

Interactions with NNRTIs

Charts revised February 2019. Full information available at www.hiv-druginteractions.org

Page 1 of 5

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

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | 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 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tapentadol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tramadol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Anthelmintics | | | | | | | | |
| Albendazole | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Diethylcarbamazine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ivermectin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Levamisole (Ergamisol) | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mebendazole | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Nicosamide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Oxamniquine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Praziquantel | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Pyrantel | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Suramin sodium | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Triclabendazole | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Antiarrhythmics | | | | | | | | |
| Amiodarone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bepridil | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Disopyramide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Dofetilide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Flecainide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Lidocaine (Lignocaine) | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mexiletine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Propafenone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Quinidine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | RPV + F/TAF |
|---|-----|---------------|-----|-----|-----|-----|-----------|-------------|
| Antibacterials | | | | | | | | |
| Amikacin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Amoxicillin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ampicillin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Azithromycin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bedaquiline | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Capreomycin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cefalexin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cefazolin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cefixime | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cefotaxime | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ceftazidime | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ceftriaxone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Chloramphenicol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ciprofloxacin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clarithromycin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clavulanic acid | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clindamycin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clofazimine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cloxacillin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cycloserine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Dapsone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Delamanid | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Doxycycline | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| 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) | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Betrixaban | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clopidogrel | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Dabigatran | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Dalteparin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Dipyridamole | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Edoxaban | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Eltrombopag | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Enoxaparin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Fondaparinux | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Heparin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Phenprocoumon | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Prasugrel | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Rivaroxaban | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Streptokinase | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ticagrelor | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Warfarin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

For personal use only. Not for distribution.

Key to abbreviations

| | | | |
|-----------------|--|-------------|---|
| DOR | Doravirine (Pifeltro [®]) | RPV | Rilpivirine (Edurant [®]) |
| DOR + 3TC + TDF | Doravirine + Lamivudine + Tenofovir-DF (Delstrigo [®]) | RPV + DTG | Rilpivirine + Dolutegravir (Juluca [®]) |
| EFV | Efavirenz (Sustiva [®] /Stocrin [®]) | RPV + F/TAF | Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey [®]) |
| ETV | Etravirine (Intelence [®]) | | |
| NVP | Nevirapine (Viramune [®]) | | |

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 |

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

© Liverpool Drug Interaction Group, University of Liverpool
Pharmacology Research Labs, 1st Floor Block H, 70 Pembroke Place, LIVERPOOL, L69 3GF

We aim to ensure that information is accurate and consistent with current knowledge and practice. However, the University of Liverpool and its servants or agents shall not be responsible or in any way liable for the continued currency of information in this publication whether arising from negligence or otherwise howsoever or for any consequences arising therefrom. The University of Liverpool expressly exclude liability for errors, omissions or inaccuracies to the fullest extent permitted by law.

Interactions with NNRTIs

Charts revised February 2019. Full information available at www.hiv-druginteractions.org

