

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

Vaccine side effects, ciclesonide for outpatients, COVID-19 in newborns, portable air purifiers to reduce airborne transmission

Peer reviewed journals featured:

- Systematic reviews on:
 - Adverse events in active and placebo groups in COVID-19 vaccine randomised trials [here](#)
 - Decreased mortality and increased side effects in COVID-19 patients treated with IL-6 receptor antagonists [here](#)
 - The efficacy and safety of Sarilumab in COVID-19 [here](#)
- Randomised controlled trials of:
 - Inhaled and intranasal ciclesonide for COVID-19 treatment in adult outpatients [here](#)
 - Seven day treatment with angiotensin II type 2 receptor agonist in hospitalised COVID-19 patients [here](#)
 - Nafamostat in hospitalised patients with moderate to severe COVID-19 pneumonia [here](#)
- A narrative review on inequalities in COVID-19 vaccine initiation by age and population in Israel [here](#)
- Observational studies on:
 - Illness severity indicators in newborns by COVID-19 status in the US [here](#)
 - Viral loads of Delta variant breakthrough infections after Comirnaty (Pfizer) vaccination and booster [here](#)
 - The effectiveness of Johnson & Johnson vaccine in preventing COVID-19 [here](#) and associated commentary [here](#)
 - Side effects and immunogenicity after Sputnik V vaccination [here](#)
 - Indirect impact of COVID-19 on hospital care pathways in Italy [here](#)
 - Optimising and evaluating PCR-based pooled screening in COVID-19 [here](#)
- An editorial on COVID-19 prevention in populations experiencing multiple social exclusions [here](#)

Pre-peer review articles featured:

- Using portable air purifiers to reduce airborne transmission of infectious respiratory viruses [here](#)

Guidance and reports

- The World Health Organization released updates of its COVID-19 epidemiological report [here](#) and COVID-19 vaccine tracker [here](#)

News and blogs

- Why scientists worldwide are watching UK COVID-19 infections [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](#).