Assessing a patient for Paxlovid (nirmatrelvir/ritonavir)

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

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


** No need to check medicines below on interaction website (list not exhaustive):
- ACE inhibitors
- Acid reducing agents (antacids, PPIs, H2RAs)
- Aspirin
- Azathioprine
- Beta Blockers
- Contraceptives/HRT
- Corticosteroids (oral/inhaled/topical)
- Fluvastatin
- Furosemide
- Gabapentin
- Immunoglobulin
- Inhalers (except salmeterol)
- Insulin
- Levethoxyxine
- Metformin
- Methotrexate
- Monoclonal antibodies (MABs)
- Mycophenolate
- NSAIDs (except piroxicam)
- Pravastatin
- Pregabalin

Use covid19-druginteractions.org (or Paxlovid product label if medicine not listed) to check all medicines** including:
- OTC medicines
- Recreational drugs
- Prescription medicines e.g.,
  - systemic anticancer treatment (SACT) within last 28 days
  - opiate substitution therapy
  - HCV/HBV/HIV treatment
  - steroid injections
  - depot antipsychotics
  - multiple sclerosis treatment

**ANY RED/AMBER INTERACTIONS?**

- 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.

ANY OF THE FOLLOWING:
- <18 years (check local age restrictions)
- Pregnancy (discuss the benefits/risks of treatment with the patient and a multidisciplinary team)
- Severe renal impairment:
  - eGFR (CrCl if >75 years) <30 ml/min
- Severe liver disease: Child Pugh Class C
- Unable to swallow tablets
- Prescribed any medicines below:
- Pimozide
- Primidone
- Quetiapine
- Ranolazine
- Rifampicin
- Salmeterol
- Salmeterol (pulmonary hypertension)
- Simvastatin
- St John’s Wort
- Tacrolimus
- Tadalafil
- Tadalafl (pulmonary hypertension)
- Ticagrelor
- Ticagrelor
- Valproate
- Venlafaxine
- Vinpocetine
- Warfarin

- *unless medicine can be stopped safely for 8 days

Note: list of medicines not exhaustive and subject to change

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

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

- 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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