Page 2 of 5

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

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | RPV + F/TAF |
|--------------------------------|-----|---------------|-----|-----|-----|-----|-----------|-------------|
| Anticonvulsants | | | | | | | | |
| Carbamazepine | ● | ● | ■ | ● | ■ | ● | ● | ● |
| Clonazepam | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Eslicarbazepine | ● | ● | ■ | ▲ | ■ | ● | ● | ● |
| Ethosuximide | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Gabapentin | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Lacosamide | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Lamotrigine | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Levetiracetam | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Oxcarbazepine | ● | ● | ■ | ▲ | ▲ | ● | ● | ● |
| Phenobarbital (Phenobarbitone) | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Phenytoin | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Pregabalin | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Primidone | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Tiagabine | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Topiramate | ● | ■ | ■ | ■ | ■ | ● | ● | ● |
| Valproate (Divalproex) | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Vigabatrin | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Zonisamide | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Antidepressants | | | | | | | | |
| Agomelatine | ● | ● | ■ | ■ | ■ | ● | ● | ● |
| Amitriptyline | ● | ● | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Bupropion | ● | ● | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Citalopram | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Clomipramine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Desipramine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Doxepin | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Duloxetine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Escitalopram | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Fluoxetine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Fluvoxamine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Imipramine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Lithium | ● | ■ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Maprotiline | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Mianserine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Milnacipran | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Mirtazapine | ● | ● | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Nefazodone | ▲ | ▲ | ■ | ■ | ■ | ■ | ■ | ■ |
| Nortriptyline | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Paroxetine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Phenelzine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Reboxetine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Sertraline | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Tranylcypromine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Trazodone | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Trimipramine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Venlafaxine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Vortioxetine | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Anti-diabetics | | | | | | | | |
| Acarbose | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Canagliflozin | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Dapagliflozin | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Dulaglutide | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Empagliflozin | ● | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Exanatide | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Glibenclamide (Glyburide) | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Gliclazide | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Glimepiride | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Glipizide | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Insulin | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Linagliptin | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Liraglutide | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Metformin | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Nateglinide | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Pioglitazone | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Repaglinide | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Rosiglitazone | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Saxagliptin | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Sitagliptin | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Tolbutamide | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |
| Vildagliptin | ● | ● | ■ | ■ | ■ | ■ | ■ | ■ |

For personal use only. Not for distribution.

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | RPV + F/TAF |
|------------------------------------|-----|---------------|-----|-----|-----|-----|-----------|-------------|
| 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 | ◆ | ▲ | ◆ | ◆ | ◆ | ◆ | ◆ | ▲ |
| Antipsychotics/Neuroleptics | | | | | | | | |
| Amisulpride | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Aripiprazole | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Asenapine | ◆ | ◆ | ▲ | ▲ | ▲ | ◆ | ◆ | ◆ |
| Chlorpromazine | ◆ | ◆ | ◆ | ◆ | ◆ | ▲ | ▲ | ▲ |
| Clozapine | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Fluphenazine | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Haloperidol | ◆ | ◆ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Iloperidone | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Levomepromazine | ◆ | ◆ | ◆ | ◆ | ◆ | ▲ | ▲ | ▲ |
| Olanzapine | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Paliperidone | ◆ | ◆ | ▲ | ▲ | ▲ | ◆ | ◆ | ◆ |
| Perazine | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Periciazine | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Perphenazine | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Pimozide | ◆ | ◆ | ● | ■ | ■ | ▲ | ▲ | ▲ |
| Pipotiazine | ◆ | ◆ | ◆ | ◆ | ◆ | ▲ | ▲ | ▲ |
| Quetiapine | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |
| Risperidone | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Sulpiride | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ▲ |
| Thioridazine | ◆ | ◆ | ▲ | ▲ | ▲ | ◆ | ◆ | ▲ |
| Tiapride | ◆ | ◆ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| Ziprasidone | ◆ | ◆ | ■ | ■ | ■ | ● | ● | ● |
| Zotepine | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Zuclophenixol | ◆ | ◆ | ■ | ■ | ■ | ▲ | ▲ | ▲ |

Key to abbreviations

| | | | |
|-----------------|---|-------------|--|
| DOR | Doravirine (Pifeltro®) | RPV | Rilpivirine (Edurant®) |
| DOR + 3TC + TDF | Doravirine + Lamivudine + Tenofovir-DF (Delstrigo®) | RPV + DTG | Rilpivirine + Dolutegravir (Juluca®) |
| EFV | Efavirenz (Sustiva® Stocrin®) | RPV + F/TAF | Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey®) |
| ETV | Etravirine (Intelence®) | | |
| NVP | Nevirapine (Viramune®) | | |

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 |

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

© Liverpool Drug Interaction Group, University of Liverpool
Pharmacology Research Labs, 1st Floor Block H, 70 Pembroke Place, LIVERPOOL, L69 3GF

We aim to ensure that information is accurate and consistent with current knowledge and practice. However, the University of Liverpool and its servants or agents shall not be responsible or in any way liable for the continued currency of information in this publication whether arising from negligence or otherwise howsoever or for any consequences arising therefrom. The University of Liverpool expressly exclude liability for errors, omissions or inaccuracies to the fullest extent permitted by law.

