COVID-19 Critical Intelligence Unit

Daily evidence digest

12 February 2021

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

SARS-CoV-2 genome and antibodies in breastmilk, transmission rates in specific settings, Moderna and Pfizer vaccine efficacy against variants

Peer reviewed journals featured:

- Systematic reviews on:
 - SARS-CoV-2 genome and antibodies in breastmilk here
 - o Transmission rates of SARS-CoV-2 in specific settings here
 - o Comparing saliva and nasopharyngeal swab specimens for SARS-CoV-2 detection here
 - o Telemedicine and e-Health research solutions for combatting COVID-19 here
- A review on the impacts of dexamethasone treatment for COVID-19 patients <u>here</u>
- A cohort study on Moderna and Pfizer-BioNTech vaccine-elicited antibodies to variants here
- An observational study on clinical frailty score and hospital mortality among COVID-19 patients in Europe here
- A survey based study conducted in April-May 2020 on burnout and psychological distress among Australian healthcare workers <u>here</u>
- Commentary on:
 - Fast track versus efficacy in SARS-CoV-2 vaccines here
 - o Mistruths and misunderstandings about COVID-19 death numbers in the UK here
- An editorial on communication, language and changing the COVID-19 conversation here

Letters and correspondence discussed:

- Resilience, emotion and social support in frontline healthcare workers during COVID-19 here
- Rapid spread of multidrug-resistant gram-negative bacteria in COVID-19 units in the US here

Guidance and reports

- The World Health Organization published interim recommendations for use of the Astra-Zeneca (AZD1222) vaccine here and a supporting background paper here
- The Organization for Economic Cooperation and Development published a policy brief on primary healthcare and system adaption during COVID-19 here



News and blogs

- Trust in COVID-19 vaccines is growing here
- Public health, trust and tools to stop viral transmission <u>here</u>

<u>Click here</u> to subscribe to the daily evidence digest.

Emerging evidence on vaccines and variants of concern is incorporated daily into Living Evidence Tables <u>available here</u>

