

Interactions with Experimental COVID-19 Therapies

Charts updated 12 March 2020

Page 1 of 4

Please check www.covid19-druginteractions.org for updates.

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister. No recommendation to use experimental therapy for COVID-19 is made. Drug interaction data for many agents are limited or absent; therefore, risk-benefit assessment for any individual patient rests with prescribers.

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
Anaesthetics & Muscle Relaxants							
Alcuronium	◆	◆	◆	▲	◆	◆	◆
Bupivacaine	■	■	◆	◆	◆	◆	◆
Cisatracurium	◆	◆	◆	◆	◆	◆	◆
Desflurane	◆	◆	◆	◆	◆	◆	◆
Dexmedetomidine	◆	■	◆	◆	◆	◆	◆
Enflurane	◆	◆	◆	◆	◆	◆	◆
Ephedrine	◆	◆	◆	◆	◆	◆	◆
Etidocaine	■	■	◆	◆	◆	◆	◆
Halothane	◆	◆	◆	◆	◆	◆	◆
Isoflurane	◆	◆	◆	◆	◆	◆	◆
Ketamine	■	■	◆	◆	◆	◆	◆
Minaxolone	■	■	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆
Remifentanyl	◆	◆	◆	◆	◆	◆	◆
Tapentadol	◆	◆	◆	◆	◆	◆	◆
Tramadol	▲	▲	◆	◆	◆	◆	◆
Antiarrhythmics							
Amiodarone	●	●	◆	◆	●	◆	◆
Bepidil	●	●	◆	◆	●	◆	◆
Disopyramide	●	●	◆	◆	■	◆	◆
Dofetilide	●	●	◆	◆	■	◆	◆
Flecainide	■	■	◆	◆	●	◆	◆
Lidocaine (Lignocaine)	■	■	◆	◆	◆	◆	◆
Mexiletine	■	■	◆	◆	●	◆	◆
Propafenone	■	■	◆	◆	■	◆	◆
Quinidine	●	■	◆	◆	■	◆	◆

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
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	◆	◆	◆	▲	◆	◆	◆
Piperacillin	◆	◆	◆	▲	◆	◆	◆
Pyrazinamide	◆	◆	◆	◆	◆	◆	◆
Rifabutin	■	■	■	◆	■	◆	◆
Rifampicin	●	●	●	◆	●	◆	◆
Rifapentine	●	■	●	◆	●	◆	◆
Rifaximin	◆	◆	◆	◆	◆	◆	◆
Spectinomycin	◆	◆	◆	◆	◆	◆	◆
Streptomycin	◆	◆	◆	◆	◆	◆	◆
Sulfadiazine	◆	▲	◆	◆	◆	◆	◆
Tazobactam	◆	◆	◆	▲	◆	◆	◆
Telithromycin	■	■	◆	◆	■	◆	◆
Tetracyclines	◆	◆	◆	◆	◆	◆	◆
Tinidazole	▲	■	◆	◆	◆	◆	◆
Trimethoprim/Sulfamethoxazole	◆	◆	◆	◆	◆	◆	◆
Vancomycin	◆	◆	◆	◆	◆	◆	◆

Key to abbreviations

DRV/c	Darunavir/cobicistat	CLQ	Chloroquine
LPV/r	Lopinavir/ritonavir	NITA	Nitazoxanide
RDV	Remdesivir	RBV	Ribavirin
FAVI	Favipiravir		

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

Interactions with Experimental COVID-19 Therapies

Charts updated 12 March 2020

Page 2 of 4

Please check www.covid19-druginteractions.org for updates.

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister. No recommendation to use experimental therapy for COVID-19 is made. Drug interaction data for many agents are limited or absent; therefore, risk-benefit assessment for any individual patient rests with prescribers.

