

## Daily evidence digest

3 August 2020

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

## Thrombolysis for STEMI, Proton Pump Inhibitors, PCR positivity in healthcare workers

### Peer reviewed journals featured:

- A systematic review and meta-analysis of tocilizumab for severe COVID-19 [here](#)
- Predictive model showing increased mortality and bed occupancy in the UK if thrombolysis becomes the initial treatment strategy for STEMI [here](#)
- An approach to primary care population management for COVID-19 [here](#)
- An outpatient palliative care toolkit [here](#)
- A survey of caregivers to people with dementia during COVID-19 in Argentina [here](#)
- Antibiotic prescription patterns in Catalonia during COVID-19 [here](#)
- The impact of COVID-19 on endoscopy services in a major general hospital in the UK [here](#)
- A review of evidence of a COVID-19 thrombotic syndrome and treatment implications [here](#)
- A Korean cohort study on COVID-19 clinical outcomes associated with proton pump inhibitors [here](#)
- Observations of the global epidemiology of COVID-19 using web-based surveillance [here](#)
- A comparative review of practical recommendations for general surgery and COVID-19 [here](#)
- Commentary on the impact of COVID-19 on Brazil's national health service [here](#)
- A review article on COVID-19 and risk factors for psychiatric disease [here](#)
- A single-centre study of hospitalised COVID-19 patients and colchicine treatment [here](#)
- An editorial on corneal transplantation in the aftermath of COVID-19 [here](#)
- Commentary on the indirect impact of COVID-19 on women [here](#)
- Commentary in the MJA on:
  - Tenecteplase supply during COVID-19 [here](#)
  - Implications of prolonged PCR positivity in COVID-19 healthcare workers [here](#)

### Letters and correspondence discussed:

- A validation study of small-size-pooling in hospital surveillance of SARS-CoV-2 infection [here](#)
- Swabs collected by patients or healthcare workers for COVID-19 testing [here](#)
- Age-related differences in nasopharyngeal SARS-CoV-2 levels in mild to moderate cases [here](#)
- COVID-19 and US healthcare [here](#)
- COVID-19 and chronic fatigue [here](#)
- Implications for flu clinics in the context of COVID-19 [here](#)

## Pre-peer review articles featured:

- A study of 1236 regions focused on the role of weather conditions in COVID-19 transmission [here](#)
- A rapid review of the period of communicability of SARS-CoV-2 [here](#)
- A scoping review of available evidence on the basic reproduction number of SARS-CoV-2 [here](#)
- A cross-sectional, social media-driven, scenario-based online study of societal attitudes to rationing and triage of scarce, lifesaving therapy in the context of COVID-19 [here](#)
- Patient reported measures of persistent fatigue following SARS-CoV-2 [here](#)
- A model to explore population health loss in times of scarce surgical capacity [here](#)

## Guidance and reports

- The WHO published guidance on surveys about behaviour change and COVID-19 [here](#)
- The Canadian National Collaborating Centre on Environmental Health released a review on air and surface disinfection measures in indoor environments [here](#)
- The National COVID-19 Clinical Evidence Taskforce released updated guidelines and clinical flowcharts from [here](#)

## News and blogs

- New SARS-CoV-2 vaccine results: audio interview with Peter Piot [here](#)

## Subscribe to the #evidencedigest

Email NSWHealthCriticalIntelligenceUnit@health.nsw.gov.au to receive the daily evidence digest straight to your inbox.