Interactions with HCC Therapies

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Atezo + Bez, Atezolizumab + bevacizumab; LEN, lenvatinib; PEM, pembrolizumab; REG, regorafenib; SOR, sorafenib.

	Atezo + Bez	LEN	PEM	REG	SOR
Anaesthetics and Muscle Relaxants					
Bupivacaine	◆	◆	◆	△	△
Cisatracurium	◆	◆	◆	◆	◆
Desflurane	◆	◆	◆	◆	◆
Dexmedetomidine	◆	■	◆	◆	■
Ephedrine	◆	△	◆	△	◆
Etidocaine	◆	◆	◆	◆	◆
Halothane	◆	◆	◆	◆	◆
Isoflurane	◆	■	◆	◆	■
Ketamine	◆	◆	◆	◆	◆
Nitrous oxide	◆	◆	◆	◆	◆
Propofol	◆	■	◆	■	■
Remifentanil	◆	◆	◆	◆	◆
Rocuronium	◆	◆	◆	◆	△
Sevoflurane	◆	■	◆	◆	■
Tetracaine	◆	◆	◆	◆	◆
Thiopental	◆	◆	◆	◆	◆
Tizanidine	◆	△	◆	◆	△
Analgesics					
Aceclofenac	◆	◆	◆	◆	◆
Alfentanil	◆	◆	◆	◆	◆
Aspirin	◆	◆	◆	◆	◆
Buprenorphine	◆	◆	◆	◆	◆
Celecoxib	◆	◆	◆	◆	◆
Codeine	◆	◆	◆	◆	◆
Dexketoprofen	◆	◆	◆	◆	◆
Dextropropoxyphene	◆	◆	◆	◆	◆
Diamorphine	◆	◆	◆	◆	◆
Diclofenac	◆	◆	◆	◆	◆
Diflunisal	◆	◆	◆	●	◆
Dihydrocodeine	◆	◆	◆	△	△
Etodolac	◆	◆	◆	◆	◆
Etoricoxib	◆	◆	◆	◆	◆
Fentanyl (Prescribed)	◆	◆	◆	◆	◆
Flurbiprofen	◆	◆	◆	◆	◆
Hydrocodone	◆	◆	◆	◆	◆
Hydromorphone	◆	◆	◆	◆	◆
Ibuprofen	◆	◆	◆	◆	◆
Indometacin	◆	◆	◆	◆	◆
Ketoprofen	◆	◆	◆	◆	◆
Mefenamic acid	◆	◆	◆	●	◆
Meloxicam	◆	◆	◆	◆	◆
Metamizole (Dipyrone)	◆	◆	●	■	■
Methadone	◆	■	◆	◆	■
Morphine	◆	◆	◆	◆	◆
Naproxen	◆	◆	◆	◆	◆
Nefopam	◆	◆	◆	◆	◆
Oxycodone	◆	◆	◆	◆	◆
Paracetamol (Acetaminophen)	◆	◆	◆	△	■
Pethidine (Meperidine)	◆	◆	◆	◆	◆
Piroxicam	◆	◆	◆	◆	◆
Tapentadol	◆	◆	◆	◆	◆
Tramadol	◆	△	◆	◆	△

	Atezo + Bez	LEN	PEM	REG	SOR
Anthelmintics					
Albendazole	◆	◆	◆	◆	◆
Ivermectin	◆	◆	◆	◆	◆
Niclosamide	◆	◆	◆	◆	◆
Oxamniquine	◆	◆	◆	◆	◆
Praziquantel	◆	◆	◆	◆	◆
Pyrantel	◆	◆	◆	◆	◆
Antiarrhythmics					
Amiodarone	◆	■	◆	△	■
Bepridil	◆	■	◆	◆	■
Digoxin	◆	◆	◆	◆	■
Disopyramide	◆	■	◆	◆	■
Dofetilide	◆	■	◆	◆	■
Dronedarone	◆	■	◆	●	■
Flecainide	◆	■	◆	◆	■
Lidocaine (Lignocaine)	◆	◆	◆	◆	◆
Mexiletine	◆	◆	◆	◆	◆
Propafenone	◆	●	◆	◆	●
Quinidine	◆	■	◆	△	■
Vernakalant	◆	■	◆	◆	■
Antibacterials					
Amikacin	◆	◆	◆	◆	◆
Amoxicillin	◆	◆	◆	◆	◆
Ampicillin	◆	◆	◆	◆	◆
Azithromycin	◆	■	◆	◆	■
Aztreonam	◆	◆	◆	◆	◆
Bedaquiline	◆	■	◆	◆	■
Benzylpenicillin	◆	◆	◆	◆	◆
Bezlotoxumab	◆	◆	◆	◆	◆
Capreomycin	◆	◆	◆	◆	◆
Cefaclor	◆	◆	◆	◆	◆
Cefadroxil	◆	◆	◆	◆	◆
Cefalexin	◆	◆	◆	◆	◆
Cefazolin	◆	◆	◆	◆	◆
Cefixime	◆	◆	◆	◆	◆
Cefotaxime	◆	◆	◆	◆	◆
Cefradine	◆	◆	◆	◆	◆
Ceftaroline	◆	◆	◆	◆	◆
Ceftazidime	◆	◆	◆	◆	◆
Ceftriaxone	◆	◆	◆	◆	◆
Cefuroxime	◆	◆	◆	◆	◆
Chloramphenicol	◆	◆	◆	■	△
Ciprofloxacin	◆	■	◆	●	■
Clarithromycin	◆	■	◆	●	■
Clavulanic acid	◆	◆	◆	◆	◆
Clindamycin	◆	◆	◆	△	◆

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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

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

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	Atezo + Bez	LEN	PEM	REG	SOR
Antibacterials continued					
Clofazimine	◆	◆	◆	●	◆
Cloxacillin	◆	◆	◆	◆	◆
Cycloserine	◆	◆	◆	◆	◆
Dapsone	◆	◆	◆	◆	◆
Daptomycin	◆	◆	◆	◆	◆
Delamanid	◆	■	◆	◆	■
Ertapenem	◆	◆	◆	◆	◆
Erythromycin	◆	■	◆	●	■
Ethambutol	◆	◆	◆	◆	◆
Flucloxacillin	◆	◆	◆	△	△
Fosfomycin	◆	◆	◆	◆	◆
Gatifloxacin (topical)	◆	◆	◆	◆	◆
Gentamicin	◆	◆	◆	◆	◆
Imipenem	◆	◆	◆	◆	◆
Isoniazid	◆	◆	◆	◆	◆
Levofloxacin	◆	■	◆	◆	■
Linezolid	◆	◆	◆	△	◆
Lymecycline	◆	◆	◆	◆	◆
Meropenem	◆	◆	◆	◆	◆
Methenamine	◆	◆	◆	◆	◆
Metronidazole	◆	◆	◆	△	◆
Minocycline	◆	◆	◆	◆	◆
Moxifloxacin	◆	●	◆	■	●
Nitrofurantoin	◆	◆	◆	◆	◆
Norfloxacin	◆	◆	◆	◆	◆
Ofloxacin	◆	■	◆	◆	■
Penicillin V	◆	◆	◆	◆	◆
Piperacillin	◆	◆	◆	◆	◆
Pivmecillinam	◆	◆	◆	◆	◆
Pretomanid	△	■	△	△	■
Pyrazinamide	◆	◆	◆	◆	◆
Rifabutin	◆	◆	◆	●	●
Rifampicin	◆	◆	◆	●	●
Rifapentine	◆	◆	◆	●	●
Rifaximin	◆	◆	◆	△	△
Spectinomycin	◆	◆	◆	◆	◆
Streptomycin	◆	◆	◆	◆	◆
Sulfadiazine	◆	◆	◆	◆	◆
Tazobactam	◆	◆	◆	◆	◆
Telithromycin	◆	■	◆	●	■
Temocillin	◆	◆	◆	◆	◆
Tetracyclines	◆	◆	◆	◆	◆
Ticarcillin	◆	◆	◆	◆	◆
Tobramycin	◆	◆	◆	◆	◆
Trimethoprim/Sulfamethoxazole	◆	◆	◆	◆	◆
Troleandomycin	◆	◆	◆	●	◆
Vancomycin	◆	◆	◆	■	◆
Anticoagulant, Anti-platelet and Fibrinolytic					
Abciximab	△	△	◆	△	△
Acenocoumarol	■	◆	◆	■	■
Anagrelide	◆	◆	◆	■	◆
Apixaban	■	◆	◆	■	△
Caplacizumab	◆	◆	◆	◆	◆
Clopidogrel	◆	◆	◆	■	◆
Dabigatran	■	◆	◆	■	△
Dalteparin	■	◆	◆	■	◆
Danaparoid	■	◆	◆	■	◆
Dipyridamole	◆	◆	◆	■	△
Edoxaban	■	◆	◆	■	△
Enoxaparin	■	◆	◆	■	◆
Fluindione	■	◆	◆	■	■
Fondaparinux	■	◆	◆	■	◆
Heparin	■	◆	◆	■	◆
Natalizumab	△	△	◆	△	◆
Phenprocoumon	■	◆	◆	■	■
Prasugrel	◆	◆	◆	■	◆
Rivaroxaban	■	◆	◆	■	△
Streptokinase	◆	◆	◆	■	◆
Ticagrelor	◆	◆	◆	■	△
Ticlopidine	◆	◆	◆	■	◆
Tinzaparin	■	◆	◆	■	◆
Warfarin	■	■	◆	■	■

