COVID-19 Critical Intelligence Unit

Daily evidence digest

30 July 2020

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

Stroke and preceding infection, behavioural science, travel restrictions

Peer reviewed journals featured:

- A review of the relationship between preceding infection and risk of stroke here
- An assessment of the effect of wearing personal protective equipment on microscope-guided mastoidectomy <u>here</u>
- Description of a technique to protect the nose and face during prone ventilation that uses surgical scrub sponges <u>here</u>
- An editorial, authored by Susan Michie, on behavioural, environmental, social, and systems interventions against COVID-19 <u>here</u>
- In the MJA:
 - o A discussion on legal action if patients are denied access to care here
 - A brief review on travel restrictions and evidence-based decision making for novel epidemics <u>here</u>
- Critical appraisal of the American College of Surgeons scoring system "Medically-Necessary, Time-Sensitive Procedures" (MeNTS), urology consensus recommendations, and individual surgeon case prioritisation for resumption of elective urologic surgery during COVID-19 <u>here</u>
- Survey data on the support needs of Australian primary health care nurses during COVID-19 here
- A retrospective review of telestroke use in a US neuroscience network during COVID-19 here
- Analysis of glycaemic control during lockdown among 307 Spanish people with type 1 diabetes here
- An international survey about the impact of COVID-19 on the elimination of viral hepatitis here
- A systematic review (to April 8) on non-steroidal anti-inflammatory drugs and pneumonia complications <u>here</u>

Letters and correspondence discussed:

- The impact of COVID-19 on pulmonary hypertension outpatient clinics in Germany here
- Indirect impact of COVID-19 on the epidemiology of syphilis in Rome here
- Benefits of open intellectual-property licences here



Pre-peer review articles featured:

- A living systematic review and meta-analysis on viral load dynamics, duration of viral shedding and infectiousness <u>here</u>
- Magnitude, demographics and dynamics of the impact of the first phase of the COVID-19 pandemic on all-cause mortality in 17 industrialised countries <u>here</u>
- Exploratory analysis of relationship between COVID-19 infection rates and non-COVID-19 vaccinations <u>here</u>
- Analysis of changes in cause-of-death attribution in the US during COVID-19 here
- A description of open access rates to papers regarding COVID-19 <u>here</u>

Guidance and reports

• The Australian Department of Health released an opinion piece on the role of masks in combatting community transmission of COVID-19 <u>here</u>

News and blogs

- A BMJ blog on mild COVID-19 here
- Scenarios of how COVID-19 will evolve in the US healthcare system here



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