COVID-19 Critical Intelligence Unit

Daily evidence digest

23 November 2021

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

Novavax co-administered with influenza vaccines, antibody titres before and after mRNA boosters, care models for post-acute COVID-19 syndrome

Peer reviewed journals featured:

- A systematic review on azithromycin in patients with COVID-19 here
- Randomised controlled trials of:
 - Novavax co-administered with seasonal influenza vaccines <u>here</u> and associated commentary <u>here</u>
 - Sarilumab in hospitalised adults with moderate-to-severe COVID-19 pneumonia (CORIMUNO-SARI-1) <u>here</u> and associated commentary <u>here</u>
 - Short-term oestradiol supplementation in symptomatic postmenopausal COVID-19 females <u>here</u>
- A modelling study on long-term SARS-CoV-2 infections, the emergence of variants, and the risk of treatment failure <u>here</u>

Pre-peer review articles featured:

- Antibody titres before and after booster doses of mRNA vaccines in healthy adults here
- Care models for post-acute COVID-19 syndrome here
- Myocarditis and pericarditis following COVID-19 vaccination <u>here</u>
- Low neutralising antibody titres against the Mu variant in Comirnaty (Pfizer) vaccinated people here
- Effectiveness of digital contact tracing for COVID-19 in New South Wales here
- Reduced incidence of post-acute COVID-19 syndrome symptoms related to administration of COVID-19 vaccines <u>here</u>

Guidance and reports

- The World Health Organization published an updated COVID-19 vaccine tracker <u>here</u>, its weekly epidemiological report on COVID-19 <u>here</u>, and the landscape of observational studies on the effectiveness of COVID-19 vaccination <u>here</u>
- The Infectious Diseases Society of America published guidelines on infection prevention for healthcare personnel caring for patients with suspected or known COVID-19 <u>here</u>



News and blogs

- Austria enters lockdown as cases surge across Europe here
- AstraZeneca's antibody drug AZD7442 is effective for preventing and reducing severe illness here

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on <u>COVID-19 transmission</u>, SARS-CoV-2 <u>vaccines</u>, and <u>variants</u> of concern, <u>post-acute sequelae of</u> <u>COVID-19 (PASC)</u>, <u>surgery and COVID-19</u>, <u>rapid testing</u> and <u>risk mitigation strategies</u>.



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