

Daily evidence digest

7 March 2022

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

Vaccines in immunocompromised patients, one-year outcomes post-pneumonia, processes and outcomes in dedicated COVID-19 hospitals

Peer reviewed journals featured:

- A systematic review on COVID-19 vaccines in immunocompromised patients [here](#)
- A randomised clinical trial of azithromycin for treating hospitalised COVID-19 patients [here](#)
- A phase 2 trial of the immune response to SARS-CoV-2 after Spikevax (Moderna) booster [here](#)
- Observational studies on:
 - One-year radiological, functional, and quality-of-life outcomes in SARS-CoV-2 pneumonia patients [here](#)
 - The comparison of patient care treated at hospitals dedicated for COVID-19 care vs other hospitals [here](#)
 - COVID-19 effects on gender equality in health, social, and economic indicators [here](#)
 - The risk of COVID-19 resurgence relating to variants and vaccination passes [here](#)
 - Viral load of SARS-CoV-2 in droplets and bioaerosols captured during breathing, speaking, and coughing [here](#)
 - Estimating COVID-19 transmission using distribution of population-level viral load [here](#)
 - Cognitive and psychiatric subacute impairment in severe COVID-19 [here](#)
 - Estimating SARS-CoV-2 infection levels from wastewater concentrations [here](#)
 - Effectiveness of Comirnaty (Pfizer) vaccine in US adolescents [here](#)
- An editorial on the authorisation of molnupiravir in the UK [here](#)
- Commentary on
 - Objectives of travel measures in the SARS-CoV-2 variant era [here](#)
 - The language of “living with COVID”? [here](#)

Letters and correspondence discussed:

- Response to additional COVID-19 vaccine doses in people who are immunocompromised [here](#)
- Defining post-COVID-19 condition [here](#)

Pre-peer review articles featured:

- Duration of viable virus shedding in Omicron variant infection [here](#)

Guidance and reports

- The World Health Organization published guidance on therapeutics [here](#), [here](#), and [here](#)
- The UK Nuffield Trust released a report on international lessons for health system recovery from COVID-19 [here](#)

News and blogs

- NEJM audio interview on using COVID-19 experience to develop vaccines more quickly [here](#)
- Anti-inflammatory treatment baricitinib reduces deaths in patients admitted to hospital [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](#).