



## PAXLOVID DRUG-DRUG INTERACTIONS

PAXLOVID (nirmatrelvir/ritonavir) therapy was recently approved by the FDA under Emergency Use Authorization for the treatment of mild-to-moderate COVID-19 in patients 12 years of age and older weighing at least 40kg with positive results of SARS-CoV-2 viral testing, and who are at high risk for progression to severe COVID-19.

PAXLOVID (nirmatrelvir/ritonavir) is a **potent CYP3A inhibitor** resulting in the potential for numerous drug interactions. These interactions may lead to:

- Significant adverse reactions, some potentially leading to severe, life-threatening, or fatal effects
- Loss of therapeutic effect of PAXLOVID and possible development of viral resistance

Refer to the [PAXLOVID Emergency Use Authorization Factsheet](#) for full details of drug-drug interactions and dosing recommendations including renal dose adjustments.

**Please report adverse effects or medication errors from any therapies under Emergency Use Authorization in Patient Safety Net (PSN) to support external reporting requirements.**

Common Therapies **CONTRAINDICTED** for use with PAXLOVID.

Drug Class	Drug
Anti-anginal	Ranolazine
Anti-arrhythmic	Amiodarone, Dronedarone, Flecainide, Propafenone, Quinidine
Anticoagulants	Rivaroxaban
Anticonvulsants	Carbamazepine, Phenobarbital, Phenytoin
Antifungals	Voriconazole
Anti-gout	Colchicine
Antimycobacterial	Rifampin
Antipsychotics	Clozapine, Lurasidone, Pimozide
Ergot Derivatives	Dihydroergotamine, Ergotamide, Methylethylethanolamine
HMG-CoA Reductase Inhibitors	Lovastatin, Simvastatin
PDE-5 Inhibitor	Sildenafil
Sedative Hypnotics	Midazolam, Triazolam

Common Therapies **REQUIRING ADJUSTMENT OR MONITORING** for use with PAXLOVID.

Drug Class	Drug
Anti-arrhythmic	Lidocaine
Anticoagulants	Apixaban, Warfarin
Antifungals	Isavuconazonium sulfate, itraconazole
Antipsychotics	Quetiapine
Calcium Channel Blockers	Amlodipine, Diltiazem, Felodipine, Nicardipine, Nifedipine
Cardiac Glycosides	Digoxin
Endothelin Receptor Antagonists	Bosentan
HMG-CoA Reductase Inhibitors	Atorvastatin, Rosuvastatin
Immunosuppressants	Cyclosporine, Tacrolimus, Sirolimus
Narcotics	Fentanyl, Methadone