COVID-19 Critical Intelligence Unit

Daily evidence digest

21 August 2020

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

Testing strategies, mental health, fast-track care for diabetic foot ulcers

Peer reviewed journals featured:

- A modelling study comparing testing strategies for COVID-19 control here
- An observational cohort study on the effects of a major deletion in the SARS-CoV-2 genome on the severity of infection <u>here</u>
- An editorial outlining key findings developed in the course of the COVID-19 pandemic here
- A framework synthesis of international experiences of early impacts of COVID-19 on mental health care and on people with mental health conditions <u>here</u>
- A brief report on the impact of COVID-19 in ethnically diverse families with young children with intellectual and developmental disabilities <u>here</u>
- A feature on the importance of design as well as price in the NHS supply chain here
- An editorial on the demise of Public Health England here
- An observational study on hospital nurse understaffing <u>here</u>
- A perspective on the ethics of quantification <u>here</u>
- A discussion of psychedelic science in post COVID-19 psychiatry here
- A micro-correlation analysis of associations between atmospheric temperature and COVID-19 case growth rates <u>here</u>
- A description of the development of a COVID-19-Anxiety Questionnaire <u>here</u>
- A multisite report of temporal trends in decompensated heart failure and outcomes here
- A description of electronic health record-derived COVID-19 clinical course profiles here
- A description of a method to transform wards into makeshift negative pressure rooms here
- An editorial on agile analytics to support rapid knowledge pipelines here
- Commentary on a fast-track pathway for diabetic foot ulceration during COVID-19 here

Letters and correspondence discussed:

- An average lifetime lost (ALL) descriptive statistic for assessing disease fatality <u>here</u>
- A global survey on surgeons' fear of getting infected by COVID-19 <u>here</u>
- Minimally invasive surgery and safety <u>here</u>



Reviews

- Updates to Cochrane Special Collections on
 - o Coronavirus (COVID-19): infection control and prevention measures here
 - Coronavirus (COVID-19): remote care through telehealth here

Guidance and reports

- The World Health Organisation released updated interim guidance on considerations for quarantine of contacts of COVID-19 cases <u>here</u>
- The National Institute for Health and Care Excellence (NICE) released a rapid guideline on renal transplantation <u>here</u>

Handles	Topics	Links
@NEJM	Audio Interview: COVID-19 and Contact Tracing	Click here
@JAMA	Podcast: The Intersection Between Flu and COVID-19	Click here
@BMJ_latest	Podcast: Talk evidence COVID-19 update - Living meta-analysis and uncertainty	Click here
@HCNSW Health Consumers NSW	Briefing and Visiting Guide: Enabling family presence in a COVID-19 normal world	Click here
TheNEWDaily	News: Australia signs major deal for coronavirus vaccine candidate	Click here

Twitter: Podcasts, news and guides

From the Critical Intelligence Unit #NSWHealthCIU

We are assessing the indirect impact of COVID-19 – focusing particularly on the consequences of missed or delayed healthcare. We are conducting a series of activities to gather experiences and perspectives from healthcare staff, consumers and communities in NSW. To find out more and register your interest <u>click here</u> or email <u>NSWH-CriticalIntelligenceUnit@health.nsw.gov.au</u>

<u>Click here</u> to subscribe the daily evidence digest.



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