

## Daily evidence digest

4 March 2022

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

### Vaccine effectiveness against Omicron, wearable devices that detect COVID-19, the US COVID-19 preparedness plan

#### Peer reviewed journals featured:

- Narrative reviews on:
  - Analgesics and antipyretics in managing symptoms associated with COVID-19 vaccination [here](#)
- Observational studies on:
  - COVID-19 vaccine effectiveness against the Omicron variant [here](#)
  - Detection of COVID-19 using multimodal data from a wearable device [here](#)
  - Association between two mass-gathering outdoor events and incidence of SARS-CoV-2 infections in north-east Spain [here](#)
- Commentary on delivering pandemic vaccines in 100 days [here](#)

#### Letters and correspondence discussed:

- Johnson & Johnson (Janssen) vs Comirnaty (Pfizer) vaccines for COVID-19 hospitalisations [here](#)
- Association of COVID-19 infection with survival after in-hospital cardiac arrest in US adults [here](#)
- Durability of Omicron-neutralising serum activity after mRNA booster in older adults [here](#)

#### Pre-peer review articles featured:

- Myocarditis and pericarditis following COVID-19 vaccination [here](#)
- COVID-19 patients with chronic lymphocytic leukemia and risk of death from Omicron variant [here](#)

#### Guidance and reports

- The World Health Organization published a scientific brief on mental health and COVID-19 [here](#)
- The US Government released its national COVID-19 preparedness plan [here](#)
- The Australian Technical Advisory Group on Immunisation (ATAGI) published guidance on the use of a booster dose of COVID-19 vaccine [here](#)

## News and blogs

- COVID-19 pandemic triggers 25% increase in prevalence of anxiety and depression worldwide [here](#)
- One year after SARS-CoV-2 infection, patients have an array of increased cardiovascular risks [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](#).