◆	◆
Megestrol acetate	◆	◆	◆	◆	◆
Methylprednisolone	◆	◆	◆	◆	◆
Mometasone	◆	◆	◆	◆	◆
Nandrolone	◆	◆	◆	◆	◆
Oxandrolone	◆	◆	◆	◆	◆
Prednisolone	◆	◆	◆	◆	◆
Prednisone	◆	◆	◆	◆	◆
Stanozolol	◆	◆	◆	◆	◆
Testosterone	◆	◆	◆	◆	◆
Triamcinolone	◆	◆	◆	◆	◆

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