

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

Casirivimab and imdevimab, Comirnaty (Pfizer) booster effectiveness, COVID-19 therapeutics for non-hospitalised patients

Peer reviewed journals featured:

- A randomised clinical trial of subcutaneous casirivimab and imdevimab combination in early asymptomatic infection [here](#) and associated editorial [here](#)
- Observational studies on:
 - Comirnaty (Pfizer) booster effectiveness against COVID-19 related symptoms and hospitalisation in England [here](#)
 - Association between sex and COVID-19 Intensive Care Unit survival [here](#)
 - Ancestral SARS-CoV-2-specific T cell recognition of Omicron [here](#)
 - Work-related and personal predictors of COVID-19 transmission [here](#)
- A modelling study on alternative school closure strategies against COVID-19 [here](#)
- Commentary on:
 - COVID-19 therapeutics for non-hospitalised patients [here](#)
 - All-cause excess mortality in England [here](#)

Pre-peer review articles featured:

- Omicron variant neutralisation after heterologous vaccine boosting [here](#)
- Clinical severity of the Omicron variant in the Western Cape Province, South Africa [here](#)
- Viral dynamics and duration of PCR positivity of the Omicron variant [here](#)

Guidance and reports

- The World Health Organization published:
 - A clinical practice guideline on drugs for COVID-19 [here](#)
 - An updated guide on therapeutics and COVID-19 [here](#)
- The BMJ updated its best practice guide on COVID-19 [here](#)

News and blogs

- Omicron variant is linked to steep rise in hospital admissions of very young children [here](#)
- Warning over transmission risk as self-isolation is cut to five days in England [here](#)
- WHO recommends baricitinib and sotrovimab to treat COVID-19 [here](#) and [here](#)
- ‘Killer’ immune cells still recognise the Omicron variant [here](#)
- COVID-19 vaccine focused on T-cell response promising in early trial [here](#)
- Studies suggest COVID-19 vaccine boosters save lives [here](#)
- COVID-19 vaccines safely protect pregnant people [here](#)
- The COVID-19 generation - how is the pandemic affecting kids’ brains? [here](#)
- Preparing hospitals’ medical oxygen delivery systems for respiratory diseases [here](#)
- NEJM audio interview on COVID-19 takeaways after two years of podcasts [here](#)
- Omicron thwarts some of the world’s most-used COVID-19 vaccines [here](#)
- The peak of viral shedding is later with Omicron variant [here](#)
- Omicron drives weekly record high in global infections [here](#)
- We have good treatments for Omicron, but questions remain [here](#)
- Military drafted in to tackle staffing crisis in London hospitals [here](#)
- The fourth dose of COVID-19 vaccines in Israel [here](#)
- The origin of SARS-CoV-2 variants of concern [here](#)
- The role of antiviral treatment in COVID-19 [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](#).