

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

### Protection from natural immunity vs vaccination, heterologous vaccination, global response to Omicron, breakthrough infections, Omicron and Pfizer

#### Peer reviewed journals featured:

- Systematic reviews on:
  - Protection from natural immunity vs vaccination [here](#)
  - SARS-CoV-2 infection and vaccination in rheumatic and musculoskeletal diseases [here](#)
  - Infection prevention and control interventions to prevent nosocomial SARS-CoV-2 transmission [here](#)
- Randomised controlled trials of:
  - Heterologous mRNA, viral-vector, and protein-adjuvant vaccines in the UK [here](#) and associated commentary [here](#)
  - High-flow oxygen therapy vs conventional oxygen therapy in severe COVID-19 patients [here](#)
- An editorial on the global response to Omicron [here](#)
- Commentary on:
  - Serial rapid antigen testing among hospital staff in Singapore [here](#)
  - SARS-CoV-2 breakthrough infections in vaccinated individuals [here](#)

#### Letters and correspondence discussed:

- Herpes zoster reactivation after Spikevax (Moderna) vaccination in rheumatic disease patients [here](#)
- Mandatory COVID-19 vaccination for healthcare workers [here](#)

#### Pre-peer review articles featured:

- Vaccine breakthrough infections during the Delta variant wave in France [here](#)
- Omicron escape from Comirnaty (Pfizer) elicited neutralisation, and ACE2 binding [here](#)

#### Guidance and reports

- The World Health Organization published:
  - Updated COVID-19 epidemiological report [here](#), COVID-19 vaccine tracker [here](#), and operational report [here](#)
  - A living guideline on therapeutics and COVID-19 [here](#)

## News and blogs

- Will GPs boost the booster rollout? [here](#)
- “Mix and match” primary vaccines are safe and effective [here](#)
- What’s next for COVID’s viral evolution after Omicron [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](#).