COVID-19 Critical Intelligence Unit

Daily evidence digest

12 July 2021

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

Phase 3 trial of CoronaVac, guidance for healthcare leaders, sensitivity of Delta variant to antibody neutralisation, COVID-19 endgame scenarios

Peer reviewed journals featured:

- Phase 3 trial for CoronaVac an inactivated whole-virion vaccine produced by Sinovac here
- Guidance for healthcare leaders during the recovery stage of COVID-19 here
- Observational studies on:
 - o Reduced sensitivity of Delta variant to antibody neutralisation here
 - o Scientists' opinions on immunity certificates, fairness and inequality here
 - Compliance with COVID-19 guidelines following vaccination in the UK <u>here</u>
 - Serologic status and toxic effects of Pfizer vaccine in patients treated for cancer <u>here</u>
 - The effect of methotrexate and targeted immunosuppression on humoral and cellular immune responses to Pfizer vaccine <u>here</u>
 - Neutralisation of Beta and Delta variants with sera of COVID-19 recovered cases and vaccinees of Bharat Biotech COVID-19 vaccine (Covaxin) here
- An editorial on mandatory COVID-19 vaccination for care home workers in England here
- Commentary on:
 - o COVID-19 origins here and associated editorial here
 - o Networks of SARS-CoV-2 transmission here
 - o Potential COVID-19 endgame scenarios here
 - o The future trajectory of COVID-19 here

Letters and correspondence discussed:

• Asymptomatic and symptomatic COVID-19 infections in healthcare personnel here

Guidance and reports

- The World Health Organization published an assessment tool for COVID-19 case management capacities <u>here</u>
- The Australian COVID-19 Surveillance Team published its latest epidemiology report here
- The TGA released its COVID-19 weekly vaccine safety report here
- The BMJ updated its best practice guide on COVID-19 <u>here</u>



News and blogs

- Will COVID-19 become a disease of the young? here
- The US president renews vaccines push as cases and deaths rise among unvaccinated people here
- Rapid testing cuts cases in pilot but questions remain over lateral flow tests in the UK here
- The guest to find genes that drive severe COVID-19 here
- A correlate of protection for SARS-CoV-2 vaccines <u>here</u>
- COVID-19 and schools here

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on COVID-19 transmission, SARS-CoV-2 vaccines, and variants of concern, and post-acute sequelae of COVID-19 (PASC).