	Atezo + Bez	LEN	PEM	REG	SOR
Anticonvulsants					
Brivaracetam	◆	◆	◆	◆	◆
Carbamazepine	◆	◆	◆	●	●
Clonazepam	◆	◆	◆	◆	◆
Eslicarbazepine	◆	◆	◆	●	●
Ethosuximide	◆	◆	◆	◆	◆
Gabapentin	◆	◆	◆	◆	◆
Lacosamide	◆	◆	◆	◆	◆
Lamotrigine	◆	◆	◆	◆	◆
Levetiracetam	◆	◆	◆	◆	◆
Oxcarbazepine	◆	◆	◆	●	●
Ethosuximide	◆	◆	◆	◆	◆
Perampanel	◆	◆	◆	◆	◆
Phenobarbital	◆	◆	◆	●	●
Phenytoin	◆	◆	◆	●	●
Pregabalin	◆	◆	◆	◆	◆
Primidone	◆	◆	◆	●	●
Retigabine	◆	◆	◆	◆	◆
Rufinamide	◆	◆	◆	◆	◆
Sultiame	◆	◆	◆	◆	◆
Tiagabine	◆	◆	◆	◆	◆
Topiramate	◆	◆	◆	◆	◆
Valproic acid (Divalproex)	◆	◆	◆	■	△
Vigabatrin	◆	◆	◆	◆	◆
Zonisamide	◆	◆	◆	◆	◆
Antidepressants					
Agomelatine	◆	◆	◆	◆	◆
Amitriptyline	◆	■	◆	◆	■
Bupropion	◆	◆	◆	◆	◆
Citalopram	◆	■	◆	◆	■
Clomipramine	◆	■	◆	◆	■
Desipramine	◆	■	◆	◆	■
Desvenlafaxine	◆	◆	◆	◆	◆
Dosulepin	◆	■	◆	◆	■
Doxepin	◆	△	◆	◆	△
Duloxetine	◆	◆	◆	◆	◆
Escitalopram	◆	■	◆	◆	■
Fluoxetine	◆	■	◆	◆	■
Fluvoxamine	◆	△	◆	●	△
Imipramine	◆	■	◆	◆	■
Lithium	◆	■	◆	◆	■
Maprotiline	◆	■	◆	◆	■
Mianserin	◆	■	◆	◆	■
Milnacipran	◆	◆	◆	◆	◆
Mirtazapine	◆	■	◆	◆	■
Moclobemide	◆	●	◆	◆	●
Nefazodone	◆	◆	◆	●	◆
Nortriptyline	◆	■	◆	◆	■
Opipramol	◆	■	△	◆	■
Paroxetine	◆	△	◆	◆	△
Phenelzine	●	●	●	●	●
Reboxetine	◆	◆	◆	◆	◆
Sertraline	◆	■	◆	◆	■
Tianeptine	◆	◆	◆	◆	◆
Trazodone	◆	■	◆	◆	■
Trimipramine	◆	■	◆	◆	■
Venlafaxine	◆	●	◆	◆	●
Vortioxetine	◆	◆	◆	◆	◆

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Antidiabetics					
Acarbose	◆	◆	◆	◆	◆
Albiglutide	◆	◆	◆	◆	△
Alogliptin	◆	◆	◆	◆	△
Canagliflozin	◆	◆	◆	■	■
Dapagliflozin	◆	◆	◆	■	■
Dulaglutide	◆	◆	◆	◆	△
Empagliflozin	◆	◆	◆	■	■
Exenatide	◆	◆	◆	◆	△
Glibenclamide (Glyburide)	◆	◆	◆	◆	△
Gliclazide	◆	◆	◆	◆	△
Glimepiride	◆	◆	◆	◆	△
Glipizide	◆	◆	◆	◆	△
Insulin	◆	◆	◆	◆	◆
Linagliptin	◆	◆	◆	△	△
Liraglutide	◆	◆	◆	◆	△
Lixisenatide	◆	◆	◆	◆	△
Metformin	◆	◆	◆	◆	△
Nateglinide	◆	◆	◆	◆	△
Pioglitazone	◆	◆	◆	◆	△
Repaglinide	◆	◆	◆	◆	△
Rosiglitazone	◆	◆	◆	◆	△
Saxagliptin	◆	◆	◆	◆	△
Semaglutide	◆	◆	◆	◆	△
Sitagliptin	◆	◆	◆	◆	△
Tirzepatide	◆	◆	◆	◆	△
Tolbutamide	◆	◆	◆	◆	△
Vildagliptin	◆	◆	◆	◆	△
Antifungals					
Amphotericin B	◆	△	△	△	■
Anidulafungin	◆	◆	◆	◆	◆
Caspofungin	◆	◆	◆	◆	◆
Clotrimazole (pessary)	◆	◆	◆	◆	◆
Clotrimazole (topical)	◆	◆	◆	◆	◆
Fluconazole	◆	■	◆	●	■
Flucytosine	◆	△	△	△	△
Griseofulvin	◆	◆	◆	◆	◆
Isavuconazole	◆	◆	◆	●	◆
Itraconazole	◆	■	◆	●	■
Ketoconazole	◆	■	◆	●	■
Miconazole	◆	◆	◆	◆	◆
Nystatin	◆	◆	◆	◆	◆
Posaconazole	◆	■	◆	●	■
Terbinafine	◆	◆	◆	◆	◆
Voriconazole	◆	■	◆	●	■
Antihaemorrhagics					
Avatrombopag	△	◆	◆	◆	◆
Eltrombopag	◆	◆	◆	■	△
Tranexamic acid	◆	◆	◆	◆	◆
Antihistamines					
Astemizole	◆	■	◆	◆	■
Bilastine	◆	■	◆	◆	■
Cetirizine	◆	◆	◆	◆	◆
Chlorphenamine	◆	◆	◆	◆	◆
Clemastine	◆	◆	◆	◆	◆
Desloratadine	◆	◆	◆	◆	◆
Diphenhydramine	◆	△	◆	◆	△
Doxylamine	◆	◆	◆	◆	◆
Ebastine	◆	◆	◆	◆	◆
Fexofenadine	◆	◆	◆	◆	△
Hydroxyzine	◆	●	◆	◆	●
Levocetirizine	◆	◆	◆	◆	◆
Loratadine	◆	◆	◆	◆	◆
Promethazine	◆	■	◆	◆	■
Terfenadine	◆	●	◆	◆	●

