

# A call to action: How Knowledge Resource Service (KRS) is supporting Alberta Health Services' (AHS) response to the COVID-19 pandemic


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Knowledge Management offers:



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NEOS Miniconference – June 5, 2020

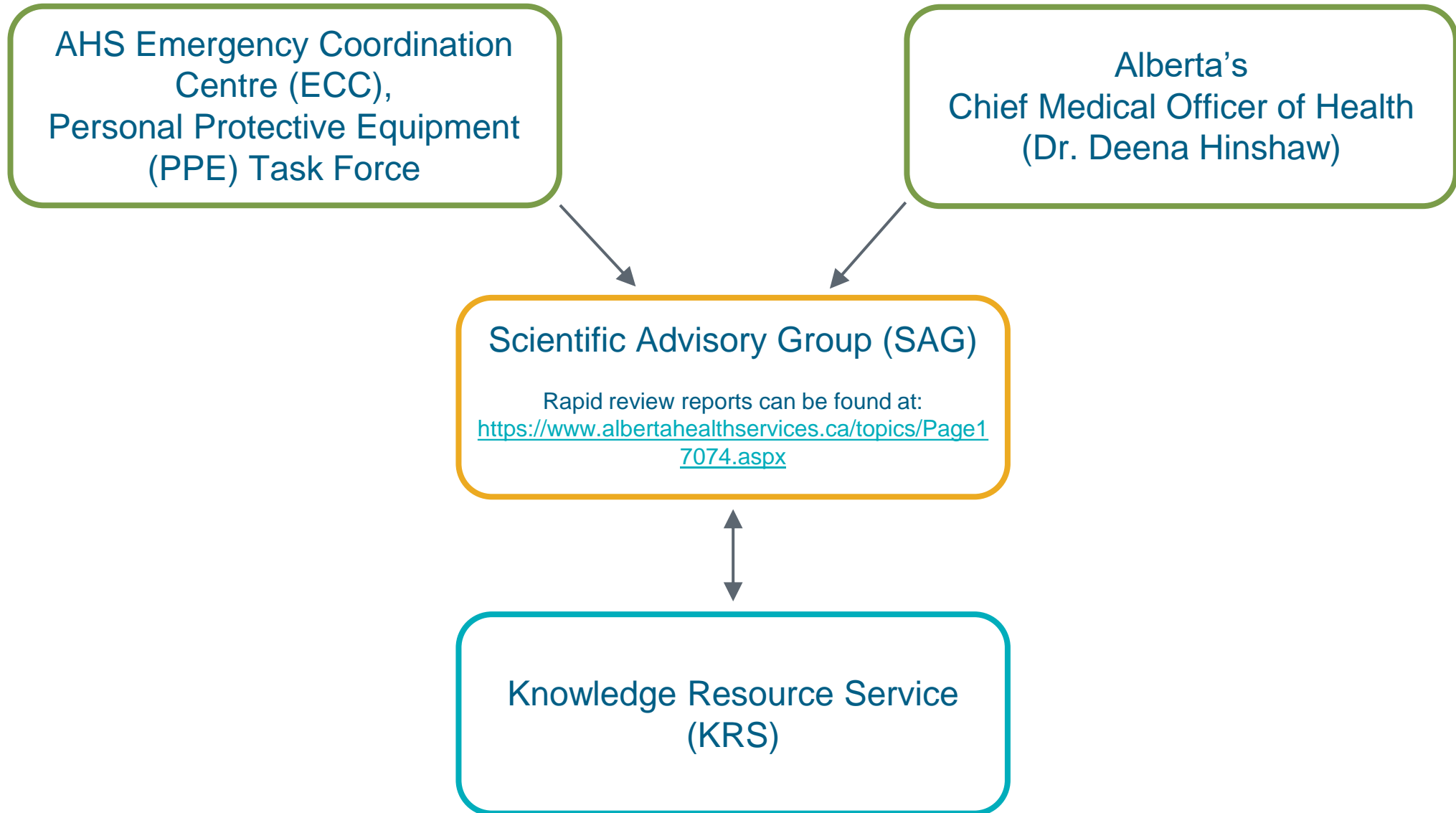
# Disclaimer Statement

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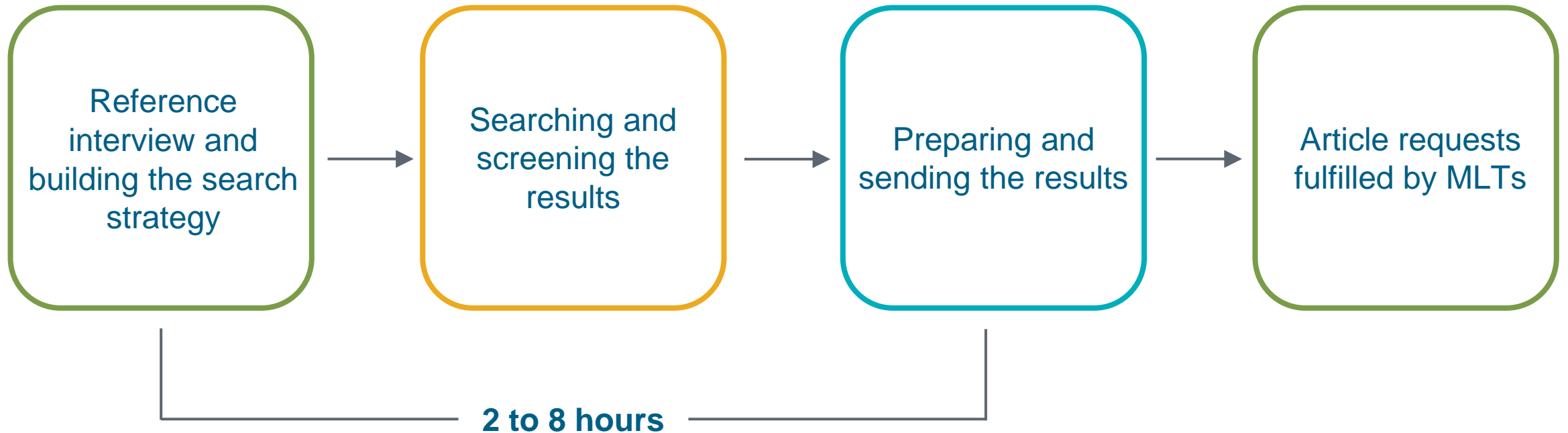
# About the SAG and their rapid review process

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# KRS search process

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## Unvalidated COVID-19 search filter

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exp Coronavirus/ or Coronavirus Infections/ or coronaviru\*.mp. or corona  
viru\*.mp. or ncov\*.mp. or n-cov\*.mp. or novel cov\*.mp. or COVID-19.mp. or  
