Daily evidence digest

20 August 2020

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

Radiation fractionation, telemedicine in cardiovascular surgery, Auxora randomised controlled trial, advance care planning

Peer reviewed journals featured:

- A systematic review of the quality of evidence on radiation fractionation schedules published during COVID-19 here
- A systematic review on telemedicine in cardiovascular surgery during COVID-19 here
- A review on the challenges of maintaining optimal nutritional status in COVID-19 patients in intensive care settings here
- A review on COVID-19 and multisystem inflammatory syndrome in children and adolescents here
- A randomised, controlled, open-label trial on Auxora versus standard of care for the treatment of severe or critical COVID-19 pneumonia here
- An editorial on the resurgence of COVID-19 in Japan here

Letters and correspondence discussed:

- SARS-CoV-2 renal tropism associated with acute kidney injury here
- Impact of COVID-19 pandemic and lockdown on retinal detachment cases here
- An Italian experience with delivering tele-ophthalmology here

Pre-peer review articles featured:

- A systematic review and meta-analysis on COVID-19 ICU and mechanical ventilation patient characteristics and outcomes here
- A systematic review on multisystem inflammatory syndrome in children here
- Healthcare workers and COVID-19 infections in Finland here
- Evidence and magnitude of seasonality in SARS-CoV-2 transmission here
Reviews

- The Cochrane Library published a rapid review on digital contact tracing technologies in epidemics [here](#).
- The Centre for Evidence Based Medicine published a review on advance care planning in the community during COVID-19 [here](#).

News and blogs

- Public Health England is axed in favour of new health protection agency [here](#).
- What will COVID-19 mean for the future of medical training? [here](#).
- How to accelerate clinical trials in the age of COVID-19 [here](#).

From the Critical Intelligence Unit #NSWHealthCIU

We are assessing the indirect impact of COVID-19 – focusing particularly on the consequences of missed or delayed healthcare. We are conducting a series of activities to gather experiences and perspectives from healthcare staff, consumers and communities in NSW. To find out more and register your interest [click here](#) or email NSW-CriticalIntelligenceUnit@health.nsw.gov.au

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