	Atezo + Bez	LEN	PEM	REG	SOR
Antimigraine Agents					
Almotriptan	◆	◆	◆	◆	◆
Dihydroergotamine	◆	◆	◆	◆	◆
Eletriptan	◆	◆	◆	◆	◆
Eptinezumab	◆	◆	◆	◆	◆
Erenumab	◆	◆	◆	◆	◆
Ergotamine	◆	◆	◆	◆	◆
Fremanezumab	◆	◆	◆	◆	◆
Frovatriptan	◆	◆	◆	◆	◆
Galcanezumab	◆	◆	◆	◆	◆
Methylergonovine	◆	◆	◆	◆	◆
Naratriptan	◆	◆	◆	◆	◆
Pizotifen	◆	◆	◆	◆	◆
Rizatriptan	◆	◆	◆	◆	◆
Sumatriptan	◆	◆	◆	◆	◆
Zolmitriptan	◆	◆	◆	◆	◆
Antiprotozoals					
Amodiaquine	◆	◆	◆	◆	◆
Artemether	◆	◆	◆	◆	◆
Artesunate	◆	◆	◆	◆	◆
Atovaquone	◆	◆	■	◆	◆
Chloroquine	◆	■	◆	◆	■
Dihydroartemisinin	◆	◆	◆	◆	◆
Doxycycline	◆	◆	◆	◆	◆
Halofantrine	◆	■	◆	◆	■
Hydroxychloroquine	◆	■	◆	◆	■
Lumefantrine	◆	◆	◆	◆	◆
Mefloquine	◆	■	◆	◆	■
Nitazoxanide	◆	◆	◆	◆	◆
Pentamidine	◆	■	◆	◆	■
Piperaquine	◆	●	◆	■	●
Primaquine	◆	■	◆	◆	■
Proguanil	◆	◆	◆	◆	◆
Pyrimethamine	◆	◆	◆	◆	◆
Quinine	◆	■	◆	◆	■
Sodium stibogluconate	◆	■	◆	◆	■
Sulfadoxine	◆	◆	◆	◆	◆
Antipsychotics/neuroleptics					
Amisulpride	◆	■	◆	◆	■
Aripiprazole	◆	■	◆	◆	■
Asenapine	◆	■	◆	◆	■
Brexpiprazole	△	△	△	△	△
Cariprazine	◆	△	△	△	△
Chlorpromazine	◆	■	◆	◆	■
Chlorprothixene	◆	■	◆	◆	■
Clozapine	◆	■	△	△	■
Flupentixol	◆	●	◆	◆	●
Fluphenazine	◆	●	◆	◆	●
Haloperidol	◆	●	◆	◆	●
Iloperidone	◆	●	◆	◆	●
Levomepromazine	◆	■	◆	◆	■
Loxapine	◆	◆	◆	◆	◆
Lurasidone	◆	■	◆	△	■
Melperone	△	■	△	△	■
Olanzapine	◆	■	◆	◆	■
Paliperidone	◆	■	◆	◆	■
Perazine	◆	△	◆	◆	△
Periciazine	◆	■	◆	◆	■
Perphenazine	◆	■	◆	◆	■
Pimozide	◆	●	◆	◆	●
Pipotiazine	◆	■	◆	◆	■
Prochlorperazine	◆	■	◆	◆	■
Promazine	◆	■	△	△	■
Quetiapine	◆	■	◆	◆	■
Risperidone	◆	■	◆	◆	■
Sulpiride	◆	■	◆	◆	■
Tiapride	◆	■	◆	◆	■
Trifluoperazine	◆	△	◆	◆	△
Ziprasidone	◆	●	◆	◆	●
Zuclopentixol	◆	●	◆	◆	●

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	Atezo + Bez	LEN	PEM	REG	SOR
Antivirals					
Aciclovir	◆	◆	◆	◆	◆
Amantadine	◆	△	◆	◆	△
Ansuvimab	◆	◆	◆	◆	◆
Brincidofovir	◆	△	△	◆	◆
Brivudine	△	◆	◆	◆	◆
Cidofovir	◆	△	△	◆	◆
Favipiravir	◆	◆	◆	◆	◆
Foscarnet	◆	■	◆	◆	■
Molnupiravir	◆	◆	◆	◆	◆
Letermovir	△	△	△	■	△
Nirmatrelvir/ritonavir	◆	◆	◆	●	■
Oseltamivir	◆	◆	◆	◆	◆
Palivizumab	◆	◆	◆	◆	◆
Remdesivir	◆	△	◆	◆	△
Rimantadine	◆	◆	◆	◆	◆
Sotrovimab	◆	◆	◆	◆	◆
Tecovirimat	◆	◆	◆	△	△
Tixagevimab/cilgavimab	◆	◆	◆	◆	◆
Valaciclovir	◆	◆	◆	◆	◆
Zanamivir	◆	◆	◆	◆	◆
Anxiolytics/Hypnotics/Sedatives					
Alprazolam	◆	◆	◆	◆	◆
Amobarbital	◆	◆	◆	●	●
Bromazepam	◆	◆	◆	◆	◆
Bromperidol	◆	■	◆	◆	●
Buspirone	◆	◆	◆	◆	◆
Chlordiazepoxide	◆	◆	◆	◆	◆
Clobazam	◆	◆	◆	◆	◆
Clorazepate	◆	◆	◆	◆	◆
Clotiapine	◆	■	◆	◆	■
Daridorexant	◆	◆	◆	△	◆
Diazepam	◆	◆	◆	◆	◆
Estazolam	◆	◆	◆	◆	◆
Flurazepam	◆	◆	◆	◆	◆
Lemborexant	◆	◆	◆	◆	◆
Lorazepam	◆	◆	◆	◆	◆
Lormetazepam	◆	◆	◆	◆	◆
Nitrazepam	◆	◆	◆	◆	◆
Midazolam (oral)	◆	◆	◆	◆	◆
Midazolam (parenteral)	◆	◆	◆	◆	◆
Oxazepam	◆	◆	◆	◆	◆
Quazepam	◆	◆	◆	◆	◆
Temazepam	◆	◆	◆	◆	◆
Triazolam	◆	◆	◆	◆	◆
Zaleplon	◆	◆	◆	◆	◆
Zolpidem	◆	◆	◆	◆	◆
Zopiclone	◆	◆	◆	◆	◆
Beta Blockers					
Atenolol	◆	△	◆	△	◆
Bisoprolol	◆	△	◆	△	△
Carvedilol	◆	△	◆	■	△
Celiprolol	◆	△	◆	△	◆
Labetalol	◆	△	◆	△	△
Metoprolol	◆	△	◆	△	◆
Nebivolol	◆	△	◆	△	◆
Oxprenolol	◆	△	◆	■	◆
Pindolol	◆	△	◆	△	◆
Propranolol	◆	△	◆	△	△
Sotalol	◆	■	◆	△	■
Timolol	◆	△	◆	△	◆
Bisphosphonates					
Alendronic acid	△	△	◆	◆	△
Clodronate	△	△	◆	◆	△
Ibandronic acid	△	△	◆	◆	△
Pamidronate	■	■	◆	◆	△
Risedronate	△	△	◆	◆	△
Zoledronic acid	■	■	◆	◆	△

