

## Daily evidence digest

19 August 2021

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

### Insulin treatment and COVID-19, long-term sequelae of COVID-19 in people with airways disease, rapid antigen tests in nursing homes

#### Peer reviewed journals featured:

- A systematic review on insulin treatment and adverse outcomes in diabetic COVID-19 patients [here](#)
- A randomised controlled trial of AstraZeneca vaccine in people with and without HIV [here](#)
- A narrative review on the long-term sequelae of COVID-19 in patients with airways disease [here](#) and associated commentary [here](#)
- Observational studies on:
  - The effectiveness of rapid antigen test for SARS-CoV-2 detection in nursing homes [here](#)
  - The prognostic value of the SOFA score in COVID-19 patients [here](#)
  - Two doses of vaccine and immune responses to variants of concern [here](#)
  - Protective immune responses to SARS-CoV-2 persist up to 1 year after recovery [here](#)
- A modelling study on mitigating COVID-19 transmission when re-opening UK universities [here](#)
- An editorial on the calls for a temporary halt to COVID-19 vaccine boosters [here](#)
- Commentary on COVID-19 vaccine hesitancy in young people with allergies [here](#)

#### Letters and correspondence discussed:

- Delta variant neutralisation after heterologous AstraZeneca and Pfizer vaccination [here](#)
- Breakthrough COVID-19 in vaccinated US veterans with spinal cord injuries and disorders [here](#)
- Tracking disability in COVID-19 statistics [here](#)

#### Pre-peer review articles featured:

- The influence of SARS-CoV-2 variants of concern on national case fatality rates [here](#)

#### Guidance and reports

- The Cochrane Library published a systematic review on systemic corticosteroids for the treatment of COVID-19 [here](#)

#### News and blogs

- Caring for unvaccinated patients [here](#)