

Daily evidence digest

20 January 2021

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

Vaccines and allergies, antibody responses, in-flight transmission of SARS-CoV-2, COVID-19 guidance for Aboriginal people

Peer reviewed journals featured:

- A literature review on molecular mechanisms and potential therapeutic strategies for COVID-19 [here](#)
- Multiple articles on vaccines and allergies:
 - US Centers for Disease Control and Prevention report on allergic reactions including anaphylaxis after receipt of the first dose of Pfizer-BioNTech COVID-19 vaccine [here](#) and associated commentary [here](#)
 - European Academy of Allergy and Clinical Immunology (EAACI) statement on diagnosis, management and prevention of severe allergic reactions to COVID-19 vaccines [here](#)
 - Editorial on vaccinating against COVID-19 in people who report allergies [here](#)
 - Editorial on anaphylaxis due to COVID-19 vaccine [here](#)
 - Commentary on anaphylactic reactions to novel mRNA SARS-CoV-2 vaccines [here](#)
- Observational studies on:
 - Antibody responses 8 months after asymptomatic or mild SARS-CoV-2 infection [here](#)
 - Evolution of antibody immunity to SARS-CoV-2 [here](#)
 - Genomic evidence of in-flight transmission of SARS-CoV-2 despite predeparture testing [here](#)

Letters and correspondence addressed:

- Post publication exchanges on:
 - Cytokine elevation in severe and critical COVID-19 [here](#) and [here](#)
 - Electron micrographs and SARS-CoV-2 [here](#) and [here](#)
 - Extracorporeal membrane oxygenation (ECMO) support for COVID-19 [here](#) and [here](#)
- Referral and admission of patients with severe respiratory failure to the NHS ECMO service [here](#)
- Thromboses and COVID-19 [here](#)
- Infectivity of asymptomatic versus symptomatic COVID-19 [here](#)
- Research priorities for COVID-19 sensor technology [here](#)

Guidance and reports

- Aboriginal and Torres Strait Islander Advisory Group updated its COVID-19 communique [here](#)
- The Communicable Diseases Network Australia (CDNA) released COVID-19 guidance for urban and regional Aboriginal and Torres Strait Islander communities [here](#)

News and blogs

- Protecting doctors in the UK as pressure on health service grows [here](#)
- COVID-19 vaccination risks for elderly, very frail patients in Norway [here](#)
- The Centre for Evidence-Based Medicine drug vignettes on Baricitini [here](#)
- Impact of COVID-19 on in vivo work and patient sample availability for cancer research [here](#)

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