

## Daily evidence digest

28 March 2022

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

### Awake prone positioning, COVID-19 vaccination in pregnancy, early aspirin use and mortality, ATAGI recommendations for second booster

#### Peer reviewed journals featured:

- A pragmatic randomised trial on awake prone positioning of patients with moderate hypoxaemia due to COVID-19 [here](#) and associated editorial [here](#)
- Observational studies on:
  - COVID-19 vaccination in pregnancy and adverse pregnancy outcomes [here](#), [here](#), and associated editorial [here](#)
  - Early aspirin use and in-hospital mortality in patients with moderate COVID-19 [here](#)
  - Immune responses against SARS-CoV-2 variants after 2 and 3 doses of vaccine in patients with B-cell malignancies [here](#)
  - Health data research and the international use of contact tracing technologies [here](#)
  - Perceptions of behaviour efficacy and perceptions of threat as drivers of COVID-19 protective behaviour [here](#)
  - SARS-CoV-2-specific antibody and T-cell responses 1 year after infection [here](#)
  - Adrenal tropism of SARS-CoV-2 and adrenal findings in a post-mortem case series of COVID-19 patients [here](#)
- An editorial on workforce, airborne transmission, and wilful neglect [here](#)
- Commentary on:
  - Achieving global COVID-19 vaccine equity [here](#)
  - Complacency and ending the COVID-19 pandemic [here](#)
  - Children and young people in the UK's COVID-19 public inquiry [here](#) and associated news item [here](#)

#### Letters and correspondence discussed:

- COVID-19 cases and severity in pregnancy and neonatal positivity associated with Delta and Omicron variant predominance [here](#)
- Vulnerable people and relaxing restrictions in England [here](#)

## Pre-peer review articles featured:

- Pre-exposure prophylaxis with Evusheld™ (AstraZeneca) and neutralising activity against Omicron in kidney transplant patients [here](#)
- Risk of death after SARS-CoV-2 infection or COVID-19 vaccination in young people in England [here](#)

## Guidance and reports

- ATAGI recommends second booster dose of COVID-19 vaccine before winter for older and immunocompromised groups - to be administered with influenza vaccine [here](#)
- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)

## News and blogs

- Long COVID and cardiovascular disease [here](#)
- What do we know about the Delta Omicron recombinant variant? [here](#)

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## Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on 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](#).