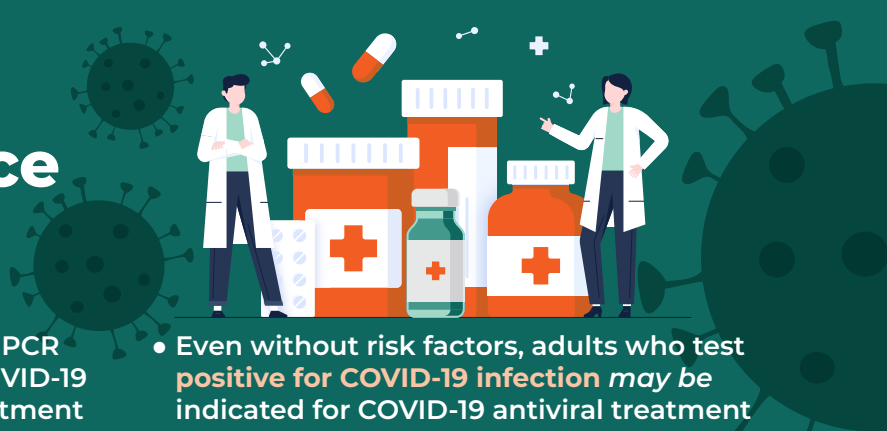


COVID-19 Antiviral Treatment at a Glance



Whom to Treat

- Adults who test positive via rapid antigen test or PCR test and are **at risk for severe outcomes** from COVID-19 infection are indicated for COVID-19 antiviral treatment
 - **Age ≥50 years** is the strongest risk factor
 - Adults with 1 or more underlying **medical condition** are also at risk, regardless of age
 - Full list of risk factors: cdc.gov/coronavirus/2019-ncov/hcp/clinical-care/underlyingconditions.html
- Even without risk factors, adults who test **positive for COVID-19 infection** may be indicated for COVID-19 antiviral treatment
 - If symptomatic, COVID-19 antiviral treatment will likely lead to fewer and milder symptoms, including long COVID symptoms



How to Treat

COVID-19 Therapeutic Management of Nonhospitalized Adults

Preferred therapies, listed in order of preference:

Nirmatrelvir + Ritonavir

300 mg + 100 mg PO BID x 5 days
(use 150 mg + 100 mg PO BID x 5 days for eGFR ≥30-<60 mL/min);
do not administer if eGFR <30 mL/min

Remdesivir

200 mg IV on Day 1 followed by 100 mg IV on Days 2 and 3;
no dosage adjustment necessary for renal dysfunction

Alternative therapy, for use when the preferred therapies are not available, feasible to use, or clinically appropriate:

Molnupiravir

800 mg PO Q12H x 5 days;
no dosage adjustment necessary for renal dysfunction



COVID Antiviral Drug-Drug Interaction Resources

Liverpool COVID-19 Drug Interaction Checker

covid19-druginteractions.org/

The University of Waterloo/University of Toronto Drug Interaction Guide

hivclinic.ca/downloads/paxlovid/paxlovid_guide_live.pdf

Infectious Diseases Society of America

idsociety.org/practice-guideline/covid-19-guideline-treatment-and-management/management-of-drug-interactions-with-nirmatrelvirritonavir-paxlovid/



NIH COVID-19 Antiviral Drug Information and Interactions and EUA Fact Sheet/Prescribing Information

Molnupiravir

- covid19treatmentguidelines.nih.gov/therapies/antivirals-including-antibody-products/molnupiravir/
- merck.com/eua/molnupiravir-hcp-fact-sheet.pdf

Nirmatrelvir + Ritonavir

- covid19treatmentguidelines.nih.gov/therapies/antivirals-including-antibody-products/ritonavir-boosted-nirmatrelvir--paxlovid-/paxlovid-drug-interactions/
- labeling.pfizer.com/ShowLabeling.aspx?id=19599

Remdesivir

- covid19treatmentguidelines.nih.gov/therapies/antivirals-including-antibody-products/remdesivir/
- gilead.com/-/media/files/pdfs/medicines/covid-19/veklury/veklury_pi.pdf

