# COVID-19 Critical Intelligence Unit

# **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 <a href="here">here</a>
- Two NEJM perspective pieces discuss disability rights in crisis care <u>here</u> and <u>here</u>
- Two organisational case studies on virtual practices to transform care delivery in neonatal intensive care <u>here</u>, and obstetrics <u>here</u>
- An overview of available evidence on COVID-19 and cancer <u>here</u>
- A case study from Spain on managing people, roles and resources during COVID-19 <u>here</u>
- The impact of COVID-19 on oncology clinical trials <u>here</u>
- 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 <u>here</u>
- 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 <u>here</u>
- Screening healthcare workers in a London maternity hospital <u>here</u>
- 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 nonpharmacological treatment safely when treating people with COVID-19 and delirium <a href="here">here</a>

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
- @EpiElllie also weighed in on the complexities of herd immunity to COVID-19 click here
- @ConversationEDU published on 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 <u>click here</u>

## **NSW Health Critical Intelligence Unit update**

The #NSWHealthCIU provides rapid, evidence-based advice during the COVID-19 pandemic. <u>Click here</u> 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 <a href="https://example.com/here/beauty-support-new-market



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