

Daily evidence digest

27 July 2021

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

Enoxaparin in severe COVID-19, high-dose parenteral vitamin D3, improving healthcare delivery, reinfections

Peer reviewed journals featured:

- A randomised controlled trial on standard prophylactic versus intermediate dose enoxaparin in adults with severe COVID-19 [here](#)
- Observational studies on:
 - The effect of high-dose parenteral vitamin D3 on in-hospital mortality in critical COVID-19 patients in ICU admission [here](#)
 - Comparing the diagnostic accuracy of point-of-care lateral flow antigen testing for SARS-CoV-2 with RT-PCR in primary care (REAP-2) [here](#)
 - Epidemic psychology and Twitter during COVID-19 [here](#)
 - Humoral and cellular immunity to SARS-CoV-2 vaccination in renal transplant versus dialysis patients [here](#)
 - SARS-CoV-2 acquisition and immune pathogenesis among school-aged learners [here](#)
 - COVID-19 as a catalyst for change in acute mental health services [here](#)
- A NEJM case report of a 76-year-old woman who died from COVID-19 [here](#)
- An editorial on nine lessons learned from COVID-19 for improving healthcare delivery [here](#)

Letters and correspondence discussed:

- Axillary adenopathy in breast imaging after COVID-19 vaccination [here](#)
- Antibody response after a third dose of the Moderna vaccine in kidney transplant recipients [here](#)

Pre-peer review articles featured:

- A systematic review on COVID-19 reinfections [here](#)
- Profiling lockdown adherence and poor coping responses towards the COVID-19 crisis [here](#)
- Time trends and factors related to COVID-19 vaccine hesitancy in the US [here](#)
- A maternity dashboard to monitor perinatal outcomes for COVID-19 in Melbourne [here](#)
- The reduced neutralising activity of post-SARS-CoV-2 vaccination serum against Delta, Beta, Alpha variants and a sub-variant of Lambda [here](#)
- Sociodemographic differences in patient experience with virtual care during COVID-19 [here](#)

Guidance and reports

- The World Health Organization's Technical Advisory Group (TAG) on safe schooling during COVID-19 published advice [here](#)
- Public Health England published an update on SARS-CoV-2 variants of concern and variants under investigation [here](#)
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)
- The Therapeutic Goods Administration published:
 - Provisional approval of Pfizer vaccine to include 12-15 years age group [here](#)
 - Pfizer COVID-19 vaccine (COMIRNATY) - addition of safety information on myocarditis and pericarditis [here](#)

News and blogs

- A longer interval between Pfizer doses results in higher antibody levels [here](#)
- Managing rising COVID-19 cases in ICU in the UK [here](#)
- UK's people's COVID-19 inquiry on the impact on the population [here](#) and NHS preparedness [here](#)
- The #NotTooMuchToMask campaign [here](#)
- Artificial intelligence for COVID-19 response [here](#)
- A podcast on the latest COVID-19 and sporting events [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](#).