

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

Convalescent plasma, obesity, precision public health

Peer reviewed journals featured:

- A systematic review and meta-analysis on convalescent plasma in COVID-19 [here](#)
- A meta-analysis and meta-regression on association between markers of immune response at hospital admission and COVID-19 disease severity and mortality [here](#)
- A retrospective cohort study from Kaiser Permanente on obesity and mortality among patients diagnosed with COVID-19 [here](#), an associated editorial [here](#), and a summary for patients [here](#)
- Case reports from Ireland illustrating how the pandemic is affecting children with non-COVID illnesses [here](#)
- Diagnostic performance of chest CT for SARS-CoV-2 infection in individuals with or without symptoms [here](#)
- A review of the apparent ‘smoker’s paradox’ in COVID-19 [here](#)
- A viewpoint on precision public health as a tool in the COVID-19 response [here](#)
- A BMJ editorial on the neglect of adult social care during COVID-19 [here](#)
- A review of the evidence regarding the ocular surface as a transmission route [here](#)
- A national cohort study of SARS-CoV-2 infection, and early mortality, of wait-listed and solid organ transplant recipients in England [here](#)
- Development and validation of a surgical prioritisation and ranking tool for head and neck cancer [here](#)
- An evaluation of prothrombin fragment 1.2 in identifying thrombosis in hospitalised COVID-19 patients [here](#)
- The MJA released preprint commentary on:
 - Fit-testing of N95/P2-masks [here](#)
 - COVID-19, children, schools and risk [here](#)
- An editorial on COVID-19 and a potential resurgence of AIDS, malaria and tuberculosis [here](#)
- A perspective on COVID-19 and redefining preventive care [here](#)
- Commentary on challenges of operationalising crisis standards of care in COVID-19 [here](#)
- Commentary on disaster-related mass gatherings amid COVID-19 [here](#)

Letters and correspondence discussed:

- Delayed melanoma diagnosis in the COVID-19 era [here](#)
- Hearing loss in SARS-CoV-2 [here](#)

Pre-peer review articles featured:

- A modelling study on the build-up of droplet/aerosols carrying the SARS-CoV-2 in confined spaces [here](#)
- Low awareness of past SARS-CoV-2 infection in healthy adults [here](#)
- A survey on SARS-CoV-2 seroprevalence among 18,000 healthcare and administrative personnel at hospitals, pre-hospital services, and specialist practitioners in Denmark [here](#)
- The impact of non-pharmaceutical interventions on SARS-CoV-2 transmission across 130 countries and territories [here](#)

Guidance and reports

- European Centre for Disease Prevention and Control published a rapid risk assessment in COVID-19 in the EU/EEA and the UK and resurgence of cases [here](#)

News and blogs

- An audio interview on building a successful public health response to COVID-19 [here](#)

Critical Intelligence Unit Updates

Evidence checks have been published on:

- Vascular dysfunction and COVID-19 [here](#)
- An update to Extended use or reuse of personal protective equipment [here](#)

We are assessing the indirect impact of COVID-19 – focusing particularly on the consequences of missed or delayed healthcare. To find out more and suggest measures of indirect impact, register your interest by [clicking here](#) or emailing NSWH-CriticalIntelligenceUnit@health.nsw.gov.au