

Daily evidence digest

27 January 2022

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

Non-invasive respiratory strategies in COVID-19, high-dose polyclonal intravenous immunoglobulin, curcumin in treating COVID-19

Peer reviewed journals featured:

- Systematic reviews on:
 - Awake prone positioning, high-flow nasal oxygen, and non-invasive ventilation as non-invasive respiratory strategies in COVID-19 acute respiratory failure [here](#)
 - High-dose polyclonal intravenous immunoglobulin in COVID-19 [here](#)
 - Curcumin for hospitalised COVID-19 patients [here](#)
 - Vaccines to prevent COVID-19 [here](#)
- Randomised clinical trials of:
 - Non-invasive respiratory strategies on intubation or mortality in COVID-19 patients with acute hypoxemic respiratory failure [here](#) and associated editorial [here](#)
 - Quercetin for preventing symptomatic COVID-19 [here](#)
- Observational studies on:
 - COVID-19 school closure and children's social relationships in Japan [here](#)
 - Bacterial filtration efficiency vs. particle filtration efficiency non-medical face masks [here](#)
 - Clinical outcomes in patients at 1-year survival after ICU treatment for COVID-19 [here](#)
- Commentary on:
 - The end of the pandemic [here](#)
 - Preventing SARS-CoV-2 transmission in healthcare settings during the Omicron outbreak [here](#)

Letters and correspondence discussed:

- COVID-19 and endemicity [here](#)
- Vaccine booster efficiently inhibits entry of Omicron variant [here](#)
- Incidence of new-onset Type 1 Diabetes among US children during COVID-19 [here](#)

Pre-peer review articles featured:

- The impact of accelerating booster vaccination amidst Omicron surge in the US [here](#)
- Serial intervals in Omicron cases compared to Delta variant in the Netherlands [here](#)

Guidance and reports

- The World Health Organization published:
 - A revised WHO SAGE roadmap for prioritising use of COVID-19 vaccines [here](#)
 - An updated technical report on methods for the detection and characterisation of SARS-CoV-2 variants [here](#)
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [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](#).