COVID-19 Critical Intelligence Unit

Daily evidence digest

9 September 2021

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

Readmitted COVID-19 survivors, Pfizer in pregnancy, learning to live with COVID-19 in Australia

Peer reviewed journals featured:

- · Systematic reviews on:
 - o The characteristics and outcomes of readmitted COVID-19 survivors here
 - The prevalence of right ventricular dysfunction and impact on all-cause death in hospitalised COVID-19 patients here
- A validation study of parsimonious prognostic models for patients infected with COVID-19 here
- A narrative review on SARS-CoV-2 specimen pooling for high throughput diagnostic testing <u>here</u>
- Observational studies on:
 - Short-sightedness in children associated with home schooling and confinement <u>here</u>
 - o A cost-utility analysis on treatment for moderate to severe COVID-19 here
 - o Uric acid as a prognostic factor and critical marker of COVID-19 here
 - Effectiveness of Pfizer vaccine in pregnancy here
 - Adverse events after mRNA vaccination <u>here</u> and an associated editorial <u>here</u>
- A survey on school closures and associated impact on child mental health during COVID-19 here
- Commentary on:
 - Learning to live with COVID-19 in Australia <u>here</u>
 - o COVID-19 ward system to mitigate limited ICU availability in Brazil here
 - o Lessons from the three waves of COVID-19 in NSW from 2020 here
- An editorial on the need for continuous adaptation to COVID-19 here

Letters and correspondence discussed:

The impact of specific cytokine directed treatment on severe COVID-19 here



Pre-peer review articles featured:

- Effectiveness of the Pfizer vaccine six months after vaccination in Israel here
- The prevalence of adaptive immunity to COVID-19 and reinfection after recovery here
- Comparison of COVID-19 severity and mortality in hospitalised patients in the first and second (Delta) wave in India here
- Assessment of post-acute COVID-19 syndrome neuropsychiatric symptoms in children and adolescents <u>here</u>

Guidance and reports

- The World Health Organization published:
 - The latest edition of the Eurohealth, which features articles on COVID-19, public health leadership, and the opportunity to strengthen health system governance <u>here</u>
 - Updates of its COVID-19 epidemiological report <u>here</u>, COVID-19 vaccine tracker <u>here</u>, and COVID-19 operational report <u>here</u>
- The Therapeutic Goods Administration (TGA) published guidance on COVID-19 rapid antigen tests here

News and blogs

• Kids and COVID-19 - why young immune systems are still on top here

Click here to subscribe to the daily evidence digest.

Living Evidence Tables

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



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