

Assessing a patient for Paxlovid (nirmatrelvir/ritonavir)

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

Data are limited or absent; therefore, risk-benefit assessment for any individual patient rests with prescribers.

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ANY OF THE FOLLOWING:

- <18 years
- Pregnancy
- Severe renal impairment - eGFR (CrCl if >75years) <30 ml/min
- Severe liver disease - Child Pugh Class C
- Unable to swallow tablets
- Prescribed any medicines below:

Amiodarone	Pethidine
Alfuzosin*	Phenobarbitone
Aliskiren	Primidone
Apixaban*	Pimozide
Bosentan	Phenytoin
Carbamazepine	Quetiapine
Ciclosporin	Ranolazine
Clozapine	Rifampicin
Clonazepam	Rivaroxaban*
Colchicine	Salmeterol*
Diazepam*	Sildenafil (pulmonary hypertension)
Disopyramide	Simvastatin*
Domperidone*	Sirolimus
Dronedarone	St John's Wort
Enzalutamide	Tacrolimus
Eplerenone	Tadalafil (pulmonary hypertension)
Flecainide	Ticagrelor
Ivabradine	
Lercanidipine*	
Midazolam (oral)	

**unless medicine can be stopped safely for 8 days*

Note: list of medicines not exhaustive and subject to change

NO →

Use [covid19-druginteractions.org](http://www.covid19-druginteractions.org) (or Paxlovid product label if medicine not listed) to check all medicines including:**

- OTC medicines
- Recreational drugs
- Hospital supplied medicines e.g.,
 - systemic anticancer treatment (SACT) within last 28 days
 - opiate substitution therapy
 - HCV/HBV/HIV treatment
 - hormonal contraceptives (except implant/depot)
 - steroid injections
 - depot antipsychotics
 - multiple sclerosis treatment

**** No need to check medicines below on interaction website (list not exhaustive):**

- ACE inhibitors
- Acid reducing agents (antacids, PPIs, H2RAs)
- Aspirin
- Azathioprine
- Beta Blockers
- Corticosteroids (oral/inhaled/topical)
- Fluvastatin
- Furosemide
- Gabapentin
- HRT/Contraceptive implant or depot
- Immunoglobulin
- Inhalers (except salmeterol)
- Insulin
- Levothyroxine
- Metformin
- Methotrexate
- Monoclonal antibodies (MABs)
- Mycophenolate
- NSAIDs (except piroxicam)
- Pravastatin
- Pregabalin

ANY RED/AMBER INTERACTIONS?

YES ↓

- Review full information on [covid19-druginteractions.org](http://www.covid19-druginteractions.org) and consider practicalities of advice/monitoring:
 - Can medicine be withheld safely for 8 days? e.g., simvastatin
 - Can a dose adjustment be done easily? e.g., be aware of patients on compliance devices or those who do not have tablets/liquid to allow dose change, or if there is concern re patient understanding. Consider alternative day dosing if a dose change is impractical.
 - Can the patient be advised regarding which adverse reactions to be aware of and what to do?
- Clinical decision (including consulting a specialist if appropriate) based on all the individual patient information and discussion with patient to prescribe Paxlovid.

YES → **eGFR (CrCl if >75 years) ≥60 ml/min**

YES ↓

No Paxlovid

NO ↓

No Paxlovid

YES ↓

✓ **Paxlovid Full Dose**

Nirmatrelvir 300 mg (2 x 150 mg) twice daily + Ritonavir 100 mg (1 tablet) twice daily for 5 days

NO ↓

✓ **Paxlovid ↓ Dose**

Nirmatrelvir 150 mg (1 x 150 mg) twice daily + Ritonavir 100 mg (1 tablet) twice daily for 5 days