COVID-19 Critical Intelligence Unit

Daily evidence digest

5 November 2021

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

COVID-19 vaccination in children, immune responses of neonates, elimination vs mitigation strategies

Peer reviewed journals featured:

- A narrative review on COVID-19 vaccination in children here
- Observational studies on:
 - o Immune response of neonates born to mothers infected with SARS-CoV-2 here
 - o Mobility metrics from mobile phone data and SARS-CoV-2 transmission in the US here
 - The long-term persistence of SARS-CoV-2 neutralising antibody responses after infection and estimates of protection period <u>here</u>
- Commentary on elimination versus mitigation of SARS-CoV-2 in the presence of vaccines here

Letters and correspondence discussed:

- COVID-19 vaccination in pregnancy <u>here</u>
- Phase 3 trial of Spikevax (Moderna) during the Delta variant surge here
- Neutralisation of the Mu variant by convalescent and vaccine serum <u>here</u>

Guidance and reports

- The World Health Organization published:
 - Guidance on the use of COVAXIN® COVID-19 vaccine here and news release here
 - Updates of its weekly operational report on COVID-19 <u>here</u>

News and blogs

A NEJM audio interview on whether we have the tools to end the COVID-19 pandemic here

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