	Atezo + Bez	LEN	PEM	REG	SOR
Bronchodilators					
Aclidinium bromide	◆	◆	◆	◆	◆
Aminophylline	◆	◆	◆	◆	◆
Formoterol	◆	◆	◆	◆	◆
Indacaterol	◆	◆	◆	◆	◆
Ipratropium bromide	◆	◆	◆	◆	◆
Montelukast	◆	◆	◆	◆	◆
Omalizumab	◆	◆	◆	◆	◆
Reslizumab	◆	◆	◆	◆	◆
Salbutamol	◆	◆	◆	◆	◆
Salmeterol	◆	◆	◆	◆	◆
Theophylline	◆	◆	◆	◆	◆
Tiotropium	◆	◆	◆	◆	◆
Vilanterol	◆	◆	◆	◆	◆
Umeclidinium bromide	◆	◆	◆	◆	◆
Calcium Channel Blockers					
Amlodipine	◆	△	◆	△	◆
Diltiazem	◆	△	◆	△	◆
Felodipine	◆	△	◆	△	△
Nicardipine	◆	△	◆	△	△
Nifedipine	◆	△	◆	△	◆
Nisoldipine	◆	△	◆	△	◆
Nitrendipine	◆	△	◆	△	◆
Verapamil	◆	△	◆	△	◆

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Cancer Therapies	Atezo + Bez	LEN	PEM	REG	SOR
Abiraterone	△	■	◆	◆	■
Acalabrutinib	◆	◆	△	△	△
Afatinib	◆	◆	◆	■	■
Alectinib	△	◆	△	△	△
Alpelisib	△	△	△	■	△
Amivantamab	◆	◆	◆	◆	◆
Anastrozole	◆	◆	◆	◆	◆
Apalutamide	◆	■	◆	●	●
Asciminib	△	■	△	■	■
Asparaginase	◆	◆	◆	◆	◆
Atezolizumab	●	△	△	△	△
Avapritinib	△	■	△	△	■
Avelumab	◆	◆	◆	◆	◆
Axitinib	△	◆	■	◆	◆
Azacitidine	△	△	△	△	△
Belantamab mafodotin	△	△	△	△	△
Bendamustine	△	■	△	△	■
Bevacizumab	●	◆	■	△	◆
Bexarotene	△	△	△	■	■
Bicalutamide	◆	■	◆	△	■
Binimetinib	△	◆	△	△	△
Blinatumomab	◆	◆	■	△	◆
Bortezomib	△	■	■	◆	■
Bosutinib	△	■	■	△	■
Brentuximab vedotin	△	△	△	△	◆
Brigatinib	△	△	△	■	△
Cabozantinib	△	■	△	△	■
Capecitabine	△	■	■	◆	■
Capmatinib	◆	◆	◆	◆	◆
Carboplatin	△	◆	■	△	■
Carfilzomib	◆	■	△	△	■
Cedazuridine	◆	◆	◆	◆	◆
Ceritinib	△	■	△	●	■
Cetuximab	△	◆	◆	◆	◆
Chlorambucil	△	◆	■	△	◆
Cisplatin	△	◆	■	△	■
Cladribine (IV)	△	△	△	△	△
Cobimetinib	△	■	△	△	■
Crizotinib	△	■	△	■	■
Cyclophosphamide	△	◆	△	△	◆
Cytarabine	△	△	△	△	△
Dabrafenib	△	■	△	●	●
Daratumumab	◆	◆	■	△	◆
Dasatinib	△	■	■	◆	■
Decitabine	△	△	△	△	△
Dinutuximab beta	△	△	△	△	◆
Docetaxel	△	△	△	△	△
Dostarlimab	◆	◆	△	△	◆
Doxorubicin	◆	△	■	△	■
Durvalumab	△	△	△	△	◆
Elotuzumab	◆	△	◆	◆	△
Elranatamab	△	△	△	△	△
Encorafenib	△	■	△	●	●
Enfortumab vedotin	◆	■	◆	■	■
Enzalutamide	◆	■	◆	●	●
Epcoritamab	△	△	△	△	◆
Epirubicin	△	■	△	△	■
Erlotinib	◆	◆	◆	◆	◆
Estramustine	△	◆	◆	◆	◆
Etoposide	△	◆	■	■	■
Everolimus	◆	△	●	△	■
Exemestane	△	◆	◆	◆	◆
Fludarabine	△	△	■	△	◆
Fluorouracil (5-FU)	△	■	△	△	△
Garadacimab	◆	◆	◆	◆	◆
Gefitinib	△	◆	◆	■	◆
Gemcitabine	△	◆	■	△	◆
Gemtuzumab ozogamicin	△	△	△	△	△
Glofitamab	△	△	△	△	◆
Hydroxyurea (Hydroxycarbamide)	△	△	△	△	△
Ibrutinib	△	△	△	△	◆
Idarubicin	△	◆	■	△	◆
Idelalisib	△	△	△	●	◆
Imatinib	△	■	■	■	■
Inotuzumab ozogamicin	△	■	△	△	■
Ipilimumab	△	◆	■	△	◆
Irinotecan	△	◆	■	■	■
Isatuximab	◆	△	◆	◆	◆
Ixazomib	◆	◆	■	△	◆
Lapatinib	◆	■	◆	◆	■

Cancer Therapies continued	Atezo + Bez	LEN	PEM	REG	SOR
Letrozole	△	◆	◆	◆	◆
Loncastuximab tesirine	△	△	△	△	△
Medroxyprogesterone (oncology)	◆	◆	◆	◆	◆
Mercaptopurine	◆	◆	■	△	◆
Mesna	△	◆	◆	◆	◆
Methotrexate	△	◆	■	■	■
Mitoxantrone	◆	◆	■	■	◆
Mogamulizumab	◆	◆	◆	◆	◆
Nilotinib	△	■	◆	■	■
Niraparib	△	◆	■	△	◆
Nivolumab	◆	◆	■	◆	◆
Obinutuzumab	△	◆	◆	◆	◆
Ofatumumab	△	◆	■	△	◆
Olaparib	△	△	△	△	△
Olaratumab	△	◆	■	◆	◆
Osimertinib	△	■	△	△	■
Oxaliplatin	△	■	■	△	■
Paclitaxel	△	△	■	△	■
Panitumumab	△	◆	◆	◆	◆
Panobinostat	△	●	△	△	●
Pertuzumab	◆	△	△	△	◆
Polatuzumab vedotin	△	△	△	△	△
Pomalidomide	■	■	■	■	△
Ponatinib	■	■	■	■	△
Ramucirumab	△	△	◆	△	◆
Retifanlimab	△	△	△	△	△
Ribociclib	△	●	△	●	●
Rituximab	△	◆	■	△	◆
Rucaparib	■	■	△	■	■
Ruxolitinib	△	△	△	△	△
Sacituzumab govitecan	△	△	△	●	●
Selpercatinib	◆	△	◆	△	●
Sotorasib	△	◆	△	●	■
Sunitinib	■	■	■	△	■
Talazoparib	△	△	△	■	△
Tamoxifen	◆	△	◆	◆	△
Tegafur/Gimeracil/Oteracil	△	△	△	△	△
Temsirolimus	△	◆	●	◆	◆
Tepotinib	◆	■	◆	◆	■
Thioguanine	△	△	△	△	△
Tisotumab vedotin	△	△	△	△	△
Tivozanib	■	■	△	△	■
Topotecan (IV)	△	△	△	△	△
Topotecan (oral)	△	△	△	■	■
Trametinib	◆	◆	◆	◆	◆
Trastuzumab	△	△	△	△	◆
Trastuzumab deruxtecan	△	△	△	△	△
Trastuzumab emtansine	△	△	△	△	◆
Tremelimumab	◆	◆	◆	◆	◆
Trifluridine/tipiracil	△	△	△	△	△
Vemurafenib	△	■	△	●	■
Venetoclax	△	◆	△	△	■
Vinblastine	△	◆	■	△	◆
Vincristine	△	◆	■	△	◆
Vinorelbine	◆	◆	■	◆	△
Zolbetuximab	◆	◆	◆	◆	◆