Interactions with NNRTIs

Charts revised February 2019. Full information available at www.hiv-druginteractions.org

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

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | RPV + F/TAF |
|---|-----|---------------|-----|-----|-----|-----|-----------|-------------|
| 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 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Buspirone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Chlordiazepoxide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clobazam | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| 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 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bronchodilators | | | | | | | | |
| Acidinium bromide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Aminophylline | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Formoterol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Glycopyrronium bromide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Indacaterol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ipratropium bromide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Montelukast | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Olodaterol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Roflumilast | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Salbutamol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Salmeterol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Theophylline | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tiotropium bromide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Umeclidinium bromide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Vilanterol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | RPV + F/TAF |
|---------------------------------|-----|---------------|-----|-----|-----|-----|-----------|-------------|
| Calcium Channel Blockers | | | | | | | | |
| Amlodipine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Diltiazem | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Felodipine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Nicardipine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Nifedipine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Nisoldipine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Nitrendipine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Verapamil | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cancer Therapies | | | | | | | | |
| Anastrozole | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Asparaginase | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bevacizumab | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bexarotene | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bleomycin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bortezomib | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Capecitabine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Carboplatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cetuximab | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| 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 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mercaptopurine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mesna | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Methotrexate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mitoxantrone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Nilotinib | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Oxaliplatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Paclitaxel | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Pazopanib | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Procarbazine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Rituximab | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Sorafenib | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Sunitinib | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tamoxifen | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Temsirolimus | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Topotecan | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Toremifene | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Vinblastine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Vincristine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Vorinostat | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

For personal use only. Not for distribution.

Key to abbreviations

| | | | |
|----------------|---|-------------|--|
| DOR | Doravirine (Pifeltro®) | RPV | Rilpivirine (Edurant®) |
| DOR + 3TC+ TDF | Doravirine + Lamivudine+Tenofovir-DF (Delstrigo®) | RPV + DTG | Rilpivirine + Dolutegravir (Juluca®) |
| EFV | Efavirenz (Sustiva®/Stocrin®) | RPV + F/TAF | Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey®) |
| ETV | Etravirine (Intelence®) | | |
| NVP | Nevirapine (Viramune®) | | |

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 |

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

© Liverpool Drug Interaction Group, University of Liverpool
Pharmacology Research Labs, 1st Floor Block H, 70 Pembroke Place, LIVERPOOL, L69 3GF

We aim to ensure that information is accurate and consistent with current knowledge and practice. However, the University of Liverpool and its servants or agents shall not be responsible or in any way liable for the continued currency of information in this publication whether arising from negligence or otherwise howsoever or for any consequences arising therefrom. The University of Liverpool expressly exclude liability for errors, omissions or inaccuracies to the fullest extent permitted by law.

Interactions with NNRTIs

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

| | DOR | DOR+ 3TC/TDF | EFV | ETV | NVP | RPV | RPV+ DTG | RPV+ F/TAF |
|---|-----|--------------|-----|-----|-----|-----|----------|------------|
| 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 | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Erectile Dysfunctional Agents | | | | | | | | |
| Sildenafil (Erectile Dysfunction) | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Tadalafil (Erectile Dysfunction) | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Vardenafil | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Gastrointestinal Agents | | | | | | | | |
| Allosetron | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| 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) | ◆ | ◆ | ◆ | ◆ | ◆ | ■ | ■ | ■ |
| Calcium supplements | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| 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 | ▲ | ▲ | ◆ | ◆ | ◆ | ▲ | ▲ | ▲ |

