## COVID-19 Critical Intelligence Unit

### **Daily evidence digest**

1 June 2021

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

# Vaccine breakthrough infections, reinfections, seropositivity in Pfizer vaccinated cancer patients

#### Peer reviewed journals featured:

- Observational studies on:
  - COVID-19 vaccine breakthrough infections reported to the US Centers for Disease Control and Prevention <u>here</u>
  - SARS-CoV-2 reinfection one year after primary infection <u>here</u> and associated commentary <u>here</u>
  - Seropositivity following Pfizer vaccination of patients undergoing cancer treatment <u>here</u>
    and associated commentary <u>here</u>
  - o Incidence of thrombotic complications in COVID-19 here
  - Dissemination of research during the first year of COVID-19 <u>here</u>
  - Modes of SARS-CoV-2 transmission and preventive behavioural interventions <u>here</u>
  - Laboratory trends, hyper-inflammation, and clinical outcomes for systemic rheumatic disease patients here
  - COVID-19 cases, average temperature, and relative humidity <u>here</u>
- Editorials on:
  - The suspension of intellectual property rights for COVID-19 vaccines here
  - Early warning and prognostic scores for COVID-19 <u>here</u>
- Commentary on
  - Improving COVID-19 vaccine-related health literacy and vaccine uptake in patients here
  - An Australian and New Zealand consensus statement on COVID-19 vaccination in haematology patients <u>here</u>
- Case reports of:
  - Subacute thyroiditis following SARS-CoV-2 vaccine <u>here</u>
  - o Acute abducens nerve palsy following COVID-19 vaccination here

#### Letters and correspondence discussed:

- Experience with AstraZeneca vaccination in people with multiple sclerosis here
- Primary healthcare utilisation by older Australians during COVID-19 here



#### Pre-peer review articles featured:

- The real-life impact of vaccination on COVID-19 mortality in Europe and Israel <a href="here">here</a>
- Vaccine hesitancy and anti-vaccination attitudes during COVID-19 vaccination program here

#### **News and blogs**

• The UK's response to new variants 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.