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
Anti-coagulant, Anti-platelet and Fibrinolytic							
Acenocoumarol	◆	■	◆	◆	◆	■	◆
Apixaban	●	●	◆	◆	▲	◆	◆
Argatroban	◆	◆	◆	◆	◆	◆	◆
Aspirin (anti-platelet)	◆	◆	◆	◆	◆	◆	◆
Betrixaban	■	■	◆	◆	■	◆	◆
Clopidogrel	●	●	◆	◆	◆	◆	◆
Dabigatran	●	■	◆	◆	■	◆	◆
Dalteparin	◆	◆	◆	◆	◆	◆	◆
Dipyridamole	◆	■	◆	◆	◆	◆	◆
Edoxaban	■	■	◆	◆	■	◆	◆
Eltrombopag	◆	■	◆	◆	◆	◆	◆
Enoxaparin	◆	◆	◆	◆	◆	◆	◆
Fondaparinux	◆	◆	◆	◆	◆	◆	◆
Heparin	◆	◆	◆	◆	◆	◆	◆
Phenprocoumon	■	■	◆	◆	◆	■	◆
Prasugrel	◆	◆	◆	◆	◆	◆	◆
Rivaroxaban	●	●	◆	◆	▲	◆	◆
Streptokinase	◆	◆	◆	◆	◆	◆	◆
Ticagrelor	●	●	◆	◆	◆	◆	◆
Warfarin	■	■	◆	◆	◆	■	■
Antidepressants							
Agomelatine	◆	■	◆	◆	◆	◆	◆
Amitriptyline	▲	■	◆	◆	■	◆	◆
Bupropion	◆	■	◆	◆	◆	◆	◆
Citalopram	▲	■	◆	◆	■	◆	◆
Clomipramine	■	■	◆	◆	■	◆	◆
Desipramine	▲	■	◆	◆	■	◆	◆
Doxepin	▲	▲	◆	◆	◆	◆	◆
Duloxetine	▲	▲	◆	◆	▲	◆	◆
Escitalopram	▲	■	◆	◆	■	◆	◆
Fluoxetine	▲	▲	◆	◆	◆	◆	◆
Fluvoxamine	▲	▲	◆	◆	◆	◆	◆
Imipramine	■	■	◆	◆	■	◆	◆
Lithium	◆	■	◆	◆	■	◆	◆
Maprotiline	▲	■	◆	◆	■	◆	◆
Mianserin	▲	▲	◆	◆	◆	◆	◆
Milnacipran	◆	◆	◆	◆	◆	◆	◆
Mirtazapine	■	■	◆	◆	◆	◆	◆
Nefazodone	■	■	◆	◆	◆	◆	◆
Nortriptyline	▲	■	◆	◆	■	◆	◆
Paroxetine	■	■	◆	◆	◆	◆	◆
Phenelzine	◆	◆	◆	◆	◆	◆	◆
Reboxetine	■	■	◆	◆	◆	◆	◆
Sertraline	▲	■	◆	◆	◆	◆	◆
St John's wort	●	●	●	◆	●	◆	◆
Tranlycypromine	■	■	◆	◆	◆	◆	◆
Trazodone	■	■	◆	◆	■	◆	◆
Trimipramine	▲	▲	◆	◆	◆	◆	◆
Venlafaxine	▲	▲	◆	◆	◆	◆	◆
Vortioxetine	▲	▲	◆	◆	◆	◆	◆

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
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	◆	◆	◆	◆	◆	◆	◆
Antipsychotics/Neuroleptics							
Amisulpride	◆	◆	◆	◆	◆	◆	◆
Aripiprazole	■	■	◆	◆	◆	◆	◆
Asenapine	▲	■	◆	◆	◆	◆	◆
Chlorpromazine	▲	■	◆	◆	■	◆	◆
Clozapine	■	■	◆	◆	■	◆	■
Fluphenazine	▲	■	◆	◆	■	◆	◆
Haloperidol	▲	■	◆	◆	■	◆	◆
Iloperidone	■	■	◆	◆	■	◆	◆
Levomepromazine	▲	■	◆	◆	■	◆	◆
Olanzapine	◆	■	◆	◆	◆	◆	◆
Paliperidone	▲	▲	◆	◆	◆	◆	◆
Perazine	■	■	◆	◆	◆	◆	◆
Pericazine	▲	■	◆	◆	◆	◆	◆
Perphenazine	▲	■	◆	◆	■	◆	◆
Pimozide	●	●	◆	◆	■	◆	◆
Pipotiazine	▲	■	◆	◆	■	◆	◆
Quetiapine	●	●	◆	◆	■	◆	◆
Risperidone	■	■	◆	◆	■	◆	◆
Sulpiride	◆	■	◆	◆	■	◆	◆
Thioridazine	▲	■	◆	◆	■	◆	◆
Tiapride	◆	■	◆	◆	■	◆	◆
Ziprasidone	■	●	◆	◆	●	◆	◆
Zotepine	■	■	◆	◆	■	◆	◆
Zuclopenthixol	■	■	◆	◆	■	◆	◆
Antivirals							
Darunavir/cobicistat	■	●	◆	◆	▲	◆	◆
Lopinavir/ritonavir	●	■	◆	◆	■	◆	◆
Remdesivir	◆	◆	◆	◆	◆	◆	◆
Favipiravir	◆	◆	◆	◆	◆	◆	◆
Chloroquine	▲	■	◆	◆	■	◆	◆
Nitazoxanide	◆	◆	◆	◆	◆	◆	◆
Ribavirin	◆	◆	◆	◆	◆	◆	◆
Oseltamivir	◆	◆	◆	◆	◆	◆	◆

Key to abbreviations

DRV/c	Darunavir/cobicistat	CLQ	Chloroquine
LPV/r	Lopinavir/ritonavir	NITA	Nitazoxanide
RDV	Remdesivir	RBV	Ribavirin
FAVI	Favipiravir		

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

Interactions with Experimental COVID-19 Therapies

Charts updated 12 March 2020

Page 3 of 4

Please check www.covid19-druginteractions.org for updates.

