## COVID-19 Critical Intelligence Unit

### **Daily evidence digest**

3 September 2021

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

# COVID-19 and immune-mediated inflammatory diseases, resurgence of SARS-CoV-2 infection in vaccinated healthcare workforce

#### Peer reviewed journals featured:

- A randomised controlled trial of high-dose convalescent plasma in severe COVID-19 patients here
- A narrative reviews on COVID-19 and immune-mediated inflammatory diseases here
- Observational studies on:
  - o The effectiveness of an inactivated SARS-CoV-2 CoronaVac vaccine in Chile here
  - Automated processing of thermal imaging to detect COVID-19 here
  - Moratoria on housing eviction and COVID-19 infection risk in the US <u>here</u>
- A modelling study on the association between community mobility and the time-varying reproduction number (R) here
- Commentary on 'catching up' on routine diabetes care after COVID-19 in the NHS here

#### Letters and correspondence discussed:

- Resurgence of SARS-CoV-2 infection in a highly vaccinated health system workforce here
- Broader approaches for containing pandemics like COVID-19 here
- One year outcomes of post-acute COVID-19 syndrome in children with multisystem inflammatory syndrome <u>here</u>
- Comparison of SARS-CoV-2 antibody response following Pfizer and Moderna vaccination here

#### Pre-peer review articles featured:

- Health impact and cost of COVID-19 prophylaxis with monoclonal antibodies <u>here</u>
- COVID-19 outcomes in pregnancy <u>here</u>

#### Guidance and reports

 The World Health Organization published a COVID-19 vaccine post-introduction evaluation guide here



#### News and blogs

- One in seven children may still have post-acute COVID-19 syndrome symptoms 15 weeks after infection here
- The Delta variant doubles the risk of hospital admission compared with the Alpha variant here
- Vaccine passports around the world <u>here</u>
- NEJM audio interview on a new round of rising COVID-19 numbers here

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#### **Living Evidence Tables**

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on <u>COVID-19 transmission</u>, SARS-CoV-2 <u>vaccines</u>, and <u>variants</u> of concern, <u>post-acute sequelae of COVID-19</u> (PASC), <u>surgery and COVID-19</u>, and <u>rapid testing</u>.