| | DOR | DOR+ 3TC/TDF | EFV | ETV | NVP | RPV | RPV+ DTG | RPV+ F/TAF |
|---|-----|--------------|-----|-----|-----|-----|----------|------------|
| Herbals/Supplements/Vitamins (continued) | | | | | | | | |
| Hops (Humulus lupulus) | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Inula racemosa | ▲ | ▲ | ◆ | ◆ | ◆ | ▲ | ▲ | ▲ |
| Iodine | ◆ | ◆ | ◆ | ◆ | ◆ | ■ | ■ | ■ |
| Iron supplements | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Liquorice (Glycyrrhiza glabra) | ▲ | ▲ | ◆ | ◆ | ◆ | ▲ | ▲ | ▲ |
| Magnesium supplements | ◆ | ◆ | ◆ | ◆ | ◆ | ■ | ■ | ■ |
| Malabar nut tree | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Menthol | ▲ | ▲ | ◆ | ◆ | ◆ | ▲ | ▲ | ▲ |
| Milk thistle (silymarin) | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Multivitamins | ◆ | ◆ | ◆ | ◆ | ◆ | ■ | ■ | ■ |
| 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 | ◆ | ◆ | ◆ | ◆ | ◆ | ■ | ■ | ■ |
| Hypertension / Heart Failure Agents | | | | | | | | |
| Aliskiren | ◆ | ◆ | ◆ | ■ | ◆ | ◆ | ◆ | ◆ |
| Ambrisentan | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Amiloride | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bendroflumethiazide | ■ | ■ | + | + | + | ■ | ■ | ■ |
| Bosentan | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Candesartan | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Captopril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Chlorthalidone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cilazapril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clonidine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Digoxin | ◆ | ◆ | ◆ | ■ | ◆ | ◆ | ◆ | ◆ |
| Dopamine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Doxazosin | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Enalapril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Eplerenone | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Epoprostenol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Eprosartan | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Fosinopril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Furosemide | ◆ | ▲ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Hydralazine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Hydrochlorothiazide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Iloprost | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Indapamide | ◆ | ◆ | ◆ | ◆ | ■ | ◆ | ◆ | ◆ |
| Irbesartan | ◆ | ◆ | ▲ | ▲ | ◆ | ◆ | ◆ | ◆ |
| Isosorbide dinitrate | ◆ | ◆ | ▲ | ▲ | ▲ | ◆ | ◆ | ◆ |
| Ivabradine | ◆ | ◆ | ■ | ■ | ■ | ■ | ■ | ■ |
| Labetalol | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Lacidipine | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Lercanidipine | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Lisinopril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Losartan | ◆ | ◆ | ▲ | ▲ | ◆ | ◆ | ◆ | ◆ |
| Macitentan | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Methyldopa | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Metolazone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Olmesartan | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Perindopril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Prazosin | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Quinapril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ramipril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ranolazine | ◆ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Riociguat | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Sacubitril | ◆ | ▲ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Selexipag | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Sildenafil (PAH) | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Sodium nitroprusside | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Spironolactone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tadalafil (PAH) | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Telmisartan | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Terazosin | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Torasemide | ◆ | ◆ | ▲ | ▲ | ◆ | ◆ | ◆ | ◆ |
| Trandolapril | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Treprostinil | ◆ | ◆ | ■ | ■ | ■ | ◆ | ◆ | ◆ |
| Valsartan | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Xipamide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

For personal use only. Not for distribution.

Key to abbreviations

| | | | |
|-----------------|---|-------------|--|
| DOR | Doravirine (Pifeltro®) | RPV | Rilpivirine (Edurant®) |
| DOR + 3TC + TDF | Doravirine + Lamivudine + Tenofovir-DF (Delstrigo®) | RPV + DTG | Rilpivirine + Dolutegravir (Juluca®) |
| EFV | Efavirenz (Sustiva®/Stocrin®) | RPV + F/TAF | Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey®) |
| ETV | Etravirine (Intelence®) | | |
| NVP | Nevirapine (Viramune®) | | |

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 |

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

© Liverpool Drug Interaction Group, University of Liverpool
Pharmacology Research Labs, 1st Floor Block H, 70 Pembroke Place, LIVERPOOL, L69 3GF

We aim to ensure that information is accurate and consistent with current knowledge and practice. However, the University of Liverpool and its servants or agents shall not be responsible or in any way liable for the continued currency of information in this publication whether arising from negligence or otherwise howsoever or for any consequences arising therefrom. The University of Liverpool expressly excludes liability for errors, omissions or inaccuracies to the fullest extent permitted by law.

