# COVID-19 Critical Intelligence Unit

## **Daily evidence digest**

23 May 2020

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

## Nutrition, conspiracy theories, supply chain management, cancer care

## Peer reviewed journals feature:

- Clinical, molecular and immunological data related to the clinical outcome of COVID-19 here
- A perspective on the nutritional management of COVID-19 patients in a rehabilitation unit <u>here</u>
- A small case series examining morphological and molecular changes in the lungs of COVID-19 patients <u>here</u>
- Conspiracy beliefs about COVID-19 in England <u>here</u>
- A simple, fast and affordable triaging pathway for COVID-19 here
- A clinical event debriefing tool to for information on teamwork, medical management and crisis resource management for COVID-19 <a href="here">here</a>
- An overview of immuno-pathogenesis and potential experimental therapies and trials <u>here</u>
- A review of the management of arrhythmia in COVID-19 patients <u>here</u>
- Outbreak trajectories in 16 countries, modelling impact on ICU admissions and deaths here
- Outcomes in patients with hyperglycaemia affected by COVID-19 here
- A review of the dynamics of humoral immune responses following coronavirus infection and COVID-19 serology <u>here</u>
- A modelling study comparing efficacy of individual quarantine with active monitoring of contacts to mitigate COVID-19 here
- A review focused on the immunology of COVID-19 and the implications of using diseasemodifying anti-rheumatic drugs <a href="here">here</a>
- A comment on the impact of the COVID-19 pandemic on cancer care <u>here</u>

#### Letters on:

- Post-mortem examination of patients with COVID-19 here
- Prevalence of putative invasive pulmonary aspergillosis in critically ill COVID-19 patients <u>here</u>
- The effect of COVID-19 on the mental health of patients and workforce here
- Delays in the laboratory response to COVID-19 in the US <a href="here">here</a>



#### **Reviews and Resources:**

- The National Institute for Health and Care Excellence (NICE) published a rapid evidence summary on the long-term use of non-steroidal anti-inflammatory drugs (NSAIDs) for people with or at risk of COVID-19 here
- The Centre for Evidence Based Medicine published an article discussing surveillance data and COVID-19 trends in the community <u>here</u>

#### **Guidance:**

 The national COVID-19 Clinical Evidence Taskforce published guidelines on video laryngoscopy support, clinical flowchart for suspected COVID-19 cases, an update to the clinical flowchart for respiratory support for patients here

#### Media:

 An audio interview on recent advances involving convalescent plasma, monoclonal antibodies, and vaccine candidates here

## Twitter:

Handles	Topics	Links
@ISQua	Webinar recording: Covid-19 is showing us the way to better	Click
	healthcare with Dr Thomas H. Lee	<u>here</u>
	Dr Thomas H. Lee discussed his article in the NEJM Catalyst, The	
	Invisible Patient: Caring for those without COVID-19 and shared his	
	optimism about the future.	
@ISQua	Recorded Webinar: Operational Preparedness and Planning of	Click
	Hospitals in India towards COVID-19 Pandemic	<u>here</u>
@theMJA	Podcast: COVID-19 update, with Prof Allen Cheng and Prof	Click
	Deb Williamson	<u>here</u>
	Includes serological testing and Kawasaki-like symptoms in children	
@rcgp	#RCGPTogetherLIVE: Mental Health and Wellbeing during	Click
	COVID-19	here
@EricTopal and	Recorded webinar and transcript: Revolutionizing Medicine	Click
@richardhoron1	With a Simple Touch and a True Exam	here
in Medscape		

## International perspectives

@ISQua and @IHF\_FIH (International Hospital Federation) have issued a joint statement on combining efforts to support COVID-19 responses here

@bmj\_latest editorial on an ethical roadmap through the COVID-19 response here

## Human experiences

@bmj\_latest opinion on how service 'reset' must be informed by patients experience of the COVID-19 <a href="here">here</a>, @PointofCareFdn #teamtime reflective practice initiative to share experiences <a href="here">here</a>, bmj\_latest blog on patient perspectives of remote consultations <a href="here">here</a> and @NSWHealth has extended the patient experience program to COVID-19 clinics <a href="here">here</a>

## Kawasaki-like symptoms in children

@EricTopal retweeted news coverage from the New York Times <a href="here">here</a>, a review in Science <a href="here">here</a> and a blog from @CanPaedSociety <a href="here">here</a>





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