

## Daily evidence digest

1 October 2021

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

### Post-acute COVID-19 syndrome, pharmacological interventions, extracorporeal membrane oxygenation (ECMO) for COVID-19

#### Peer reviewed journals featured:

- Systematic reviews on:
  - Post-acute COVID-19 syndrome [here](#)
  - Safety and efficacy of convalescent plasma in COVID-19 [here](#)
  - Pharmacological interventions to prevent COVID-19 [here](#)
- A phase 3 trial of Vaxzevria (AstraZeneca) vaccine [here](#)
- A randomised controlled trial of REGEN-COV antibody combination in outpatients [here](#)
- Narrative reviews on:
  - Skin damage prevention in the prone ventilated critically ill patient [here](#)
  - The use of viral genomics to investigate outbreaks in long-term care facilities [here](#)
  - A global database of international border closures [here](#)
- Observational studies on:
  - Physical, cognitive, and mental health outcomes in one year survivors of COVID-19-associated acute respiratory distress syndrome [here](#)
  - Symptoms and health outcomes in one-year survivors of COVID-19 in Wuhan [here](#)
  - COVID-19 hospital admissions and deaths after Comirnaty (Pfizer) and Vaxzevria (AstraZeneca) vaccinations in Scotland [here](#) and associated commentary [here](#)
  - Extracorporeal membrane oxygenation for COVID-19 [here](#)
  - Retinal vessels modifications in acute and post-COVID-19 [here](#)
  - Postmortem evaluation of 735 consecutive SARS-CoV-2-associated deaths [here](#)
  - Air seal performance of personalised face masks compared with market-available surgical and FFP2 masks [here](#)

#### Letters and correspondence discussed:

- Resurgence of SARS-CoV-2 infection in a highly vaccinated health system workforce [here](#)
- Clinical and biological features of cerebral venous sinus thrombosis following Vaxzevria (AstraZeneca) vaccination [here](#)
- Inadvertent injection of COVID-19 vaccine into deltoid muscle vasculature may result in vaccine distribution to distant tissues and consequent adverse reactions [here](#)

## Pre-peer review articles featured:

- Viral dynamics and circulating viral variants during the Spikevax (Moderna) phase 3 COVE trial [here](#)
- Predicting hospital-onset COVID-19 infections using dynamic networks of patient contacts [here](#)
- Monoclonal antibodies against SARS-CoV-2 [here](#)
- SARS-CoV-2 spread in hospitals [here](#)
- The impact of SARS-CoV-2 vaccination on Alpha and Delta variant transmission [here](#)

## Guidance and reports

- The World Health Organization published:
  - Briefs on COVID-19 in children and adolescents [here](#) and on neurology and COVID-19 [here](#)
  - Its weekly epidemiological report [here](#)
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)

## News and blogs

- NEJM audio interview on COVID-19 and the media [here](#)
- COVID-19 vaccine nasal spray [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 \(PASC\)](#), [surgery and COVID-19](#), [rapid testing](#) and [risk mitigation strategies](#).