

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

Sustainable futures after COVID-19, effectiveness of Comirnaty and Vaxzevria against household transmission, Omicron variant of concern

Peer reviewed journals featured:

- A systematic review on acid suppressant use associated with severe outcomes of COVID-19 [here](#)
- A narrative review on losses, hopes, and expectations for sustainable futures after COVID-19 [here](#)
- Observational studies on:
 - Anti-viral responses in paediatric COVID-19 patients [here](#)
 - SARS-CoV-2 transmission across age groups and implications for control [here](#)
- Commentary on:
 - Headlines play down the gravity of COVID-19 in children [here](#)
 - China's "zero tolerance" public health measures [here](#)

Letters and correspondence discussed:

- The impact of COVID-19 on mental health of middle-aged and older adults [here](#)
- SARS-CoV-2 antigen-detecting rapid tests for the Delta variant [here](#)

Pre-peer review articles featured:

- SARS-CoV-2 reinfection outcome, risk factors and vaccine efficacy in Scotland [here](#)
- Effectiveness of Comirnaty (Pfizer) and Vaxzevria (AstraZeneca) against SARS-CoV-2 household transmission [here](#)

Guidance and reports

- New variant of concern **Omicron** (B.1.1.529) designated by the World Health Organization on 26 November 2021. First reported to the WHO from South Africa on the 24 November 2021. The variant has 50 mutations, including over 30 mutations on its spike protein. It has been detected in NSW, Botswana, South Africa, Belgium, Israel, Hong Kong, United Kingdom, Italy, Germany, and the Czech Republic [here](#)
- The US Centers for Disease Control and Prevention released an updated report on risk for stillbirth among women with and without COVID-19 at delivery hospitalisation [here](#)
- Updates to the BMJ Best Practice guide on COVID-19 [here](#)

News and blogs

- Heavily mutated coronavirus variant puts scientists on alert [here](#)
- Evidence-based COVID-19 policy-making in schools [here](#)
- COVID-19 vaccine makers plan for annual boosters [here](#)

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Living Evidence Tables

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