

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

COVID-19 rapid diagnostics, aerosol generation from oxygen delivery systems, face mask leakage and facial features, paediatric vaccines

Peer reviewed journals featured:

- A narrative review on COVID-19 rapid diagnostics [here](#)
- Observational studies on:
 - SARS-CoV-2 environmental contamination from hospitalised COVID-19 patients receiving aerosol-generating procedures [here](#)
 - Aerosol generation from oxygen delivery systems [here](#)
 - Neutralising versus autoimmune antibodies in COVID-19 patients with obesity [here](#)
 - Characterisation of non-adopters of COVID-19 non-pharmaceutical interventions [here](#)
 - Maternal SARS-CoV-2 infection and placental immune responses [here](#)
 - COVID-19 outcomes in patients with primary systemic vasculitis or polymyalgia rheumatica [here](#) and associated commentary [here](#)
- A modelling study on face mask leakage and facial features [here](#)
- Commentary on:
 - Paediatric COVID-19 vaccines [here](#)
 - Digital drug and alcohol services post-COVID-19 [here](#)

Letters and correspondence discussed:

- COVID-19 vaccine given to children with comorbidities in England [here](#)
- Antibody titres before and after a third dose of Comirnaty (Pfizer) vaccine in 60-year-olds [here](#)

Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce released updated recommendations and clinical flowcharts [here](#)
- The UK Security Agency published an update on SARS-CoV-2 variants [here](#)

News and blogs

- The UK's vaccine booster program [here](#)
- The US government sets 4 January deadline to vaccinate most US workers [here](#)
- Vaccine passports and COVID-19 passes as an alternative to lockdowns [here](#)