COVID-19 Critical Intelligence Unit

Daily evidence digest

10 May 2021

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

Paediatric COVID-19, effective COVID-19 vaccine communication, aerosol generating procedures and transmission, infections post-Pfizer vaccination

Peer reviewed journals featured:

- · Narrative reviews on:
 - o Bibliographic analysis of paediatric COVID-19 publications here
 - Pathophysiology and phenotypes of COVID-19 <u>here</u>
- Observational studies on:
 - Cardiovascular and haemostatic events after AstraZeneca vaccination in Denmark and Norway <u>here</u>
 - Association between Pfizer vaccination and incidence of SARS-CoV-2 infections in healthcare workers in Israel here
 - SARS-CoV-2 vaccination responses in patients with immune-mediated inflammatory diseases <u>here</u>
 - Correlation between delayed production of neutralising antibodies and fatal COVID-19 here
 - Mental health responses to COVID-19 in the UK here
- An editorial on thromboembolism and the AstraZeneca vaccine here
- Commentary on:
 - o Effective communication about COVID-19 vaccines here
 - Aerosol generating procedures and transmission of COVID-19 <u>here</u>
 - o Interventions to enhance compliance with COVID-19 public health measures here
 - o A conceptual framework for healthy longevity in the time of COVID-19 here
 - o Sputnik vaccine and publication of clinical trial data here

Letters and correspondence discussed:

- Cross-reactivity of antibodies following Pfizer vaccine <u>here</u>
- COVID-19 home monitoring after diagnosis <u>here</u> and associated commentary <u>here</u>
- SARS-CoV-2 infections after Pfizer vaccination in a routinely screened workforce here



Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce updated recommendations and clinical flowcharts here
- The Therapeutic Goods Administration released its COVID-19 vaccine safety report here

News and blogs

- A year of COVID-19 scientific milestones <u>here</u>
- How many COVID-19 deaths are acceptable in a post-pandemic world? here
- Researchers oppose unrestricted sharing of COVID-19 data <u>here</u>
- Vaccines will be tested against variants of concern after £29m funding boost in the UK here
- Thrombosis and bleeding after AstraZeneca COVID-19 vaccination here
- COVID-19 vaccines and blood clots putting risks into context here
- Sputnik V and Russia's COVID-19 vaccine race here
- India's crisis is everyone's crisis 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.



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