COVID-19 Critical Intelligence Unit

Daily evidence digest

3 March 2022

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

Remdesivir for COVID-19 adults, COVID-19 infection in adults with intellectual disabilities, prescribing nirmatrelvir–ritonavir (PAXLOVID)

Peer reviewed journals featured:

- Systematic reviews on:
 - o Remdesivir for adults with COVID-19 here and practice points here
 - o SARS-CoV-2 detection in saliva collected passively without forceful coughing here
 - Humoral immune response 6 months post mRNA vaccination here
- Observational studies on:
 - o COVID-19 infection and outcomes in adults with intellectual disabilities here
 - o Long COVID (post-acute COVID-19 syndrome) in Northwest Spain here
 - COVID-19 post-acute sequelae here
 - Pupil-to-pupil SARS-CoV-2 transmission and the impact of lateral flow testing in English secondary schools <u>here</u>
- Commentary on prescribing nirmatrelvir–ritonavir (PAXLOVID) here

Pre-peer review articles featured:

- Comparison of rapid antigen tests' performance between Delta and Omicron (B.1.1.529; BA1) here
- Different efficacies of neutralising antibodies and antiviral drugs on Omicron subvariants here
- Medium-term impacts of COVID-19 waves on treating non-COVID-19 patients in ICU in Japan here
- Effect of booster vaccination against Delta and Omicron variants in Iceland here
- Disparity between national and institution-based testing for case detection here

Guidance and reports

- The World Health Organization published:
 - Recommendations on safe schooling during COVID-19 <u>here</u>
 - Updates of its COVID-19 epidemiological report <u>here</u>, operational report <u>here</u>, COVID-19 vaccine tracker <u>here</u>, and the landscape of observational studies on the effectiveness of COVID-19 vaccination <u>here</u>

News and blogs

Hundreds of COVID-19 trials could provide a deluge of new drugs <u>here</u>

