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 (check local age restrictions)**
- **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

YES → **No Paxlovid**

NO →

Use 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 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.**

NO ↓ **No Paxlovid**

NO → **eGFR (CrCl if >75 years) ≥60 ml/min**

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

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

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