

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

Atorvastatin, false-positive RATs, heterologous boosters, TGA provisional determination for EVUSHELD

Peer reviewed journals featured:

- A randomised controlled trial of atorvastatin in patients with COVID-19 in intensive care [here](#)
- Observational studies on:
 - Inappropriate sinus tachycardia in post-COVID-19 syndrome [here](#)
 - False-positive results in rapid antigen tests for SARS-CoV-2 [here](#)
 - Effect of COVID-19 vaccination on transmission of Alpha and Delta variants [here](#)
 - SARS-CoV-2 reinfection rate and estimated BBV152 vaccine effectiveness in India [here](#)
- Commentary on:
 - US national strategies for COVID-19 medical countermeasures [here](#), the “new normal” of life with COVID-19 [here](#) and testing, surveillance, and mitigation strategies [here](#)
 - COVID-19 lessons to improve preparedness for the next pandemic [here](#)
 - Rapid diagnostic testing for SARS-CoV-2 [here](#)
 - The benefits, costs and feasibility of a low incidence COVID-19 strategy [here](#)
 - Targeted use of lateral flow tests for COVID-19 in England [here](#)
 - Addressing NHS workforce gaps [here](#)
 - Extended closures of schools in future lockdowns in England [here](#)

Letters and correspondence discussed:

- Self-reported gustatory dysfunction in patients with long-term COVID-19 [here](#)

Pre-peer review articles featured:

- Humoral responses to COVID-19 mRNA vaccine regimen in older adults [here](#)
- Antibody response against Omicron variant in kidney transplant recipients [here](#)
- Protection from prior infection against SARS-CoV-2 reinfection with the Omicron variant [here](#)
- Waning effectiveness of the Comirnaty vaccine against infection in adolescents [here](#)
- Heterologous immunisation against the SARS-CoV-2 Omicron variant [here](#)
- Effectiveness of Moderna vaccine against SARS-CoV-2 Omicron and Delta variants [here](#)
- Vaccination status and reported incidence of post-acute COVID-19 symptoms in Israel [here](#)
- T-cell reactivity to Omicron variant in prior infected and vaccinated individuals [here](#)

- COVID-19-associated hospitalisations among children under 12 years of age in the US [here](#)
- Fully vaccinated and boosted patients requiring hospitalisation for COVID-19 [here](#)
- An economic evaluation of government funded rapid antigen tests in Australia [here](#)
- Test to release from isolation after testing positive for SARS-CoV-2 [here](#)
- Interferon antagonism and drug sensitivity in Omicron compared to Delta [here](#)
- Effects of varying approaches to lifting COVID-19 pandemic restrictions in the US [here](#)
- The epidemiological impact of the Canadian COVID Alert app [here](#)
- Effect of vaccination on household transmission of SARS-CoV-2 Delta variant [here](#)
- Infectious disease dynamics and restrictions on social gathering size [here](#)

Guidance and reports

- The World Health Organization published:
 - COVID-19 vaccine tracker and landscape [here](#)
 - Weekly epidemiological update on COVID-19 [here](#)
 - Posters for casirivimab and imdevimab for COVID-19 [here](#)

News and blogs

- TGA grants provisional determination for tixagevimab and cilgavimab (EVUSHELD) [here](#)
- Immunity against Omicron from breakthrough infection could be a matter of timing [here](#)
- Omicron's feeble attack on the lungs could make it less dangerous [here](#)
- NEJM audio interview on the COVID-19 outlook in Europe [here](#)
- Shorter isolation periods to relieve NHS pressures [here](#)
- Fourth vaccine doses [here](#)
- Vaccination during pregnancy [here](#)
- Positive lateral flow tests no longer require PCR confirmation in England [here](#)
- Military medics sent to hardest hit hospitals as US records a million cases a day [here](#)
- Omicron fourth wave peak has passed in South Africa [here](#)
- Unvaccinated patients in UK hospitals [here](#)
- NHS trusts declare "critical incidents" because of staff shortages [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](#).