

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

### Telerehabilitation post-discharge, effects of previous infection & vaccination on Omicron infection, research questions on long COVID

#### Peer reviewed journals featured:

- Systematic reviews on:
  - Remdesivir in treating COVID-19 inpatients receiving supplemental oxygen [here](#)
  - Multiple sclerosis disease-modifying therapies and COVID-19 vaccines [here](#)
- Randomised trials of:
  - A telerehabilitation program in post-discharge COVID-19 patients (TERECO) [here](#)
  - Vaxzevria (AstraZeneca) vaccine in children and adolescents aged 6–17 years [here](#)
  - Text messaging and behavioural interventions supporting COVID-19 vaccination [here](#)
- A narrative review on COVID-19 and liver disease [here](#)
- Observational studies on:
  - Effects of previous infection and vaccination on symptomatic Omicron infections [here](#)
  - Immune boosting by Omicron and previous SARS-CoV-2 exposure [here](#)
  - Risk of myocarditis and pericarditis after mRNA vaccination in the US [here](#)
  - Change in COVID-19 risk over time following vaccination with CoronaVac [here](#)
  - COVID-19 trajectories among 57 million adults in England [here](#)
  - Efficacy and safety of COVID-19 revaccination in non-responders with immune-mediated inflammatory disease [here](#)
  - Comirnaty (Pfizer) vaccine and booster in autoimmune rheumatic disease patients [here](#)
  - Sociodemographic inequality in COVID-19 vaccination uptake in England [here](#) and in COVID-19 burden in Israel [here](#)
  - “Long COVID” results after hospitalisation for SARS-CoV-2 infection [here](#)
  - Waning effectiveness of the third dose of Comirnaty (Pfizer) vaccine [here](#)
  - Prevalence of SARS-CoV-2 positivity in infants with bronchiolitis [here](#)
  - Selective visuoconstructional impairment following mild COVID-19 [here](#)
- An international Delphi consensus study on core outcomes for post-COVID-19 condition in adults for use in clinical practice and research [here](#)
- Commentary on 10 key research questions regarding the long-term sequelae of COVID-19 [here](#)
- An editorial on comorbidities and COVID-19 [here](#)

## Letters and correspondence discussed:

- Neutralisation of Omicron BA.4/5 and BA.2.12.1 subvariants [here](#)
- Neutralisation of Deltacron and BA.3 variants [here](#)
- The seroprevalence of SARS-CoV-2-specific antibodies in children in Australia [here](#)
- Oral antiviral treatment in patients with systemic rheumatic disease at risk of severe COVID-19 [here](#)
- Updated US infection- and vaccine-induced SARS-CoV-2 seroprevalence estimates based on blood donations [here](#)

## Pre-peer review articles featured:

- Neutralization of Omicron sublineages and Deltacron by 3 doses of Comirnaty (Pfizer) or BA.1 infection [here](#)

## Guidance and reports

- The World Health Organization published:
  - Updates of its COVID-19 epidemiological report [here](#)
  - Guidance on integrated sentinel surveillance of influenza and SARS-CoV-2 using the Global Influenza Surveillance and Response System Plus [here](#)
  - A report on disease severity associated with Omicron compared with Delta in hospitalised patients with suspected or confirmed SARS-CoV-2 infection [here](#)
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)

## News and blogs

- UK patients without respiratory symptoms no longer need to wear a face mask in GP surgeries [here](#)
- Unusable PPE worth £4bn will be burned [here](#)
- New COVID-19 drugs face delays as trials grow more difficult [here](#)
- COVID-19 and smell loss [here](#) and [here](#)
- Omicron infection is poor booster to immunity [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 \(long COVID\)](#), [surgery and COVID-19](#), and [rapid testing](#).