Daily evidence digest

1 November 2021

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

Vaccine- and infection-induced immunity, delta community transmission among vaccinated and unvaccinated people, vaccines for under 12s

Peer reviewed journals featured:

- Systematic reviews on:
  - Efficacy and safety of IL-6 inhibitors in patients with COVID-19 pneumonia [here]
  - Immunogenicity rates after COVID-19 vaccination in people with end-stage kidney disease [here]
- A randomised clinical trial on early treatment with fluvoxamine in COVID-19 patients [here] and associated commentary [here]
- Observational studies on:
  - Adults hospitalised with COVID-19-like illness with either infection-induced or mRNA vaccine-induced immunity [here]
  - Community transmission of the delta variant in vaccinated and unvaccinated individuals in the UK [here] and associated commentary [here]
  - Management of breathlessness in patients dying from COVID-19 [here]
  - SARS-CoV-2 antigenic tests in mass screening of a paediatric population [here]
- A modelling study on non-pharmaceutical interventions, vaccination, and the Delta variant in England [here]
- Editorials on:
  - The safety and efficacy of antivirals against SARS-CoV-2 [here]
  - Mandating COVID-19 vaccination [here]
- Commentary on:
  - Nowcasting towards sustainable SARS-CoV-2 endemicity [here]
  - Global COVID-19 vaccine production and shortages [here]

Pre-peer review articles featured:

- The effect of mass vaccination on COVID-19 mortality [here]

Guidance and reports

- The World Health Organization published guidance on use of the inactivated COVID-19 vaccine BIBP (Sinopharm) [here]
News and blogs

- The US and China prepare for mass vaccination of children under 12 years old [here](#).
- Only a third of blood cancer patients had antibodies against delta after two vaccine doses [here](#).
- Symptom tracking app shows UK surge may be bigger than reported [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, post-acute sequelae of COVID-19 (PASC), surgery and COVID-19, rapid testing and risk mitigation strategies.