

Daily evidence digest

23 April 2021

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

Johnson & Johnson vaccine phase 3 trial, vaccine breakthrough infections with SARS-CoV-2 variants, India's COVID-19 surge

Peer reviewed journals featured:

- A phase 3 trial on the safety and efficacy of the single dose Johnson & Johnson vaccine [here](#)
- Observational studies on:
 - Vaccine breakthrough infections with SARS-CoV-2 variants [here](#)
 - Mental health and social interactions of older people with physical disabilities in England during COVID-19 [here](#) and associated commentary [here](#)
 - mRNA COVID-19 vaccine safety in pregnant persons [here](#)
 - The construction and visualisation of the transmission networks for COVID-19 [here](#)
 - The impact of frailty on survival of elderly intensive care patients with COVID-19 [here](#)
- A case report on treatment of vaccine-induced prothrombotic immune thrombocytopenia [here](#)
- Editorials on:
 - The impact of COVID-19 on efforts to tackle other infectious diseases [here](#)
 - Thrombotic events and the AstraZeneca vaccine [here](#)
- Commentary on:
 - Unequal impact of COVID-19 on minority ethnic groups [here](#)
 - Vaccine hesitancy among minority groups [here](#)
 - COVID-19 and national climate commitments [here](#)

Letters and correspondence discussed:

- The main areas of research on COVID-19 [here](#)

Pre-peer review articles featured:

- The effectiveness of the Pfizer vaccine in preventing COVID-19 in Sweden [here](#)
- Commentary from Australia on airborne transmission of SARS-CoV-2 [here](#)

News and blogs

- India's massive COVID-19 surge puzzles scientists [here](#)
- Mandatory vaccination of healthcare workers under consideration in the UK [here](#)
- Canada relaxes age limits on AstraZeneca vaccine as Ontario cases surge [here](#)
- Unusual blood clots are a “very rare side effect” of Johnson & Johnson/Janssen vaccine [here](#)
- COVID-19 webinar on the known and unknowns of new variants [here](#)
- Five questions as trials begin for children COVID-19 vaccination [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.