

## Daily evidence digest

25 August 2021

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

### COVID-19 transmission dynamics, SARS-CoV-2 reinfection, Delta variant transmission in schools

#### Peer reviewed journals featured:

- Observational studies on:
  - COVID-19 transmission dynamics among close contacts of COVID-19 patients [here](#)
  - Rate and severity of suspected SARS-CoV-2 reinfection in PCR-positive COVID-19 patients [here](#)
- A US online survey on decisions about seeking emergency care unrelated to COVID-19 [here](#)
- A modelling study on the interplay between population density and mobility in the spread of epidemics in cities [here](#)
- Commentary on:
  - Hospital in the home for care delivery innovation [here](#)
  - Canada's COVID-19 experience and response to waves 2 and 3 [here](#)
  - Preventing a pandemic's toll [here](#)
- A case report on corneal graft rejection following COVID-19 vaccine [here](#)

#### Letters and correspondence discussed:

- The use of an analytics and electronic health record-based approach for targeted COVID-19 vaccine outreach to marginalised populations [here](#)
- Neutralisation of the Delta variant after heterologous and homologous Pfizer or AstraZeneca vaccination [here](#)

#### Pre-peer review articles featured:

- Model-based assessment of Delta variant transmission dynamics within partially vaccinated K-12 school populations [here](#)
- Delta variant and mRNA vaccines effectiveness [here](#)

## Guidance and reports

- The World Health Organization published its weekly operational update on COVID-19 [here](#)

## News and blogs

- GPs boost uptake by calling patients and teaming up with community groups [here](#)
- US hospitals are overwhelmed as cases rise [here](#)
- FDA considers full approval of COVID-19 vaccines [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 \(PASC\)](#), and [surgery and COVID-19](#).