COVID19.mp. or COVID-2019.mp. or COVID2019.mp. or SARS-CoV-2.mp.  
or SARSCoV-2.mp. or SARSCoV2.mp. or SARSCoV19.mp. or SARS-Cov-  
19.mp. or SARSCov-19.mp. or SARSCoV2019.mp. or SARS-Cov-2019.mp.  
or SARSCov-2019.mp. or severe acute respiratory syndrome  
coronaviru\*.mp. or severe acute respiratory syndrome cov 2.mp. or 2019  
ncov.mp. or 2019ncov.mp.

(limit by publication date)

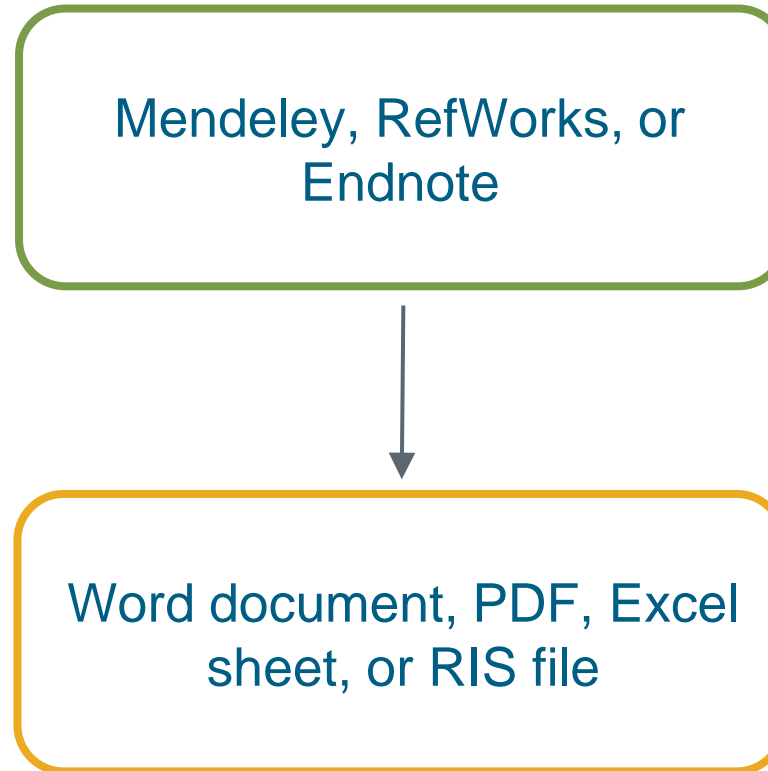
## Other evidence sources

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- COVID-19 specific databases
  - LitCovid, WHO COVID-19 Database, covid-evidence.org, etc.
- Curated COVID-19 guides
  - CADTH, Oxford COVID-19 Evidence Service, CDC, Coronavirus (COVID-19) - Cochrane Resources & News, NICE Coronavirus Reviews, etc.
- Journal websites
  - NEJM, Lancet, BMJ, etc.
- Vendor portals
  - EBSCO, OVID, etc.
- Preprints
  - medRxiv and bioRxiv.
- Twitter
- New media
- Various grey literature
- Google