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister. No recommendation to use experimental therapy for COVID-19 is made. Drug interaction data for many agents are limited or absent; therefore, risk-benefit assessment for any individual patient rests with prescribers.

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
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	▲	▲	◆	◆	◆	◆	◆
Calcium Channel Blockers							
Amlodipine	■	■	◆	◆	◆	◆	◆
Diltiazem	■	■	◆	◆	◆	◆	◆
Felodipine	■	■	◆	◆	◆	◆	◆
Nicardipine	■	■	◆	◆	◆	◆	◆
Nifedipine	■	■	◆	◆	◆	◆	◆
Nisoldipine	■	■	◆	◆	◆	◆	◆
Nitrendipine	■	■	◆	◆	◆	◆	◆
Verapamil	■	■	◆	◆	▲	◆	◆

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
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 contrac.)	▲	▲	◆	▲	◆	◆	◆
Levonorgestrel (HRT)	■	■	◆	▲	◆	◆	◆
Levonorgestrel (implant)	▲	▲	◆	▲	◆	◆	◆
Levonorgestrel (IUD)	◆	◆	◆	◆	◆	◆	◆
Levonorgestrel (POP)	▲	▲	◆	▲	◆	◆	◆
Medroxyprogesterone (depot inj.)	◆	◆	◆	◆	◆	◆	◆
Medroxyprogesterone (oral)	■	■	◆	▲	◆	◆	◆
Norelgestromin (patch)	■	■	◆	▲	◆	◆	◆
Norethisterone (COC)	■	■	◆	▲	◆	◆	◆
Norethisterone (HRT)	■	■	◆	▲	◆	◆	◆
Norethisterone (IM depot)	◆	◆	◆	▲	◆	◆	◆
Norethisterone(POP)	▲	▲	◆	▲	◆	◆	◆
Norgestimate (COC)	■	■	◆	▲	◆	◆	◆
Norgestrel (COC)	■	■	◆	▲	◆	◆	◆
Norgestrel (HRT)	■	■	◆	▲	◆	◆	◆
Ulipristal	▲	▲	◆	▲	◆	◆	◆
Gastrointestinal Agents							
Alosetron	◆	■	◆	◆	◆	◆	◆
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	▲	■	◆	◆	■	◆	◆

Key to abbreviations

DRV/c	Darunavir/cobicistat	CLQ	Chloroquine
LPV/r	Lopinavir/ritonavir	NITA	Nitazoxanide
RDV	Remdesivir	RBV	Ribavirin
FAVI	Favipiravir		

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

Interactions with Experimental COVID-19 Therapies

Charts updated 12 March 2020

Page 4 of 4

Please check www.covid19-druginteractions.org for updates.

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister. No recommendation to use experimental therapy for COVID-19 is made. Drug interaction data for many agents are limited or absent; therefore, risk-benefit assessment for any individual patient rests with prescribers.

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
Hypertension / Heart Failure Agents							
Aliskiren	●	●	◆	◆	◆	◆	◆
Ambrisentan	■	■	◆	◆	◆	◆	◆
Amiloride	◆	◆	◆	◆	◆	◆	◆
Benazepril	◆	◆	◆	◆	◆	◆	◆
Bendroflumethiazide	◆	◆	◆	◆	◆	◆	◆
Bosentan	■	■	■	◆	◆	◆	◆
Candesartan	◆	◆	◆	◆	◆	◆	◆
Captopril	◆	◆	◆	◆	◆	◆	◆
Chlortalidone	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆
Moxonidine	◆	◆	◆	■	◆	◆	◆
Olmesartan	◆	◆	◆	◆	◆	◆	◆
Perindopril	◆	◆	◆	◆	◆	◆	◆
Prazosin	■	■	◆	◆	◆	◆	◆
Quinapril	◆	◆	◆	◆	◆	◆	◆
Ramipril	◆	◆	◆	◆	◆	◆	◆
Ranolazine	●	●	◆	◆	■	◆	◆
Riociguat	■	■	◆	◆	◆	◆	◆
Sacubitril	■	■	◆	◆	◆	◆	◆
Selexipag	◆	◆	◆	◆	◆	◆	◆
Sildenafil (PAH)	●	●	◆	◆	◆	◆	◆
Sodium nitroprusside	◆	◆	◆	◆	◆	◆	◆
Spirolactone	◆	◆	◆	◆	◆	◆	◆
Tadalafil (PAH)	■	■	◆	◆	◆	◆	◆
Telmisartan	◆	◆	◆	◆	◆	◆	◆
Terazosin	■	■	◆	◆	◆	◆	◆
Torsemide	◆	▲	◆	◆	◆	◆	◆
Trandolapril	◆	◆	◆	◆	◆	◆	◆
Treprostinil	◆	◆	◆	■	◆	◆	◆
Valsartan	■	■	◆	◆	◆	◆	◆
Xipamide	◆	◆	◆	◆	◆	◆	◆

