COVID-19 Critical Intelligence Unit

Daily evidence digest

2 August 2021

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

SARS-CoV-2 viral particles in the retina, self- reported memory problems post COVID-19, reactive vaccination approaches to outbreaks

Peer reviewed journals featured:

- Observational studies on:
 - Presumed SARS-CoV-2 viral particles in the retina of COVID-19 patients <u>here</u> and associated commentary <u>here</u>
 - o Early detection of COVID-19 in the UK using self-reported symptoms here
 - Risk of acute myocardial infarction and ischaemic stroke following COVID-19 here
 - Response to mRNA vaccination for COVID-19 multiple myeloma patients here
 - o Cancer clinical trial participation one year after COVID-19 outbreak here
- Commentary on:
 - o COVID-19 vaccination perceptions in the socially vulnerable in the US here
 - Moral injury and burnout in the UK's NHS <u>here</u>

Letters and correspondence discussed:

 Self-reported memory problems eight months after COVID-19 infection <u>here</u> and associated commentary <u>here</u>

Pre-peer review articles featured:

- Reactive vaccination of workplaces and schools against COVID-19 here
- Benefits and challenges of using virtual primary care in COVID-19 here
- The vaccination threshold for SARS-CoV-2 here
- SARS-CoV-2 Lambda variant's infectivity and immune resistance here
- The value of extended vaccine schedules in combatting COVID-19 in England here
- Thromboembolic events and thrombosis with thrombocytopenia after COVID-19 infection and vaccination with Pfizer or AstraZeneca here



Guidance and reports

- The World Health Organization published guidance on financing for the COVID-19 response here
- Therapeutic Goods Administration (TGA) released its weekly COVID-19 vaccine safety report here
- The Cochrane library published a systematic review on ivermectin for COVID-19 here
- The US Centers for Disease Control and Prevention released a report on breakthrough infections due to Delta variant here

News and blogs

- A blood marker predicts who gets 'breakthrough' COVID-19 here
- The National Institute for Health and Care Excellence issued guidance on vaccine-induced immune thrombocytopenia and thrombosis here
- The Royal College of Pathologists of Australasia on rapid antigen tests <u>here</u>

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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 (PASC)</u>, and <u>surgery and COVID-19</u>.



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