

Daily evidence digest

21 July 2021

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

COVID-19 vaccines, tocilizumab and systemic corticosteroids, frequency and phenotype of headache in COVID-19 patients

Peer reviewed journals featured:

- Systematic reviews on:
 - Efficacy and effectiveness of COVID-19 vaccines against SARS-CoV-2 infection [here](#)
 - Tocilizumab and systemic corticosteroids in managing COVID-19 patients [here](#)
- A randomised trial of umifenovir in patients with moderate to severe COVID-19 [here](#)
- Observational studies on:
 - Ethnic differences in SARS-CoV-2 vaccine hesitancy in UK healthcare workers [here](#)
 - Frequency and phenotype of headache in COVID-19 patients [here](#)
 - SARS-CoV-2 vaccine effectiveness in a high-risk national population in a real-world setting [here](#)
- A commentary on the need for life-course study of children born to mothers with prior COVID-19 infection [here](#)

Letters and correspondence discussed:

- Sickle cell disorders and severe COVID-19 outcomes [here](#)
- Neonatal outcomes following maternal infection with SARS-CoV-2 [here](#)
- Screening for SARS-CoV-2 antigen before a live indoor concert [here](#) and associated editorial [here](#)
- Antidepressants and rimonabant as a potential COVID-19 treatment [here](#)

Pre-peer review articles featured:

- Viral load of SARS-CoV-2 in respiratory aerosols emitted by breathing, talking and singing [here](#)
- The incidence and in-hospital mortality of COVID-19 patients post-vaccination in eastern India [here](#)
- The role of vaccination in Australia's COVID-19 public health response [here](#)

Guidance and reports

- The World Health Organization published:
 - Recommendations from the European Technical Advisory Group on mental health impacts of COVID-19 [here](#)
 - Guidance for clinical case management of thrombosis with thrombocytopenia syndrome (TTS) following vaccination to prevent COVID-19 [here](#)

News and blogs

- Fully vaccinated NHS staff may not need to self-isolate in England [here](#)
- Experts condemn UK “Freedom day” as dangerous and unethical [here](#)
- Myanmar’s latest military strategy to undermine resistance to COVID-19 vaccine [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 \(PASC\)](#), and [surgery and COVID-19](#).