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

**Vaccine trials, patient-reported data, emergency preparedness**

**Peer reviewed journals**

- The Lancet published preliminary reports from two randomised controlled trials on safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2 [here](https://www.thelancet.com) and on recombinant adenovirus type-5-vectored COVID-19 vaccine [here](https://www.thelancet.com).
- A review on the interaction between COVID-19 and the cardiovascular system from basic mechanisms to clinical perspectives [here](https://www.thelancet.com)
- Facilitating research on COVID-19 through patient-reported data [here](https://www.thelancet.com).
- Bacterial and particulate filtration efficiency testing on novel manufacture of simple masks [here](https://www.thelancet.com).
- A viewpoint on early containment, care provision, and easily understandable advice for vulnerable people with Down’s syndrome [here](https://www.thelancet.com).
- Commentary on engaging patients in screening programs for unmet social needs [here](https://www.thelancet.com).
- Early experience from frontline physicians on gender equitable advancement during COVID-19 [here](https://www.thelancet.com).

**Letters and correspondence discussed:**

- A living rapid review on the use of masks for the prevention of viral respiratory infections, including SARS-CoV-2, in health care and community settings [here](https://www.thelancet.com).
- A personal experience with COVID-19 [here](https://www.thelancet.com).

**Pre-peer review**

- The infectious nature of patient-generated SARS-CoV-2 aerosol [here](https://www.thelancet.com).
- Human antibody and TH1 type T-cell responses elicited by a COVID-19 RNA vaccine [here](https://www.thelancet.com).
- Inverted covariate effects for mutated 2nd vs 1st wave of COVID-19 [here](https://www.thelancet.com).
News and blogs

- Genomic surveillance for identifying and tracking emerging pathogens such as SARS-CoV-2 here
- Sustaining positive changes in new way of working here
- A rapid review of the UK’s preparedness for a second wave of COVID-19 here

Guidance and reports

- From the US National Academies of Science, Engineering and Medicine, a report on evidence-based practices for public health emergency preparedness and response here
- A statement from the Australian Health Protection Principal Committee (AHPPC) about the resumption of community sports here