COVID-19 Critical Intelligence Unit

Daily evidence digest

19 October 2020

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

Re-positive patients, sensible medicine, COVID-19 'circuit breaks'

Peer reviewed journals featured:

- A retrospective study on clinical characteristics of 're-positive' discharged COVID-19 patients here
- An observational cohort study on the effect of COVID-19 social restrictions on major trauma volumes and resource utilisation at John Hunter Hospital <u>here</u>
- An issues brief on tele-behavioural health and clinical outcomes <u>here</u>
- A review of laboratory data for patients with changing COVID-19 results in Connecticut here
- Consensus statements from Italy on how to communicate with families of isolated patients here
- Ethics analysis on the duty of doctors during the COVID-19 pandemic <u>here</u>
- Commentary on a physician-led collaborative response to COVID-19 in Colorado here
- A viewpoint on 'sensible medicine' balancing intervention and inaction during COVID-19 here

Letters and correspondence discussed:

A call to act on scientific consensus on managing the COVID-19 pandemic <u>here</u>

Pre-peer review articles featured:

- A systematic review and meta-analysis on heterogeneity in transmissibility and shedding COVID-19 via droplets and aerosols <u>here</u>
- A modelling study on 'circuit breaks' to control the prevalence of COVID-19 here

Reviews

- The Cochrane Library published
 - a systematic review on interventions to reduce contaminated aerosols during dental procedures here
 - o an update on COVID-19 infection control and prevention measures here

Guidance and reports

 The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts <u>here</u>



News and blogs

- An NEJM audio interview on COVID-19 vaccines <u>here</u>
- An interview with nutrition scholar, Barry Popkin, on obesity and COVID-19 here
- Podcasts on:
 - o A framework for equitable allocation of a COVID-19 vaccine here
 - Antigen testing and developing non-drug evidence <u>here</u>
 - o The response to COVID-19 in Sweden here
- BMJ blogs on:
 - o Scientific divisions on COVID-19 here
 - o New COVID-19 'circuit breaker' restrictions here

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