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Contraceptives					
Conjugated estrogens (HRT)	◆	◆	◆	◆	◆
Desogestrel (POP)	◆	■	◆	◆	◆
Desogestrel/ethinyl-estradiol (COC) (>20 µg)	◆	■	◆	◆	◆
Desogestrel/ethinyl-estradiol (COC) (≤20 µg)	◆	■	◆	◆	◆
Dienogest	◆	◆	◆	◆	◆
Dienogest/estradiol valerate (COC)	◆	■	◆	◆	◆
Drospirenone (POP)	◆	■	◆	◆	◆
Drospirenone/estradiol (HRT)	◆	◆	◆	◆	◆
Drospirenone/ethinyl-estradiol (COC) (>20 µg)	◆	■	◆	◆	◆
Drospirenone/ethinyl-estradiol (COC) (≤20 µg)	◆	■	◆	◆	◆
Dydrogesterone/estradiol (HRT)	◆	◆	◆	◆	◆
Estradiol	◆	■	◆	◆	◆
Ethinylestradiol (>20 µg)	◆	■	◆	◆	◆
Ethinylestradiol (≤20 µg)	◆	■	◆	◆	◆
Etonogestrel (implant)	◆	■	◆	◆	◆
Etonogestrel (vaginal ring)	◆	■	◆	◆	◆
Gestodene/ethinylestradiol (COC) (>20 µg)	◆	■	◆	◆	◆
Gestodene/ethinylestradiol (COC) (≤20 µg)	◆	■	◆	◆	◆
Levonorgestrel (Emergency Contraception)	◆	■	◆	◆	◆
Levonorgestrel (HRT)	◆	◆	◆	◆	◆
Levonorgestrel (implant)	◆	■	◆	◆	◆
Levonorgestrel (IUD)	◆	■	◆	◆	◆
Levonorgestrel (POP)	◆	■	◆	◆	◆
Levonorgestrel/ethinyl-estradiol (COC) (>20 µg)	◆	■	◆	◆	◆
Levonorgestrel/ethinyl-estradiol (COC) (>20 µg)	◆	■	◆	◆	◆
Medroxyprogesterone (depot)	◆	■	◆	◆	◆
Medroxyprogesterone (oral)	◆	■	◆	◆	◆
Medroxyprogesterone/ conjugated estrogens (HRT)	◆	◆	◆	◆	◆
Medroxyprogesterone/estradiol (HRT)	◆	◆	◆	◆	◆
Micronized progesterone (HRT)	◆	◆	◆	◆	◆
Norelgestromin/ ethinylestradiol (patch)	◆	■	◆	◆	◆
Norethisterone (Norethindrone) (depot injection)	◆	■	◆	◆	◆
Norethisterone (Norethindrone) (POP)	◆	■	◆	◆	◆
Norethisterone (Norethindrone)/estradiol (HRT)	◆	◆	◆	◆	◆
Norethisterone (Norethindrone)/ethinylestradiol (COC)	◆	■	◆	◆	◆
Norethisterone (Norethindrone)/mestranol (COC)	◆	■	◆	◆	◆
Norgestimate/ ethinylestradiol (COC)	◆	■	◆	◆	◆
Norgestrel/conjugated estrogens (HRT)	◆	◆	◆	◆	◆
Norgestrel/ethinylestradiol (COC)	◆	■	◆	◆	◆
Testosterone	◆	◆	◆	◆	◆
Erectile Dysfunction Agents					
Sildenafil	◆	◆	◆	◆	◆
Tadalafil	◆	◆	◆	◆	◆
Vardenafil	◆	◆	◆	◆	◆
Yohimbine	◆	◆	◆	◆	◆

	Atezo + Bez	LEN	PEM	REG	SOR
Gastrointestinal Agents					
Aluminium hydroxide	◆	◆	◆	◆	◆
Alverine citrate	◆	◆	◆	◆	◆
Antacids	◆	◆	◆	◆	◆
Aprepitant	◆	◆	◆	■	◆
Bisacodyl	◆	◆	◆	◆	◆
Bismuth subsalicylate	◆	◆	◆	◆	◆
Cimetidine	◆	◆	◆	△	◆
Cisapride	◆	■	◆	◆	■
Cyclizine	◆	◆	◆	◆	◆
Dantron	◆	◆	◆	◆	◆
Docusate sodium	◆	◆	◆	◆	◆
Domperidone	◆	●	◆	◆	●
Droperidol	◆	●	◆	◆	●
Esomeprazole	◆	◆	◆	◆	◆
Famotidine	◆	△	◆	◆	△
Granisetron	◆	■	◆	◆	■
Hyoscine (Scopolamine)	◆	◆	◆	◆	◆
Hyoscine butylbromide	◆	◆	◆	◆	◆
Hyoscine hydrobromide (Scopolamine hydrobromide)	◆	◆	◆	◆	◆
Ispaghula husk	◆	◆	◆	◆	◆
Lactulose	◆	◆	◆	◆	◆
Lafutidine	◆	◆	◆	△	◆
Lansoprazole	◆	◆	◆	◆	◆
Linaclotide	◆	◆	◆	◆	◆
Loperamide	◆	◆	◆	◆	◆
Lubiprostone	◆	◆	◆	◆	◆
Macrogol	◆	△	◆	△	△
Mebeverine	◆	◆	◆	◆	◆
Mesalazine	◆	◆	◆	◆	◆
Methylcellulose	◆	◆	◆	◆	◆
Metoclopramide	◆	■	◆	◆	■
Naldemedine	◆	◆	◆	◆	◆
Naloxegol	◆	◆	◆	◆	◆
Nizatidine	◆	◆	◆	◆	◆
Omeprazole	◆	◆	◆	◆	◆
Ondansetron	◆	■	◆	◆	■
Pantoprazole	◆	◆	◆	◆	◆
Prucalopride	◆	◆	◆	◆	◆
Rabeprazole	◆	◆	◆	◆	◆
Ranitidine	◆	◆	◆	◆	◆
Roxatidine	◆	◆	◆	◆	◆
Senna	◆	◆	◆	◆	◆
Simeticone	◆	◆	◆	◆	◆
Sulfasalazine	◆	◆	◆	●	△
Trimebutine	◆	◆	◆	◆	◆
Vonoprazan	◆	◆	◆	◆	◆
HCC Therapies					
Atezolizumab + bevacizumab		△	△	△	△
Lenvatinib	△		△	△	△
Pembrolizumab	△	△		△	△
Regorafenib	△	△	△		■
Sorafenib	△	△	△	■	
Hepatitis B Drugs					
Adefovir	◆	◆	◆	◆	◆
Entecavir	◆	◆	◆	◆	◆
Lamivudine	◆	◆	◆	◆	◆
Peginterferon alfa-2a	■	△	△	△	△
Peginterferon alfa-2b	■	△	△	△	△
Ribavirin	◆	△	■	△	△
Telbivudine	■	◆	◆	◆	◆
Tenofovir alafenamide (TAF)	◆	◆	◆	◆	△
Tenofovir-DF	◆	◆	◆	◆	△
Hepatitis C Drugs					
Daclatasvir	◆	◆	◆	◆	◆
Elbasvir/Grazoprevir	◆	◆	◆	△	■
Glecaprevir/Pibrentasvir	◆	◆	◆	△	◆
Ledipasvir/Sofosbuvir	◆	◆	◆	■	◆
OBV/PTV/r	◆	◆	◆	●	■
OBV/PTV/r + Dasabuvir	◆	◆	◆	●	■
Ravidasvir	◆	◆	◆	■	◆
Ribavirin	◆	△	■	△	△
Sofosbuvir (SOF)	◆	◆	◆	◆	◆
SOF/Velpatasvir	◆	◆	◆	■	◆
SOF/Velpatasvir/Voxilaprevir	◆	◆	◆	■	◆
Hepatitis D Entry Inhibitor					
Bulevirtide	◆	◆	◆	◆	◆

