

Daily evidence digest

11 May 2022

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

Mortality among patients with cancer and SARS-CoV-2, fourth-dose mRNA vaccine boosters, efficacy of monoclonal antibodies against Omicron

Peer reviewed journals featured:

- A systematic review on clinical outcomes for patients with both cancer and SARS-CoV-2 infection [here](#)
- A randomised controlled trial of fourth-dose mRNA vaccine boosters [here](#)
- Observational studies on:
 - Neutralising antibody response to SARS-CoV-2 variants after 2 to 3 doses of Comirnaty (Pfizer) vaccine [here](#)
 - Proton pump inhibitor therapy usage and associated hospitalisation rates and critical care outcomes of COVID-19 patients [here](#)
 - The third dose of Comirnaty (Pfizer) vaccine compared to the second [here](#)
 - Trends in treatment of colorectal cancer and short-term outcomes in Sweden [here](#)
 - COVID-19-related changes in CPAP outpatient setup pathways for obstructive sleep apnoea [here](#)
- A modelling study on cross-country variation in effectiveness of non-pharmaceutical interventions [here](#)

Letters and correspondence discussed:

- A web-based app to provide personalised recommendations for COVID-19 [here](#)
- A glucose-like metabolite deficient in diabetes inhibits cellular entry of SARS-CoV-2 [here](#)

Pre-peer review articles featured:

- Exploratory data on the clinical efficacy of monoclonal antibodies against Omicron variant [here](#)

Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)

News and blogs

- How Hong Kong's vaccination missteps led to the world's highest COVID-19 death rate [here](#)

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on 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](#).