

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

Pulmonary embolism, politicisation of mask use, animal models for testing, TGA regulation of PPE

Peer reviewed journals featured:

- A systematic review and meta-analysis of acute pulmonary embolism in COVID-19 patients [here](#)
- A living systematic review and meta-analysis on the occurrence and transmission potential of asymptomatic and presymptomatic COVID-19 [here](#)
- Reviews of:
 - multidisciplinary safety recommendations after tracheostomy during COVID-19 [here](#)
 - animal models for COVID-19 testing [here](#)
 - the potentially high risk and occult prevalence of COVID-19 heart manifestations [here](#)
- A retrospective case review to estimate PPE requirements in the paediatric Emergency Department at the Children's Hospital at Westmead during COVID-19 [here](#)
- An observational study on coinfection in children with COVID-19 [here](#)
- A seroprevalence study among Veterans Affairs staff assessing risk factors for transmission and infection [here](#)
- A retrospective case control study on the risk of COVID-19 in the Emergency Department [here](#)
- A cohort study on the impact of COVID-19 on the disease course of patients with inflammatory rheumatic diseases [here](#)
- Commentary on
 - the politicisation of mask use and the impact on COVID-19 [here](#)
 - collaboration between private insurers and providers in the Dutch healthcare system during COVID-19 [here](#)
 - an ethical approach to palliative and hospice care during COVID-19 surges [here](#)
 - COVID-19 postviral syndrome [here](#)

Letters and correspondence discussed:

- Loss of anti-SARS-CoV-2 antibodies in mild COVID-19 [here](#)
- Associations of COVID-19 with pregnancy outcomes [here](#)

Pre-peer review articles featured:

- Ethnic differences in COVID-19 infection, hospitalisation, and mortality in England [here](#)
- The impact of PPE heat stress on NHS workers' performance, safety and well-being [here](#)
- The environmental impact of PPE in England [here](#)
- COVID-19 seroprevalence among asymptomatic employees in Tokyo during the second wave [here](#)
- Short-term neuropsychiatric outcomes and quality of life in COVID-19 survivors [here](#)

Guidance and reports

- A World Health Organization living document on lessons learned for the WHO European Region during COVID-19 [here](#)

News and blogs

- Details from the Therapeutics Goods Administration on the regulation of PPE and COVID-19 [here](#)
- A primer on exponential growth drawing on UK data [here](#)
- A BMJ interview with Anthony Fauci [here](#)
- An interview with the editors of The New England Journal of Medicine on eight months of action and inaction against COVID-19 in the US [here](#)

Vaccine update

- As of 23 September 2020, there are 182 vaccine candidates globally, with 35 vaccine candidates in human clinical trials, see [here](#)

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