

# SAFETY ALERT



## Sharing Lessons Learned

### Paxlovid® (Nirmatrelvir and Ritonavir)

Paxlovid® (Nirmatrelvir 150 mg tablets and Ritonavir 100 mg tablets) is an antiviral medication approved to treat non-hospitalized COVID-19 patients ( $\geq 12$  years and weighing  $\geq 40$  kg) with high risk of progression to severe illness.

#### Safety Concerns with Paxlovid®

- Unlike regular medication combination, it is available as a co-packaged product containing Nirmatrelvir 150 mg tablets and Ritonavir 100 mg tablets.
- Each strip provides a daily dose, **yellow portion for the morning dose** and **blue portion for the evening dose**, with each blister consisting of 1 (white) ritonavir 100 mg tablet and 2 (pink) nirmatrelvir 150 mg tablets.
- The unique packaging, dosing, and drug-drug interaction may be challenging for both healthcare providers and patients.



#### Important to Consider

##### Dosing:

- **Regular dose:** 100mg of Ritonavir (one tablet) + 300mg Nirmatrelvir (two tablets), twice daily for 5 days.
- **Dose in renal impairment:**
  - **eGFR 30 to 60 ml/min,** 100mg of Ritonavir (one tablet) + 150mg Nirmatrelvir (one tablet), twice daily for 5 days.
  - **eGFR < 30 ml/min:** not recommended to use.



**Drug-Drug interaction:** Due to significant drug interactions a proper review is required. For more references, click here [IDSA](#) or Scan the QR code.



#### Verification and Dispensing

##### Dosing:

Double check the dose based on eGFR (as mentioned above).

##### Drug-Drug interaction:

Review potential drug-drug interaction

##### Dispensing

- **Inpatient setting:** dispense daily dose, one strip daily.
- **Outpatient setting:** dispense per strip (not box) and proper patient counseling with educational material (video barcode)
- For renal adjustment dose, place stickers to cover Nirmatrelvir extra doses for both inpatient and outpatient.



#### Administration

##### Inpatient and Outpatient Settings:

- Nurse and patient should be aware that each strip contains the daily dose.
- The doses to be given as **3 tablets** together at the same time (1 tablet Ritonavir and 2 tablets of Nirmatrelvir) twice daily, **Morning Dose from yellow portion**, and **Evening Dose from the blue portion**.
- For renal impairment patients the dose will be adjusted to be given as **2 tablets** 100mg of Ritonavir (one tablet) + 150mg Nirmatrelvir (one tablet), twice daily
- **Total treatment duration 5 days.**

##### For more information:

Global information about PAXLOVID™: [Click here](#) Or Scan



For patient educational video: [Click here](#) or Scan

