Daily evidence digest

21 May 2020

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

Non-COVID ED presentations, disability rights, virtual care in NICU and obstetrics, cancer

Peer reviewed journals feature:
- An article that asks “where are all the patients?” and outlines an approach to encourage ED attendance, particularly for cardiac and stroke symptoms [here](#).
- Two NEJM perspective pieces discuss disability rights in crisis care [here](#) and [here](#).
- Two organisational case studies on virtual practices to transform care delivery in neonatal intensive care [here](#), and obstetrics [here](#).
- An overview of available evidence on COVID-19 and cancer [here](#).
- A case study from Spain on managing people, roles and resources during COVID-19 [here](#).
- The impact of COVID-19 on oncology clinical trials [here](#).
- A systematic review on COVID-19 and colonisation of ocular tissues and secretions [here](#).
- Strategies to support mental health of staff treating COVID-19 patients [here](#).
- A survey of people with chronic myeloid leukaemia during COVID-19 outbreak [here](#).
- Strategies for optimising the supply of N95 filtering face piece respirators during COVID-19 [here](#).
- New Zealand’s COVID-19 elimination strategy [here](#).
- A commentary on COVID-19 and the impact of social determinants of health [here](#).
- A rapid review finding no evidence to support the use of azithromycin to treat COVID-19 [here](#).
- A commentary on adverse drug reaction and medical device incident reporting culture [here](#).

Letters on:
- Repurposing a paediatric ICU to an adult ICU [here](#).
- Three cases of young people with COVID-19 presenting with chilblain-like lesions [here](#).
- Prevalence of obesity among adult inpatients with COVID-19 in France [here](#).
- Screening healthcare workers in a London maternity hospital [here](#).
- The incidence of acute myocardial infarction presenting to hospitals during COVID-19 [here](#).
- The association between severe COVID-19 and low platelets [here](#).

Pre-peer review papers feature:
- A cohort study on the survival of hospitalised COVID-19 patients in Northern Italy [here](#).
- A systematic review and meta-analysis on COVID-19 detected in various respiratory sites [here](#).
- A mathematical model on re-opening schools while maintaining social distancing [here](#).
The Centre for Evidence Based Medicine updated advice on how healthcare workers can adapt non-pharmacological treatment safely when treating people with COVID-19 and delirium [here](#).

ECRI published considerations for safe labour, delivery, and neonatal care during the COVID-19 pandemic [here](#).

**Twitter:**
@JuliaLMarcus and @EpiEllie epidemiologists from Harvard and Boston Universities developed a simple infographic on reducing the risk of COVID-19 transmission [click here](#).

Fellows from @Royal_College of Physicians and Surgeons of Canada answered questions from kids about COVID-19 [click here](#).

Association of Australian Medical Research Institutes released a guide on social media for medical research institutes during COVID-19 [click here](#).

@BMJLeader published qualitative research on lessons on video consultations during COVID-19 [click here](#).

@EpiEllie also weighed in on the complexities of herd immunity to COVID-19 [click here](#).

@ConversationEDU published a piece on questioning if the R number is still useful [click here](#).

@SukhDubb published an article on applying a whole-of-society model to improve the global response efforts [click here](#).

@BJSurgery (formerly the British Journal of Surgery) and @COVIDsurge published global predictive modelling to inform surgical recovery plans [click here](#).

**NSW Health Critical Intelligence Unit update**

The #NSWHealthCIU provides rapid, evidence-based advice during the COVID-19 pandemic. [Click here](#) to access new publications including:

- NIPPV and requirements
- Fibrinolysis and PCI for STEMI
- Pulmonary rehabilitation and COVID-19
- Telehealth and COVID-19
- Immunosuppression and COVID-19

**What changes have been made to health care practices in response to COVID-19?**

The NSW Health Critical Intelligence Unit and ACI is conducting a survey to gather examples of how health care practices have changed in response to COVID-19. The purpose is to support health system activities. Have your say and share your insights [here](#).