

In the  
Corner  
with...



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Alberta Health Services

**Hydroxychloroquine**



UNIVERSITY OF CALGARY  
CUMMING SCHOOL OF MEDICINE  
Continuing Medical Education  
and Professional Development



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1

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## Scientific Advisory Group COVID-19 Recommendations

novel coronavirus (COVID-19)

AHS' Scientific Advisory Group is connecting with clinicians, operational leaders, researchers and other experts to review emerging evidence and guidance of national and international bodies to provide information for focused areas of healthcare in relation to COVID-19. These resources are created to provide research informed advice to AHS physicians, staff, patients and families. Reports are updated frequently based on emerging evidence or concerns.

### COVID-19 Resources for AHS Staff & Health Professionals

2

## COVID-19 Scientific Advisory Group Rapid Response Report

### Key Research Question:

**What is the evidence for and risks of using hydroxychloroquine (HQ) as a treatment and prophylaxis for SARS-CoV-2? [Updated April 16, 2019]**



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April 20, 2020

3

## Key Messages from the Evidence Summary

- Evidence for HQ effectiveness in treated COVID-19 is limited
  - Plausible in vitro activity
  - Equivocal in vivo data (observational studies, small RCTs)
- No evidence for HQ use as prophylaxis
  - RCTs are underway in HCWs and close contacts
- HQ risks include serious clinical and lab adverse effects
  - Especially in patients with cardiopulmonary compromise
  - Potential drug-drug interactions
  - Risk to children if unintentional ingestion

April 20, 2020

4

COVID-19 Self-Assessment >

Info for Albertans >

Info for Health Professionals >

Translated Resources >

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**Clinical Guidance from Leaders**

- [Key Research Question: What Is the Evidence For & Risks of Using Hydroxychloroquine \(HQ\) as a Treatment & Prophylaxis for SARS-CoV-2?](#)
- [Response to Media Reports about COVID-19 Virus Being Airborne](#)

**Signage & Posters**

- [View Full List](#)

**Resources**

- [COVID-19 FAQs for AHS Staff](#)
- [COVID-19 Guidance Volunteer Resources](#)
- [COVID-19 Public Information](#)
- [COVID-19 Orders & Legislation](#)
- [COVID-19 Research Opportunities -bethecure.ca](#)
- [Healthcare Worker Self-Assessment Tool](#)
  - [Guidance While Waiting for a Return Call](#)
- [Information for Researchers](#)
- [IPC Emerging Issues](#)
- [Scientific Advisory Group Rapid Reviews](#)
- [Testing & Self-Isolation Criteria](#)
- [Triage Screening Criteria](#)

5

## For more information visit

- <https://www.albertahealthservices.ca/assets/info/ppih/if-ppih-covid-19-chloroquine-hydroxychloroquine-rapid-response-report.pdf>
- <https://ecme.ucalgary.ca/covid-19-cme-resources/topics/covid-basics/>  
COVID-19 Clinical Trials in Alberta (April 14, 2020)
  - Alberta HOPE COVID-19 Trial: <https://www.hopecovid.ca/COVID-19>
  - COVID-19 PEP RCT: <https://www.covid-19research.ca/>

6