Daily evidence digest

12 June 2020

> The daily evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

Mental health, drug repositioning, phone apps and homelessness

Peer reviewed journals featured:

- A survey on the mental health of Australians in the first month of COVID-19 restrictions here
- A comment on addressing the public mental health challenge during COVID-19 here
- A systematic review on the potential of drug repositioning as a short-term strategy for the control and treatment of COVID-19 here
- A rapid review on the efficacy of N95 respirators versus surgical masks to prevent nosocomial COVID-19 infection here
- Feasibility and implementation of telemedicine for spinal surgeons during COVID-19 here
- Rapid guidelines on managing ICU surge during the COVID-19 pandemic here
- An observational study on an COVID-19 education, self-assessment and symptom monitoring via a phone app here
- Addressing COVID-19 among people experiencing homelessness in Boston here
- Palliative care support for patients with heart failure during COVID-19 here
- A systematic review of medical student disaster training programs to prepare for a pandemic here
- A perspective on paying hospitals to stay empty in order to respond to a surge here
- The impact of COVID-19 on an emergency medical service system in Japan here
- The importance of death certification during COVID-19 here
- Perspective articles in the NEJM on compassionate care in ICU here and oncologic decision making during COVID-19 here

Letters and correspondence discussed:

- PVC membrane as a barrier against transmission during advanced airway management here

Reviews:

- The Canadian National Collaborating Centre for Methods and Tools featured three rapid reviews:
  - Mitigating the risk of re-opening food processing plants here
  - The use of voluntary smartphone apps for COVID-19 contact tracing here
  - Mitigating the risk of re-opening personal services here
- An ECRI report on optimal timing for tracheotomy in patients with acute respiratory failure here

Other resources:

- OECD modelling on the path to economic recovery here
- Advice sent to NHS organisations on reducing nosocomial infection in healthcare workers during COVID-19 here
- An audio interview on the impact of COVID-19 on minority communities here

Indigenous perspectives of COVID-19

Following reconciliation week, local and international Indigenous perspectives of COVID-19:

- Including Maori and Pasifika as a part of planning New Zealand's COVID-19 recovery here
- A Group of Eight Australia report outlining a roadmap to recovery, includes the care of Indigenous Australians from page 150 here
- Canada's unequal health system may make remote Indigenous communities more vulnerable to COVID-19 here
- Tribal community perspectives in the US during COVID-19 here

Critical Intelligence Unit

What changes have been made to healthcare practices in response to COVID-19?
Share your insights here before the survey closes on Friday 12 June 2020.