COVID-19 Critical Intelligence Unit

Daily evidence digest

5 August 2021

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

Isolation measures and people with dementia, convalescent plasma, global burden of acute myocardial injury associated with COVID-19

Peer reviewed journals featured:

- Systematic reviews on:
    - The effect of COVID-19 isolation measures on the health of people with dementia here
    - Convalescent plasma and COVID-19 mortality here
    - COVID-19-related multisystem inflammatory syndrome in children here
    - The global burden of acute myocardial injury associated with COVID-19 here
- Observational studies on:
    - Cerebral venous thrombosis and portal vein thrombosis in COVID-19 here
    - The effect of co-infection with intestinal parasites on COVID-19 severity here
    - A dried blood spot protocol for high throughput analysis of SARS-CoV-2 serology here
    - Predicting mortality risk in older hospitalised COVID-19 patients here
    - Changes in adherence to COVID-19 protective behaviours and pandemic fatigue here
    - Incidence of myopia and lifestyle changes among school children during COVID-19 here
- Modelling studies on:
    - Estimating case numbers with varying stringency and duration in COVID-19 lockdowns here
    - Time-varying optimisation of COVID-19 vaccine prioritisation here
- Commentary on:
    - Educational opportunities for postgraduate medical trainees during COVID-19 here
    - Why superspreading drives the COVID-19 pandemic but not swine flu here

Guidance and reports

- The World Health Organization published a policy brief on gatherings during COVID-19 here
- The Italian Society of Anti-Infective Therapy (SITA) and the Italian Society of Pulmonology (SIP) released guidance on clinical management of adult patients with COVID-19 outside ICU here

News and blogs

- A surprise dip in UK COVID-19 cases here

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