# Citation management and search strategy documentation

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## Lessons learned

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- **Information overload**
  - Research on COVID-19 doubling every 2 weeks
  - Not necessarily relevant information
  - Information quickly outdated
- **Working with a variety of writers**
  - Adapting to each writer's unique preferences
  - Lack of familiarity with the rapid review process



## Lessons learned cont.

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- **Short timelines**

- 2-8 hours turnaround
- Potential impact on quality and comprehensiveness
- Managing expectations

- **Learning as we go**

- Constantly adjusting search filters
- Discovering new resources

## COVID-19 (novel coronavirus)

This guide was created to support the information needs and research activities of AHS staff and health professionals. It does not represent an exhaustive list but instead highlights key resources on the topic. Please note that this guide is a living document and will change as the evidence and resources available continue to evolve. Last updated: June 4, 2020.

### Latest updates and information for AHS staff & health professionals (READ FIRST):

- [novel coronavirus \(COVID-19\) - Insite](#)
- [Information for Primary Care Providers](#)
- [AHS Scientific Advisory Group COVID-19 Recommendations](#)

#### Curated Research Collections

- [LitCovid \(US National Library of Medicine\)](#)  
A hub for tracking all the latest and up-to-date scientific publications about the 2019 novel Coronavirus.
- [WHO: Global Research on COVID-19](#)  
WHO database of publications on coronavirus disease (COVID-2019). Updated daily.
- [COVID-19 Evidence Alerts from McMaster PLUS](#)  
Current best evidence from all journals included in MEDLINE. Reports are critically appraised. Updated every weekday.
- [COVID-19 Open Research Dataset](#)  
Over 44,000 scholarly articles about COVID-19 and the coronavirus family of viruses for use by the global research community.
- [COVID-19: a living systematic map of the evidence](#)  
Up-to-date map of the current evidence that is partitioned into broad domains (intervention/transmission/diagnosis/ect) for easy exploration. EPPI-Centre et al.
- [COVID-evidence](#)  
COVID-evidence is a continuously updated database of the worldwide available evidence on interventions for COVID-19. It provides information

#### Selected Grey Literature

##### Canada

- [Public Health Agency of Canada](#)  
Coronavirus disease (COVID-19): For health professionals. See section on "Guidance".
- [Canadian Medical Association: CPG Infobase](#)  
Clinical practice guidelines on COVID-19 developed within Canada. CPG Infobase is maintained by Joule.
- [CADTH COVID-19 Evidence Portal](#)  
Information related to COVID-19 from CADTH and other respected organizations.
- [National Collaborating Centre for Methods and Tools \(NCCMT\): COVID-19 Rapid Evidence Reviews](#)  
Collection of COVID-19 rapid reviews either in progress or completed from across Canada.
- [CSA COVID-19 Response Standards and Handbooks \(registration required\)](#)  
Canadian Standards Association (CSA Group) has made a selection of relevant standards available for no-fee view access. Includes standards such as:  
- Z1600-17: Emergency and continuity management program

#### AHS Scientific Advisory Group COVID-19 Recommendations

The SAG Rapid Response Reports and Rapid Reviews provide recommendations pertaining to COVID-19. The recommendations are intended to be used in addition to clinical judgment. As evidence evolves, the SAG develops updates as needed. Latest reports (June 4):

- [Singing as a risk for transmission of SARS-Cov-2 virus](#)
- [Rehabilitation needs of COVID-19 patients](#)
- [Awake prone positioning for non-intubated patients](#)
- [Can COVID-19 patient's become re-infected?](#)
- [Clinician's guide to non-respiratory symptoms of COVID-19](#)
- [Non-invasive ventilation recommendations \(reassessed\)](#)
- [Anti-microbial use for secondary infections](#)
- [Are healthcare workers at increased risk?](#)

**More at:** [Scientific Advisory Group COVID-19 Recommendations](#)

#### Patient, Family & Community Resources

# References

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Cooper, M. J. (2020, April 8). The number of scientific papers on the novel coronavirus is doubling every 14 days. *Quartz*. <https://qz.com/1834521/scientific-papers-on-novel-coronavirus-doubling-every-14-days/>

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