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	Atezo + Bez	LEN	PEM	REG	SOR
Herbals/Supplements/Vitamins					
Aloe vera	◆	◆	◆	◆	◆
Ascorbic acid (Vitamin C)	◆	◆	◆	◆	◆
Ashwagandha (Withania somnifera)	◆	◆	◆	◆	◆
Black cohosh (*A. racemosa*)	◆	◆	◆	◆	◆
Calcium carbonate	◆	◆	◆	◆	◆
Cat's claw (*U. tomentosa*)	◆	◆	◆	●	◆
Choline alfoscerate	◆	◆	◆	◆	◆
Colecalciferol (Vitamin D3)	◆	◆	◆	◆	◆
Cyanocobalamin (B12)	◆	◆	◆	◆	◆
Diosmin	◆	◆	◆	△	◆
Echinacea	◆	◆	◆	△	◆
Enteral feeds	◆	◆	◆	◆	◆
Eucalyptus globulus	◆	◆	◆	■	◆
Ferrous sulfate	◆	◆	◆	◆	◆
Folic acid	◆	◆	◆	◆	◆
Garlic	◆	◆	◆	△	△
Ginger (*Z. officinale*)	◆	◆	◆	■	◆
Ginkgo biloba	◆	◆	◆	◆	◆
Ginseng	◆	◆	◆	◆	◆
Goldenseal (*H. canadensis*)	◆	◆	◆	■	◆
Grape seed extract	◆	◆	◆	■	◆
Grapefruit juice	◆	◆	◆	●	◆
Green tea (*C. sinensis*)	◆	◆	◆	△	◆
Homeopathic remedies	◆	◆	◆	◆	◆
Hydroxocobalamin (Vitamin B12)	◆	◆	◆	◆	◆
Inula racemosa	◆	◆	◆	■	◆
Iodine	◆	◆	◆	◆	◆
Kava kava (*P. methysticum*)	◆	◆	◆	■	◆
L-lysine	◆	◆	◆	◆	◆
Menthol	◆	◆	◆	■	◆
Milk thistle	◆	◆	◆	◆	◆
Mucuna pruriens	◆	◆	◆	◆	◆
Niacin (Vitamin B3)	◆	◆	◆	△	◆
Oral nutritional supplements	◆	◆	◆	◆	◆
Oregano oil	◆	◆	◆	△	◆
Pyridoxine (Vitamin B6)	◆	◆	◆	◆	◆
Retinol (Vitamin A)	◆	◆	◆	◆	◆
Riboflavin (Vitamin B2)	◆	◆	◆	◆	◆
Saw palmetto (*S. repens*)	◆	◆	◆	◆	◆
St John's wort	◆	◆	◆	●	●
Thiamine (Vitamin B1)	◆	◆	◆	◆	◆
Turmeric (curcumin)	◆	◆	◆	△	◆
Valerian	◆	◆	◆	◆	◆
Vitamin E	◆	◆	◆	◆	◆
Zinc	◆	◆	◆	◆	◆
HIV Drugs					
Entry/Integrase Inhibitors					
Albuvirtide	◆	◆	◆	◆	◆
Bictegravir/FTC/TAF	◆	◆	◆	◆	△
Cabotegravir (oral)	◆	◆	◆	◆	◆
Cabotegravir/rilpivirine (LA)	◆	△	◆	◆	△
Dolutegravir	◆	◆	◆	◆	◆
Dolutegravir/3TC	◆	◆	◆	◆	◆
Dolutegravir/ABC/3TC	◆	◆	◆	◆	◆
Dolutegravir/rilpivirine	◆	△	◆	△	△
Elvitegravir/cobi /FTC/TAF	◆	◆	◆	●	△
Elvitegravir/cobi/FTC/TDF	◆	◆	◆	●	△
Enfuvirtide	◆	◆	◆	◆	◆
Fostemsavir	◆	△	◆	◆	△
Ibalizumab-uiyk	◆	◆	◆	◆	◆
Lenacapavir	◆	◆	◆	●	△
Maraviroc	◆	◆	◆	◆	◆
Raltegravir	◆	◆	◆	△	◆
NNRTIs					
Dapivirine	◆	◆	◆	◆	◆
Doravirine	◆	◆	◆	◆	◆
Doravirine/3TC/TDF	◆	◆	◆	◆	△
Efavirenz	◆	■	◆	●	●
Etravirine	◆	◆	◆	●	●
Nevirapine	◆	◆	◆	●	●
Rilpivirine	◆	△	◆	◆	△
Rilpivirine/FTC/TAF	◆	△	◆	◆	△

	Atezo + Bez	LEN	PEM	REG	SOR
HIV Drugs continued					
NRTIs					
Abacavir	◆	◆	◆	◆	◆
Didanosine	◆	◆	◆	◆	◆
Emtricitabine (FTC)	◆	◆	◆	◆	◆
Emtricitabine + TAF	◆	◆	◆	◆	△
Emtricitabine + TDF	◆	◆	◆	◆	△
Lamivudine	◆	◆	◆	◆	◆
Stavudine	◆	◆	◆	◆	◆
Tenofovir-DF	◆	◆	◆	◆	△
Zidovudine	△	△	◆	△	△
Protease Inhibitors					
Atazanavir alone	◆	■	◆	●	■
Atazanavir/cobicistat	◆	■	◆	●	■
Atazanavir + ritonavir	◆	■	◆	●	■
Darunavir/cobicistat	◆	◆	◆	●	◆
Darunavir/cobi/FTC/TAF	◆	◆	◆	●	◆
Darunavir + ritonavir	◆	◆	◆	●	■
Fosamprenavir	◆	◆	◆	●	■
Indinavir	◆	◆	◆	●	◆
Lopinavir	◆	■	◆	●	■
Ritonavir	◆	◆	◆	●	■
Tipranavir	◆	■	◆	●	■
Hypertension/Heart Failure Agents					
Acebutolol	◆	△	◆	△	◆
Aliskiren	◆	△	◆	△	△
Ambrisentan	◆	△	◆	■	■
Amiloride	◆	△	◆	△	◆
Azilsartan	◆	△	◆	△	◆
Benazepril	◆	△	◆	△	△
Bendroflumethiazide	◆	△	◆	△	◆
Bosentan	◆	△	◆	■	■
Bumetanide	◆	△	◆	△	◆
Candesartan	◆	△	◆	△	◆
Captopril	◆	△	◆	△	◆
Chlorothiazide	◆	△	◆	△	◆
Chlortalidone	◆	△	◆	△	◆
Cilazapril	◆	△	◆	△	◆
Clevidipine	◆	△	◆	△	◆
Clonidine	◆	△	◆	△	◆
Doxazosin	◆	△	◆	△	◆
Enalapril	◆	△	◆	△	◆
Eplerenone	◆	△	◆	△	◆
Epoprostenol	◆	△	◆	△	◆
Eprosartan	◆	△	◆	△	◆
Fosinopril	◆	△	◆	△	◆
Furosemide	◆	△	◆	■	△
Hydralazine	◆	△	◆	△	◆
Hydrochlorothiazide	◆	△	◆	△	◆
Iloprost	◆	△	◆	△	◆
Indapamide	◆	△	◆	△	■
Irbesartan	◆	△	◆	△	△
Isradipine	◆	△	◆	△	◆
Ivabradine	◆	■	◆	△	■
Lacidipine	◆	■	◆	△	■
Lercanidipine	◆	△	◆	△	◆
Lisinopril	◆	△	◆	△	◆
Losartan	◆	△	◆	△	◆
Macitentan	◆	△	◆	△	◆
Methyldopa	◆	△	◆	△	◆
Metolazone	◆	△	◆	△	◆
Moxonidine	◆	△	◆	△	◆
Olmesartan	◆	△	◆	△	◆
Perindopril	◆	△	◆	△	◆
Prazosin	◆	△	◆	■	◆
Quinapril	◆	△	◆	△	◆
Ramipril	◆	△	◆	△	◆
Ranolazine	◆	■	◆	△	■
Rilmenidine	◆	△	◆	△	◆
Riociguat	◆	△	◆	△	◆
Sacubitril/valsartan	◆	△	◆	△	◆
Selexipag	◆	△	◆	△	◆
Sildenafil	◆	△	◆	△	◆
Sodium nitroprusside	◆	◆	◆	◆	◆
Spironolactone	◆	△	◆	△	◆
Tadalafil	◆	△	◆	△	◆
Telmisartan	◆	△	◆	△	◆
Torasemide	◆	△	◆	△	◆
Trandolapril	◆	△	◆	△	◆
Treprostinil	◆	△	◆	△	◆
Valsartan	◆	△	◆	△	◆
Xipamide	◆	△	◆	△	◆
Zofenopril	◆	△	◆	△	◆

