COVID-19 Critical Intelligence Unit

Daily evidence digest

5 May 2022

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

Remdesivir for hospitalised COVID-19 patients, Omicron BA.4 and BA.5 lineages, BA.2.12.1

Peer reviewed journals featured:

- The WHO solidarity randomised trial on remdesivir and three other drugs for hospitalised COVID-19
 patients <u>here</u> and associated commentary <u>here</u>
- Observational studies on:
 - Maternal and perinatal outcomes associated with SARS-CoV-2 infection in pregnancy here
 - Relationship between social activity and loneliness in depressed people over 14-days of physical isolation during COVID-19 in Australia <u>here</u>
 - o Long-term mortality following SARS-CoV-2 infection in Estonia here
- Commentary on sustainable development goals after the pandemic here

Pre-peer review articles featured:

- New BA.4 and BA.5 lineages of Omicron identified in South Africa here
- BA.2.12.1, BA.4 and BA.5 escape antibodies elicited by Omicron infection here
- Describing COVID-19 patients in the first two months of Paxlovid (nirmatrelvir/ritonavir) initiation in Israel <u>here</u>
- Comparison of COVID-19 outcomes between patients infected with Omicron and Delta variants here

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Living Evidence Tables

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

