

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

Maternal and perinatal outcomes, contact tracing, oxygen targets for mechanical ventilation

Peer reviewed journals featured:

- A systematic review and meta-analysis of clinical manifestations, risk factors, and maternal and perinatal outcomes of COVID-19 in pregnancy [here](#)
- An evidence review and practice recommendation on the material, design, and maintenance of cloth masks [here](#)
- A randomised, controlled phase 1–2 trial of a COVID-19 nanoparticle vaccine [here](#)
- A Victorian modelling study focused on the impact of reducing control measures in a low transmission setting [here](#)
- Two articles on contact tracing:
 - A historical perspective [here](#)
 - A choice experiment focused on attitudes to apps [here](#)
- A “RAND appropriateness panel” on the management of paediatric acute severe colitis during COVID-19 [here](#)
- A process for identifying research priorities regarding the impact of COVID-19 on older adults [here](#)
- A cohort study of mobile phone activity and its association with COVID-19 cases in the US [here](#)
- A viewpoint on regulatory decision-making on COVID-19 vaccines [here](#)

Letters and correspondence discussed:

- Infection fatality ratios for COVID-19 among non-institutionalised persons aged 12+ years [here](#)
- Efficacy of tocilizumab treatment in severely ill COVID-19 patients [here](#)

Pre-peer review articles featured:

- A meta-epidemiological study highlighting the low methodological quality of many COVID-19 systematic reviews [here](#)
- An Australian modelling study on health and economic effects of COVID-19 control [here](#)
- A snapshot meta-analysis on the prevalence of serum antibodies to COVID-19 in humans [here](#)

Guidance and reports

- The World Health Organisation issued living guidance on corticosteroids for COVID-19 [here](#)
- The Cochrane Library published:
 - A new rapid review on oxygen targets in the intensive care unit during mechanical ventilation for acute respiratory distress syndrome [here](#)
 - An update to its special collection on infection control and prevention measures to include rapid, point-of-care antigen and molecular-based tests for diagnosis of COVID-19 [here](#)
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News and blogs

- The Australian Health Protection Principal Committee (AHPPC) released a statement on very high risk environments [here](#)

From the Critical Intelligence Unit #NSWHealthCIU

We are assessing the indirect impact of COVID-19 – focusing particularly on the consequences of missed or delayed healthcare. We are conducting a series of activities to gather experiences and perspectives from healthcare staff, consumers and communities in NSW. To find out more and register your interest [click here](#) or email NSWH-CriticalIntelligenceUnit@health.nsw.gov.au

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