

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

### Telehealth, comorbidities, depression and anxiety

#### Peer reviewed journals featured:

- A survey on variation in infection prevention policies and practices in US hospitals [here](#)
- Discussion on co-creating a human-centred health system post-COVID-19 [here](#)
- Optimising and implementing contact tracing through behavioural economics [here](#)
- Several articles focused on depression and anxiety:
  - An observational study on emotional distress in young adults during COVID-19 [here](#)
  - A survey on depression and anxiety among quarantined respondents [here](#)
  - A survey on academic emergency medicine physicians' anxiety levels, stressors, and potential stress mitigation measures during the acceleration phase of COVID-19 [here](#)
- Several articles focused on telehealth:
  - A retrospective review of the utilisation of telehealth in a comprehensive cancer centre [here](#)
  - A national survey on telemedicine in Germany during COVID-19 [here](#)
  - An observational study from China on telemedicine for monitoring and management of home-quarantined cohorts [here](#)
- A viewpoint on preventing more deaths in care homes in a second wave in the UK [here](#)
- "COVOID" an individual contact model for exploring intervention and control strategies [here](#)
- A case-control study on outcomes in patients with severe disease treated with tocilizumab [here](#)
- An MJA primer on serological tests for COVID-19 [here](#)
- An article in Nature describes a COVID-19 government response event dataset [here](#)
- A mathematical model on the influence of population heterogeneity on herd immunity [here](#)

#### Letters and correspondence discuss:

- The utility of ecological and epidemiological models are both useful for SARS-CoV-2 [here](#)

**Pre-peer review papers feature:**

- A systematic review and meta-analysis on the role of pre-existing chronic disease in cardiac complications from SARS-CoV-2 infection [here](#)
- A systematic review and meta-analysis of chest CT versus RT-PCR for the detection of COVID-19 [here](#)
- A web-based survey of 780,961 participants exploring comorbidities and incidence of COVID-19 [here](#)
- SARS-CoV-2 exposure, symptoms, and sero-prevalence in healthcare workers [here](#)
- Face mask use as a predictor of national COVID-19 related mortality [here](#)
- A population-based electronic health record analysis in 1.9m people regarding obesity during the COVID-19 pandemic [here](#)
- Health and economic costs of early, delayed, and no suppression of COVID-19 in Australia [here](#)
- Behavioural changes before lockdown, and decreased retail and recreation mobility during lockdown in 35 Western countries [here](#)
- An observational study on clinical characteristics of patients with ‘re-positive’ test results [here](#)

**Reviews and scientific briefs**

- The Centre for Evidence Based Medicine published a review on inhaled corticosteroids for the treatment or prevention of COVID-19 [here](#)
- The National Collaborating Centre for Methods and Tools review on community engagement in COVID-19 infection prevention and control [here](#)
- The World Health Organisation released a scientific brief on breastfeeding and COVID-19 [here](#)

**Twitter: podcasts, news and open access learning**

| Handles   | Topics  | Links                      |
|---|---|----------------------------|
| @ABCScience   | Coronacast with Dr Norman Swan: Every coronavirus cluster starts with one person  | <a href="#">Click here</a> |
| @The IHI<br>Institute for Healthcare Improvement          | Blog: Using Tools to Measure Well-Being in the Time of COVID-19   | <a href="#">Click here</a> |
| @BMJ_latest   | News: Demand for dexamethasone surges as RECOVERY trial publishes preprint  | <a href="#">Click here</a> |
| @AnnalsofIM<br>Annals of Internal Medicine                | Annals On Call: Clinical Reasoning and COVID-19   | <a href="#">Click here</a> |
| @McMasterForum<br>McMaster University                     | Webinar recording: Top ten insights into how COVID-END can help you prepare evidence syntheses in response to the COVID-19 pandemic | <a href="#">Click here</a> |
| @IFEM2<br>International Federation for Emergency Medicine | Webinar and White Paper: Emergency Department Crowding and Access Block in the COVID Era and Beyond                                 | <a href="#">Click here</a> |
| @WHO<br>World Health Organisation                         | Free and open-access learning platform for health emergencies: 10 online courses related to COVID-19                                | <a href="#">Click here</a> |

