

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

### Long COVID symptoms after COVID-19 vaccination, immune escape by Omicron variants, reinfections

#### Peer reviewed journals featured:

- Observational studies on:
  - Trajectory of long COVID symptoms after COVID-19 vaccination in the UK [here](#) and associated editorial [here](#)
  - Demographic and clinical factors associated with anti-SARS-CoV-2 antibody levels after 2 doses of Comirnaty (Pfizer) [here](#)
  - Clinical severity of COVID-19 in patients admitted to hospital during the Omicron wave in South Africa [here](#)
  - Trajectory patterns of SARS-CoV-2 neutralising antibody response in convalescent COVID-19 patients [here](#)
  - Immune responses in the respiratory tract and peripheral blood from hospitalised COVID-19 patients [here](#)
  - The association between maternal characteristics and SARS-CoV-2 in pregnancy [here](#)
- Modelling studies on:
  - Estimating the COVID-19 infection fatality ratio accounting for seroreversion [here](#)
  - SARS-CoV-2 transmission and impacts of unvaccinated-only screening in populations of mixed vaccination status [here](#)

#### Letters and correspondences discussed:

- Severity and incidence of multisystem inflammatory syndrome in children during 3 COVID-19 waves in Israel [here](#)

#### Pre-peer review articles featured:

- Neutralisation escape by the Omicron variants BA.2.12.1 and BA.4/BA.5 [here](#)
- Sequence proven SARS-CoV-2 reinfections at a large academic centre in the US [here](#)
- Real-world effectiveness of casirivimab and imdevimab among COVID-19 patients in the ambulatory setting [here](#)

## News and blogs

- Second boosters may benefit at-risk groups but have “minimal” impact for others [here](#)
- US hospitals continued to perform unnecessary surgeries during pandemic [here](#)
- The UK government failed to protect doctors during pandemic [here](#)

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### Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on 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](#).