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Illicit/Recreational					
Alcohol	◆	◆	◆	◆	◆
Amphetamine	◆	◆	◆	◆	◆
Bromazolam	◆	◆	◆	◆	◆
Cannabis	◆	◆	◆	◆	◆
Carfentanil	◆	◆	◆	◆	◆
Cocaine	◆	●	◆	◆	●
Ecstasy (MDMA)	◆	●	◆	◆	●
Etizolam	◆	◆	◆	◆	◆
Fentanyl (Recreational)	◆	◆	◆	◆	◆
GHB (Gamma-hydroxybutyrate)	◆	◆	◆	◆	◆
Heroin	◆	◆	◆	◆	◆
Ketamine	◆	◆	◆	◆	◆
LSD (Lysergic acid diethylamide)	◆	◆	◆	◆	◆
Mephedrone	◆	◆	◆	◆	◆
Methamphetamine	◆	◆	◆	◆	◆
Methaqualone	◆	◆	◆	◆	●
Nicotine	◆	◆	◆	◆	◆
Nitazenes	◆	◆	◆	△	●
Nitrous oxide	◆	◆	◆	◆	◆
Phencyclidine (PCP)	◆	◆	◆	◆	◆
Xylazine	◆	■	◆	△	■
Immunosuppressants					
Abatacept	△	◆	△	△	◆
Adalimumab	△	◆	△	△	◆
Alemtuzumab	△	◆	△	◆	◆
Anakinra	△	△	△	△	△
Apremilast	◆	◆	△	◆	◆
Azathioprine	△	△	△	△	△
Baricitinib	△	△	△	△	△
Basiliximab	△	◆	△	◆	◆
Belimumab	△	◆	△	◆	◆
Bimekizumab	△	◆	△	◆	◆
Brodalumab	△	◆	△	◆	◆
Canakinumab	△	△	△	△	△
Ciclosporin	△	◆	△	●	△
Cladribine (oral)	△	△	△	■	△
Eculizumab	△	◆	△	◆	◆
Etanercept	△	◆	△	◆	◆
Fingolimod	△	◆	△	◆	◆
Golimumab	△	△	△	△	△
Guselkumab	△	◆	△	◆	◆
Infliximab	△	△	△	△	△
Ixekizumab	△	◆	△	◆	◆
Lenalidomide	△	◆	△	◆	◆
Mirikizumab	△	◆	△	◆	◆
Mycophenolate	△	△	△	■	△
Pirfenidone	△	◆	△	◆	◆
Ravulizumab	△	◆	△	◆	◆
Risankizumab	△	◆	△	◆	◆
Sarilumab	△	△	△	△	△
Secukinumab	△	◆	△	◆	◆
Siltuximab	△	△	△	△	◆
Sirolimus	△	△	△	△	■
Tacrolimus	△	■	△	●	■
Tildrakizumab	△	◆	△	◆	◆
Tocilizumab	△	△	△	△	△
Tralokinumab	△	◆	△	◆	◆
Ublituximab	△	◆	△	◆	◆
Upadacitinib	△	△	△	△	△
Ustekinumab	△	◆	△	◆	◆
Vedolizumab	△	◆	△	◆	◆

	Atezo + Bez	LEN	PEM	REG	SOR
Lipid Lowering Agents					
Alirocumab	◆	◆	◆	◆	◆
Atorvastatin	◆	◆	◆	■	■
Bempedoic acid	◆	◆	◆	◆	◆
Evolocumab	◆	◆	◆	◆	◆
Ezetimibe	◆	◆	◆	△	△
Fenofibrate	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆
Fluvastatin	◆	◆	◆	■	◆
Gemfibrozil	◆	◆	◆	◆	◆
Icosapent ethyl	◆	◆	◆	◆	◆
Lovastatin	◆	◆	◆	◆	◆
Pitavastatin	◆	◆	◆	◆	△
Pravastatin	◆	◆	◆	◆	△
Rosuvastatin	◆	◆	◆	■	△
Simvastatin	◆	◆	◆	■	△

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Other Drugs					
Acamprosate	◆	◆	◆	◆	◆
Acetazolamide	◆	◆	◆	◆	◆
Acitretin	◆	◆	◆	◆	◆
Activated charcoal	◆	△	◆	△	△
Allopurinol	◆	◆	■	◆	◆
Atomoxetine	◆	■	◆	◆	■
Atropine	◆	◆	◆	◆	◆
Baclofen	◆	◆	◆	◆	◆
Bamlanivimab/ Etesevimab	◆	◆	◆	◆	◆
Benralizumab	◆	◆	◆	◆	◆
Benzonatate	◆	△	◆	◆	△
Betahistine	◆	◆	◆	◆	◆
Bimatoprost	◆	◆	◆	◆	◆
Biperiden	◆	◆	◆	◆	◆
Brimonidine	◆	◆	◆	◆	◆
Brinzolamide	◆	◆	◆	◆	◆
Bromocriptine	◆	◆	◆	◆	◆
Burosumab	◆	◆	◆	◆	◆
Calcitonin	◆	◆	◆	◆	◆
Calcium carbimide	◆	◆	◆	◆	◆
Calcium resonium	◆	◆	◆	◆	◆
Cannabidiol (CBD)	◆	◆	◆	◆	◆
Carbimazole	◆	◆	◆	◆	◆
Carbocisteine	◆	◆	◆	◆	◆
Carisoprodol	◆	◆	◆	◆	◆
Casirivimab/imdevimab	◆	◆	◆	◆	◆
Cilostazol	◆	■	◆	◆	■
Clomifene	◆	◆	◆	◆	◆
Colchicine	◆	◆	◆	◆	◆
Colestyramine	◆	△	◆	■	△
Conivaptan	◆	◆	◆	●	◆
COVID-19 vaccines	◆	◆	◆	◆	◆
Crizanlizumab	◆	◆	◆	◆	◆
Cyclobenzaprine	◆	◆	◆	◆	◆
Cyproterone acetate	◆	●	●	●	●
Cytisine	◆	◆	◆	◆	◆
Darbepoetin	◆	◆	◆	◆	◆
Deferiprone	◆	◆	◆	◆	◆
Delgocitinib	◆	◆	◆	◆	◆
Denosumab	◆	◆	◆	◆	◆
Dexamfetamine	◆	◆	◆	◆	◆
Dextromethorphan	◆	◆	◆	◆	◆
Disulfiram	◆	◆	◆	◆	◆
Donepezil	◆	■	◆	◆	■
Dorzolamide	◆	◆	◆	◆	◆
Dotinurad	◆	◆	◆	◆	◆
Dupilumab	◆	◆	◆	◆	◆
Eliglustat	◆	△	◆	◆	△
Emicizumab	◆	◆	◆	◆	◆
Epoetin alfa	◆	◆	◆	◆	◆
Etelcalcetide	◆	◆	◆	◆	◆
Faricimab	◆	◆	◆	◆	◆
Febuxostat	◆	◆	◆	◆	◆
Filgrastim	◆	◆	◆	◆	◆
Flibanserin	◆	◆	◆	◆	◆
Gadopentetate (gadolinium)	◆	◆	◆	◆	◆
Glucose monohydrate (IV)	◆	◆	◆	◆	◆
Glycerol phenylbutyrate	◆	◆	◆	◆	◆
Goserelin acetate	◆	■	◆	◆	■
Guanfacine	◆	●	◆	◆	●
Influenza vaccine	◆	◆	◆	◆	◆
Interferon beta	△	△	△	△	△

