COVID-19 Critical Intelligence Unit

Evidence digest

3 March 2023

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

Remdesivir, the Outbreak.info research platform, telehealth outpatient palliative care, orthostatic tachycardia after COVID-19

Peer reviewed journals featured:

- Systematic reviews and meta-analyses on:
 - o Remdesivir in hospitalised COVID-19 patients here and associated commentary here
 - o Efficacy of COVID-19 vaccines and the dose-response relationship here
- A narrative review on a research library, Outbreak.info here
- A practice guide on orthostatic tachycardia after COVID-19 here
- Observational studies on:
 - Hospital-in-the-Home for acute care of children during COVID-19 here
 - Acute and post-acute COVID-19 outcomes in immunologically naive adults during Delta vs Omicron waves here
 - Antibody levels in haematopoietic stem cell transplant and cell therapy recipients one year after vaccination here
- A qualitative study on telehealth outpatient palliative care during COVID-19 here
- Commentary on:
 - Key paediatric public policy priorities as the COVID-19 pandemic persists <u>here</u>
 - o COVID-19 in Australia here

Letters and correspondence discussed:

Hypertension and severe COVID-19 <u>here</u> and authors' reply <u>here</u>

Pre-peer review articles featured:

- Changes in the respiratory tract and gut antibiotic resistome of COVID-19 patients and its association with disease severity <u>here</u>
- Global evidence on the economic effects of disease suppression during COVID-19 here
- Genomic determinants of long COVID here
- COVID-19 impact on anti-psychotic prescribing in people living in a care home here
- Effectiveness and safety of remdesivir in hospitalised COVID-19 patients (ReEs-COVID19) here
- Task shifting healthcare services in the post-COVID world here
- Event rate and predictors of long COVID and the average time to diagnosis here



Guidance and reports

- The World Health Organisation published:
 - o its weekly epidemiological COVID-19 report here
 - o a presentation on the current COVID-19 situation here
- The Australian Technical Advisory Group Immunisation (ATAGI) released recommendations on use of the Moderna bivalent (Original/Omicron BA.4/5) COVID-19 vaccine here

News and blogs

- COVID-19 death rate gap for ethnic minorities closes in England here
- COVID-19 infection protects against severe disease 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 vaccines, and variants of concern, and post-acute seguelae of COVID-19 (long COVID).

