

Daily evidence digest

16 September 2021

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

COVID-19 and the ageing immune system, self-sanitising masks, effectiveness and protection period of Pfizer, AstraZeneca and Moderna

Peer reviewed journals featured:

- Narrative reviews on:
 - SARS-CoV-2, COVID-19 and the ageing immune system [here](#)
 - The development of a self-sanitising mask prototype (ARMOR) [here](#)
- Observational studies on:
 - Patterns of compliance with COVID-19 preventive behaviours in the UK [here](#)
 - Production and persistence of specific antibodies in COVID-19 patients with hematologic malignancies [here](#)
 - Diagnostic accuracy and acceptability of molecular diagnosis of COVID-19 in saliva samples compared with nasopharyngeal swabs [here](#)
- A modelling study on trade-offs between domestic-only and cooperative distribution of vaccines [here](#)

Letters and correspondence discussed:

- Increased incidence of severe nutritional anaemia during COVID-19 in Yorkshire and Humber [here](#)

Pre-peer review articles featured:

- Vaccine effectiveness and protection period of Pfizer, AstraZeneca and Moderna in the UK [here](#)
- Reports of myocarditis and pericarditis following mRNA vaccines from the UK, US, and Europe [here](#)

Guidance and reports

- The World Health Organization published:
 - A policy brief on the use of digital health tools in Europe during COVID-19 [here](#)
 - Updates of its COVID-19 vaccine tracker [here](#) and COVID-19 epidemiological report [here](#)

News and blogs

- Booster doses to be offered to 30 million people in the UK [here](#)
- Post-acute COVID-19 syndrome as occupational disease [here](#)
- Vaccinating children will help end the pandemic [here](#)
- Boys are more at risk of myocarditis after vaccination than of COVID-19 hospital admission [here](#)
- How patient data underpin COVID-19 research [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](#), and [rapid testing](#).