COVID-19 Critical Intelligence Unit

Daily evidence digest

13 May 2022

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

Spikevax (Moderna) in children aged 6 to 11 years, two-year health outcomes in hospitalised COVID-19 patients, coronavirus 'ghosts'

Peer reviewed journals featured:

- A randomised controlled trial of Spikevax (Moderna) vaccine in children 6 11 years of age here
- · Observational studies on:
 - Health outcomes in people two years after hospitalisation with COVID-19 here
 - Paediatric ICU admissions with deliberate self-harm during the SARS-CoV-2 outbreak in Australia here
 - o Effect of mRNA boosters against Omicron infection in Qatar here
 - Neuropsychiatric impact of severe COVID-19 and other severe respiratory infections here
 - Serological response to Comirnaty (Pfizer) vaccination in patients with multiple sclerosis treated with rituximab here
 - o Impaired immune responses in blood cancers improved by the third vaccine dose here
- A machine learning model to predict COVID-19 infection and severity risk in the UK here
- Commentary on:
 - The removal of mask mandates here
 - Exemptions to vaccine mandates <u>here</u> and <u>here</u>

Pre-peer review articles featured:

- The impact of side effect framing on COVID-19 booster vaccine intentions in Australian's here
- BA.2 Omicron differs immunologically from both BA.1 Omicron and pre-Omicron variants here

News and blogs

Coronavirus 'ghosts' found lingering in the gut <u>here</u>

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