Interactions with NNRTIs

Charts revised February 2019. Full information available at www.hiv-druginteractions.org

Page 5 of 5

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

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | RPV + F/TAF |
|----------------------------------|-----|---------------|-----|-----|-----|-----|-----------|-------------|
| 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 | | | | | | | | |
| Adalimumab | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Anti-thymocyte globulin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Azathioprine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Basiliximab | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Belatacept | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ciclosporin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mycophenolate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Sirolimus | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tacrolimus | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Lipid Lowering Agents | | | | | | | | |
| Atorvastatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Bezafibrate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clofibrate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Evolocumab | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ezetimibe | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Fenofibrate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Fish oils | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Fluvastatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Gemfibrozil | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Lovastatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Pitavastatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Pravastatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Rosuvastatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Simvastatin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| 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 | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

For personal use only. Not for distribution.

| | DOR | DOR + 3TC/TDF | EFV | ETV | NVP | RPV | RPV + DTG | RPV + F/TAF |
|-------------------------------------|-----|---------------|-----|-----|-----|-----|-----------|-------------|
| Other | | | | | | | | |
| Acamprosate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Acetazolamide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Acitretin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Adrenaline (Epinephrine) | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Alendronic Acid | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Alfuzosin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Allopurinol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Atropine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Baclofen | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Betahistine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Biperiden | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Caffeine citrate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cannabidiol (CBD) | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Carbimazole | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Clomifene | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Colchicine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Cyproterone acetate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Denosumab | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Disulfiram | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Dutasteride | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Finasteride | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Flibanserin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Glyceril trinitrate (Nitroglycerin) | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Goserelin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Ibandronic acid | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Isotretinoin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Leuprorelin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Levothyroxine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Mannitol | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Methylphenidate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Modafinil | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Naftidrofuryl | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Naloxone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Naltrexone | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Neostigmine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Nicorandil | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Orlistat | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Penicillamine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Pentoxifylline | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Pilocarpine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Potassium | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Probenecid | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Propylthiouracil | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Protamine sulphate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Pyridostigmine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Strontium ranelate | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Sulfasalazine | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tamsulosin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Thalidomide | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Tranexamic acid | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Triptorelin | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Varenicline | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |
| Zoledronic acid | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ | ◆ |

Key to abbreviations

| | | | |
|-----------------|---|-------------|--|
| DOR | Doravirine (Pifeltro®) | RPV | Rilpivirine (Edurant®) |
| DOR + 3TC + TDF | Doravirine + Lamivudine + Tenofovir-DP (Delstrigo®) | RPV + DTG | Rilpivirine + Dolutegravir (Juluca®) |
| EFV | Efavirenz (Sustiva®/Stocrin®) | RPV + F/TAF | Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey®) |
| ETV | Etravirine (Intelence®) | | |
| NVP | Nevirapine (Viramune®) | | |

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 |

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

© Liverpool Drug Interaction Group, University of Liverpool
Pharmacology Research Labs, 1st Floor Block H, 70 Pembroke Place, LIVERPOOL, L69 3GF

We aim to ensure that information is accurate and consistent with current knowledge and practice. However, the University of Liverpool and its servants or agents shall not be responsible or in any way liable for the continued currency of information in this publication whether arising from negligence or otherwise howsoever or for any consequences arising therefrom. The University of Liverpool expressly exclude liability for errors, omissions or inaccuracies to the fullest extent permitted by law.