	Atezo + Bez	LEN	PEM	REG	SOR
Other Drugs Continued					
Isosorbide mononitrate	◆	△	◆	△	◆
Isotretinoin	◆	◆	◆	◆	◆
Lanadelumab	◆	◆	◆	◆	◆
Lanreotide	◆	◆	◆	◆	◆
Lebrikizumab	◆	◆	◆	◆	◆
Lecanemab	◆	◆	◆	◆	◆
Leuprorelin acetate	◆	■	◆	◆	■
Levothyroxine	◆	■	◆	◆	◆
Lisdexamfetamine	◆	△	◆	◆	△
Lofexidine	◆	■	◆	◆	■
Lumacaftor/Ivacaftor	◆	◆	◆	●	●
Magnesium	◆	◆	◆	◆	◆
Maralixibat	◆	◆	◆	◆	◆
Melatonin	◆	◆	◆	◆	◆
Memantine	◆	△	◆	◆	■
Mepolizumab	◆	◆	◆	◆	◆
Methimazole (Thiamazole)	△	△	△	△	△
Methylphenidate	◆	◆	◆	◆	◆
Midodrine	◆	◆	◆	◆	◆
Minoxidil	◆	◆	◆	△	△
Modafinil	◆	◆	◆	■	■
Naftidrofuryl	◆	◆	◆	◆	◆
Nalmefene	◆	◆	◆	◆	◆
Naloxone	◆	◆	◆	◆	◆
Naltrexone	◆	◆	◆	△	△
Nemolizumab	◆	◆	◆	◆	◆
Neostigmine	◆	◆	◆	◆	◆
Nicorandil	◆	◆	◆	◆	◆
Nusinersen	◆	■	◆	◆	■
Ocrelizumab	◆	◆	◆	◆	◆
Orlistat	◆	△	◆	△	△
Pancreatic enzymes	◆	◆	◆	◆	◆
Penicillamine	◆	◆	◆	◆	◆
Pentoxifylline	◆	◆	◆	◆	◆
Phentermine	◆	◆	◆	◆	◆
Phenylephrine	◆	◆	◆	◆	◆
Pilocarpine	◆	◆	◆	◆	◆
Piracetam	◆	◆	◆	◆	◆
Potassium	◆	◆	◆	◆	◆
Propylthiouracil	◆	△	△	△	△
Protamine sulphate	◆	◆	◆	◆	◆
Pseudoephedrine	◆	◆	◆	◆	◆
Pyridostigmine	◆	◆	◆	◆	◆
Raloxifene	◆	◆	◆	△	△
Ranibizumab	◆	◆	◆	◆	◆
Resmetirom	◆	◆	◆	△	■
Romosozumab	◆	◆	◆	◆	△
Rozanolixizumab	■	◆	■	◆	◆
Selegiline	◆	◆	◆	◆	◆
Sevelamer	◆	△	◆	△	△
Sodium zirconium cyclosilicate	◆	◆	◆	◆	◆
Sotatercept	△	△	△	△	△
Strontium ranelate	◆	◆	◆	◆	◆
Tetrabenazine	◆	■	◆	◆	■
Thalidomide	△	◆	■	△	◆
Triptorelin	◆	■	◆	◆	■
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 and routes of clearance.
- Caution is required in patients with hepatic impairment as this may also increase drug levels and require dose modification.
- Where advice differs between countries, the charts reflect the more cautious option.

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

Atezo + Bez, Atezolizumab + bevacizumab; LEN, lenvatinib; PEM, pembrolizumab; REG, regorafenib; SOR, sorafenib.

	Atezo + Bez	LEN	PEM	REG	SOR
Oxytocics					
Ergometrine (ergonovine)	◆	◆	◆	◆	◆
Mifepristone	◆	◆	◆	◆	◆
Misoprostol	◆	◆	◆	◆	◆
Parkinsonism Agents					
Benzatropine (Benztropine)	◆	◆	◆	◆	◆
Carbidopa	◆	◆	◆	◆	◆
Levodopa	◆	◆	◆	◆	◆
Orphenadrine	◆	◆	◆	◆	◆
Pramipexole	◆	◆	◆	◆	◆
Procyclidine	◆	◆	◆	◆	◆
Rasagiline	◆	◆	◆	◆	◆
Ropinirole	◆	◆	◆	◆	◆
Trihexyphenidyl	◆	◆	◆	◆	◆
PBC Agents					
Bezafibrate	■	◆	◆	◆	◆
Elafibranor	◆	■	◆	◆	◆
Obeticholic acid	◆	◆	◆	◆	◆
Seladelpar	◆	◆	◆	■	■
Ursodeoxycholic acid	◆	◆	◆	◆	◆
Steroids					
Beclometasone	△	◆	△	◆	◆
Betamethasone	△	◆	△	◆	◆
Budesonide	△	◆	△	◆	◆
Ciclesonide	△	◆	△	◆	◆
Clobetasol (topical)	◆	◆	◆	◆	◆
Clobetasone (topical)	◆	◆	◆	◆	◆
Dexamethasone >16 mg	△	◆	△	●	■
Dexamethasone ≤16 mg	△	◆	△	△	◆
Fludrocortisone	△	◆	△	◆	◆
Flunisolide	△	◆	△	◆	◆
Fluticasone	△	◆	△	◆	◆
Hydrocortisone (topical)	◆	◆	◆	◆	◆
Methylprednisolone	△	◆	△	◆	◆
Mometasone	△	◆	△	◆	◆
Prednicarbate	◆	◆	◆	◆	◆
Prednisone	△	◆	△	◆	△
Triamcinolone	△	◆	△	◆	◆
Urological Agents					
Alfuzosin	◆	■	◆	◆	■
Desmopressin	◆	◆	◆	◆	◆
Dutasteride	◆	◆	◆	◆	◆
Finasteride	◆	◆	◆	◆	◆
Mirabegron	◆	△	◆	◆	△
Oxybutynin	◆	◆	◆	◆	◆
Propiverine	◆	◆	◆	△	◆
Silodosin	◆	◆	◆	◆	■
Sodium bicarbonate (oral)	◆	◆	◆	◆	◆
Solifenacin	◆	■	◆	◆	■
Tamsulosin	◆	◆	◆	◆	◆
Tolterodine	◆	■	◆	◆	■
Trospium	◆	◆	◆	◆	◆

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