**UW Medicine and Fred Hutch Cancer Center Clinical Algorithm for Outpatient COVID-19 Therapeutics**

Adult or pediatric (age 12 and older and weight 40kg or greater) with a current diagnosis of mild to moderate (i.e. symptomatic) COVID-19 & high risk for progression to severe disease

**Is the Patient:**
- Hospitalized for COVID-19 OR
- Requiring O₂ OR an increase in baseline home O₂ due to COVID-19

**Symptom onset within 5-7 days**
- AND
- **immunocompetent?**
  - *day of symptom onset = day 0

**NO, immunosuppressed**

**Symptom onset within 5-7 days**
- AND
- **immunosuppressed?**
  - *day of symptom onset = day 0

**Management per NIH & UW Guidelines**

**Does patient have severe renal impairment (eGFR <30mL/min) OR severe hepatic impairment (child-pugh class C)?**

**YES**

Consider the following:
- (symptoms within 5 days):
  - Immuneocompetent: supportive care or evaluate for molnupiravir*

**No**

Consider one of the following therapeutics, if available:

**Paxlovid**
- within **5 days of symptom onset**
  - eGFR **60 mL/min or greater**: 300mg nirmatrelvir taken with 100mg ritonavir twice daily for 5 days
  - eGFR **≥30−≤60**: 150mg nirmatrelvir taken together with 100mg ritonavir twice daily for 5 days;

**eGFR <30 mL/min or severe hepatic impairment (Child-Pugh class C)**

Evaluate concomitant medications prior to prescribing

[https://www.covid19-druginteractions.org/](https://www.covid19-druginteractions.org/)

(DO NOT give to SOLID ORGAN TRANSPLANT)

**If none of the above therapeutics are available for patient treatment within 5 days of symptom onset and patient is age 18 or greater**

**Possibility of pregnancy (if applicable) is ruled out?**

**YES**

Consider molnupiravir
- Authorized only in patients ages 18 and older;
- No dose adjustment for renal or hepatic function;
- Give within 5 days of symptom onset;
- Molnupiravir 800mg by mouth every 12h for 5 days.
- Prescribers must review and comply with the mandatory requirements outlined in the molnupiravir EUA.

**NO**

**Management per NIH & UW Guidelines**

**Solid organ or bone marrow transplant pt and within 7 days of symptom onset**: individual organ transplant teams should use SOTIDCOVIDNOTIFY dotphrase and then place REDCAP.

**Immunosuppressed and within 5 days of symptom onset**: Paxlovid if no other contraindication

*DO NOT give to SOLID ORGAN TRANSPLANT pts without consultation with transplant pharmacist*

*SOT: If pt presents to ED, give remdesivir x 1 & refer to SOT guidelines below. Subsequent doses will be scheduled M-F. Page SOT ID on weekends, if needed. FHCC: coordinate with primary team.*