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