

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

Years of life lost to COVID-19, payments for vaccination, news media and risk narratives, vaccine ‘real world’ effectiveness

Peer reviewed journals featured:

- Observational studies on:
 - Years of life lost (YLL) to COVID-19 in 81 countries [here](#)
 - Hospitalisation of COVID-19 patients discharged home from emergency departments in the US [here](#)
 - Asymptomatic and pre-symptomatic SARS-CoV-2 transmission in Germany [here](#)
 - Interleukin-3 as a prognostic marker in SARS-CoV-2 infections [here](#)
 - Post-mortem surveillance and ‘hidden COVID-19 mortality’ in Africa [here](#) and an associated editorial [here](#)
- Modelling studies on:
 - Machine learning based tool for early risk assessment of COVID-19 patients [here](#)
 - Social distancing measures, mobility data and infection rates [here](#)
- An experimental study on the impact of payments on the willingness to be vaccinated [here](#)
- Qualitative analysis of the media’s construction of a risk narrative in Canada [here](#)
- An review of the role of online groups in keeping young people connected during COVID-19 [here](#)
- Commentary on:
 - Equity and effectiveness of COVID-19 vaccinations in the US [here](#)
 - Trial-based evaluation of COVID-19 vaccines, post-rollout [here](#)
 - Clinical monitoring and wearable technology [here](#)
 - The UK vaccine rollout to date [here](#)

Pre-peer review articles featured:

- A preliminary assessment of real-world effectiveness of Pfizer and Moderna vaccines in the US [here](#)
- Evaluation of a PCR assay to screen for variants of concern [here](#)
- Circulating SARS-CoV-2 variants escape neutralisation by vaccine-induced humoral immunity [here](#)
- A systematic review on artificial intelligence applications for COVID-19 in hospital settings [here](#)

Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)

News and blogs

- COVID-19 vaccine rollout on track to begin 22 February [here](#)

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Emerging evidence on vaccines and variants of concern is incorporated daily into Living Evidence Tables [available here](#)