

Daily evidence digest

5 March 2021

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

Reprocessing N95 respirators, satisfaction with telehealth, approaches to promote adherence to physical distancing

Peer reviewed journals featured:

- A systematic review on reprocessing N95 respirators for re-use [here](#)
- A review on anaphylaxis to vaccinations [here](#)
- A statistical modelling study on weather variability and transmissibility of COVID-19 [here](#)
- Observational studies on:
 - Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England [here](#)
 - The safety of new mRNA vaccines against COVID-19 in severe allergic patients [here](#)
 - A sequencing platform for high-throughput detection of SARS-CoV-2 [here](#)
 - SARS-CoV-2 infection and transmission in London care homes [here](#)
- Surveys on:
 - The mental health of essential workers in Australia during COVID-19 [here](#)
 - User and clinician satisfaction with telehealth during COVID-19 in Victoria [here](#)
- An editorial on rheumatology and COVID-19 [here](#)
- Commentary on:
 - Equitable access to a COVID-19 vaccine via the international COVAX facility [here](#)
 - Implementation of a saliva-based surveillance program in the US [here](#)
 - Revisiting initial COVID-19 pandemic projections [here](#)
 - NHS sickness absence during COVID-19 [here](#)
 - COVID-19 contact tracing as an enduringly important public health tool [here](#)
 - A potential future with recurrent SARS-CoV-2 seasonal infection [here](#)
 - The safety of COVID-19 vaccines in pregnancy [here](#)

Letters and correspondence discussed:

- Pregnant women's appetite for risk [here](#)
- An interactive website tracking COVID-19 vaccine development [here](#)
- Intersectional analyses to close gaps in outcomes and vaccination [here](#)

Pre-peer review articles featured:

- A RT-qPCR assay to distinguish B.1.1.7 (UK / Kent variant) from other SARS-CoV-2 lineages [here](#)
- A phase 1 trial on single dose, recombinant protein FINLAY FR 1A vaccine [here](#)
- A phase 2 trial of the NVX-CoV2373 (Novavax) vaccine against the B.1.351 (South African) variant [here](#)

Guidance and reports

- The World Health Organization published:
 - A synthesis of approaches to promote acceptance, uptake and adherence to physical distancing measures for COVID-19 prevention and control [here](#)
 - A report from the Technical Advisory Group on safe schooling during the COVID-19 pandemic [here](#)
- The Therapeutic Goods Administration released its COVID-19 vaccine weekly safety report #1 [here](#)

News and blogs

- COVID-19 mega-database, single-shot vaccine and Pfizer results [here](#)
- COVID-19 vaccination studies [here](#)

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New Living Evidence Table

A Living Evidence table on [COVID-19 transmission](#) has been added to those on [vaccines](#), and [variants of concern](#)