	DRV/c	LPV/r	RDV	FAVI	CLQ	NITA	RBV
Immunosuppressants							
Adalimumab	◆	◆	◆	◆	■	◆	■
Anti-thymocyte globulin	◆	◆	◆	◆	◆	◆	◆
Azathioprine	◆	◆	◆	◆	■	◆	■
Basiliximab	◆	◆	◆	◆	◆	◆	◆
Belatacept	◆	◆	◆	◆	◆	◆	◆
Ciclosporin	■	■	◆	◆	■	◆	◆
Mycophenolate	◆	■	◆	◆	◆	◆	◆
Sirolimus	●	●	◆	◆	■	◆	◆
Tacrolimus	■	■	◆	◆	■	◆	◆
Inotropes & Vasopressors							
Adrenaline (Epinephrine)	◆	◆	◆	◆	◆	◆	◆
Dobutamine	◆	◆	◆	◆	◆	◆	◆
Noradrenaline	◆	◆	◆	◆	◆	◆	◆
Vasopressin	◆	◆	◆	◆	◆	◆	◆
Lipid Lowering Agents							
Atorvastatin	■	■	◆	◆	◆	◆	◆
Bezafibrate	◆	◆	◆	◆	◆	◆	◆
Clofibrate	◆	◆	◆	◆	◆	◆	◆
Evolocumab	◆	◆	◆	◆	◆	◆	◆
Ezetimibe	▲	◆	◆	◆	◆	◆	◆
Fenofibrate	◆	◆	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆	◆	◆
Fluvastatin	▲	◆	◆	◆	◆	◆	◆
Gemfibrozil	◆	▲	◆	◆	◆	◆	◆
Lovastatin	●	●	◆	◆	◆	◆	◆
Pitavastatin	▲	◆	◆	◆	◆	◆	◆
Pravastatin	■	◆	◆	◆	◆	◆	◆
Rosuvastatin	■	■	◆	◆	◆	◆	◆
Simvastatin	●	●	◆	◆	◆	◆	◆
Steroids							
Beclometasone	◆	◆	◆	◆	◆	◆	◆
Betamethasone	■	■	■	◆	◆	◆	◆
Budesonide	●	●	◆	◆	◆	◆	◆
Ciclesonide	■	■	◆	◆	◆	◆	◆
Clobetasol	■	■	◆	◆	◆	◆	◆
Dexamethasone	■	■	■	◆	◆	◆	◆
Fludrocortisone	■	■	◆	◆	◆	◆	◆
Flunisolide	■	■	◆	◆	◆	◆	◆
Fluocinolone	■	■	◆	◆	◆	◆	◆
Fluticasone	●	●	◆	◆	◆	◆	◆
Hydrocortisone (oral)	■	■	◆	◆	◆	◆	◆
Hydrocortisone (topical)	◆	◆	◆	◆	◆	◆	◆
Megestrol acetate	◆	◆	◆	◆	◆	◆	◆
Methylprednisolone	■	■	◆	◆	◆	◆	◆
Mometasone	●	●	◆	◆	◆	◆	◆
Nandrolone	◆	◆	◆	◆	◆	◆	◆
Oxandrolone	◆	◆	◆	◆	◆	◆	◆
Prednisolone	■	■	◆	◆	◆	◆	◆
Prednisone	■	■	◆	◆	◆	◆	◆
Stanozolol	■	■	◆	◆	◆	◆	◆
Testosterone	■	■	◆	◆	◆	◆	◆
Triamcinolone	●	●	◆	◆	◆	◆	◆

Key to abbreviations

DRV/c	Darunavir/cobicistat	CLQ	Chloroquine
LPV/r	Lopinavir/ritonavir	NITA	Nitazoxanide
RDV	Remdesivir	RBV	Ribavirin
FAVI	Favipiravir		

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