

## COVID-19

### Provincial Guidance on Management for Pharmacists

#### Please be advised:

- There is no proven effective antiviral treatment or vaccine for COVID-19 at this time.
- COVID-19 clinical trials are ongoing and results will guide future management.
- For COVID-19 status and guidance, please refer to updates from your site, health region, Shared Health and/or Manitoba Health.

The majority of patients with COVID-19 infections recover without treatment or hospital admission. Patients with more serious complications may require hospitalization.

#### Summary of available information to date:

- Oseltamivir did not appear to have clinical benefit based on early reported experience.<sup>1</sup>
- Investigational antivirals, protease inhibitors and biologics are being assessed within clinical trials.
- Access to investigational antivirals through Canada's Special Access Programme (SAP) may be possible, but timelines for access are unknown at this time
- Drugs under investigation (ClinicalTrials.gov search March 9, 2020) include:
  - remdesivir (investigational; as of March 16, 2020 potentially available through Health Canada Special Access Program); <https://www.canada.ca/en/health-canada/services/drugs-health-products/special-access/drugs/remdesivir.html>
  - protease inhibitor combinations (e.g. lopinavir/ritonavir, darunavir/cobicistat)
  - hydroxychloroquine and chloroquine
  - other antiviral combinations
- The optimal antiviral treatment regimen is not known at this time.

This is a rapidly evolving situation and treatment options may change as experience grows. Key clinical stakeholders and leaders will provide clinical guidance as this situation evolves.

#### Coronavirus Resources

- Manitoba Health, Seniors and Active Living – Coronavirus (<http://www.manitoba.ca/health/coronavirus/index.html>)
- Shared Health - Provincial coronavirus resources for health care providers and staff (<https://sharedhealthmb.ca/health-providers/coronavirus-resources/>)

#### References

1. Wang et al. Clinical Characteristics of 138 Hospitalized Patients With 2019 Novel Coronavirus–Infected Pneumonia in Wuhan, China. JAMA. doi:10.1001/jama.2020.1585