

COVID-19 Critical Intelligence Unit

Daily evidence digest

19 January 2022

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

Healthcare use by children post-COVID, post-acute neurological consequences of COVID-19, T-cell responses to Omicron

Peer reviewed journals featured:

- Observational studies on:
 - Healthcare use in children and adolescents 6 months after COVID-19 [here](#)
 - Coronal postmortem reports and indirect COVID-19-related mortality in the UK [here](#)
 - T-cell immune responses to SARS-CoV-2 spike (S) and nucleocapsid (N) protein in laboratory workers with and without SARS-CoV-2 infection in South Africa [here](#)
- Commentary on post-acute neurological consequences of COVID-19 [here](#)

Letters and correspondence discussed:

- Reduced sensitivity of Omicron variant to antibody neutralisation elicited by booster vaccination [here](#)

Pre-peer review articles featured:

- T-cell responses to the Omicron variant [here](#)
- Waning effectiveness of mRNA vaccines in older adults [here](#)

News and blogs

- Severe complications during pregnancy are more common in unvaccinated women [here](#)
- The focus should be on new vaccines rather than boosters [here](#)
- TGA recognises the Gamaleya Institute vaccine (Sputnik V) for international travel to Australia [here](#)

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Living Evidence Tables

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