COVID-19 Critical Intelligence Unit

Daily evidence digest

3 April 2020

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

New guidance on emergency medicine, re-use of face-piece respirators, NSAIDs, podcasts, tiered staffing

NICE updated its critical care guidelines in response to concerns raised by patient groups. Recommendations now clearly highlight the limitations of using the Clinical Frailty Scale (CFS) as the sole assessment of frailty and highlights groups where this should not be used <u>click here</u>

Guidance has also been released from:

- The Australasian College of Emergency Medicine released clinical guidelines for the management of COVID-19 <u>click here</u> and the management of respiratory disease outbreaks including severe influenza, pandemic influenza and emerging respiratory illness <u>click here</u>
- The UK Royal College of Radiologists released a position on the role of CT in patients suspected with COVID-19 infection <u>click here</u>
- The Royal Australian and New Zealand College of Ophthalmologists released triage guidelines
 <u>click here</u> and a coronavirus guideline_<u>click here</u>
- The Royal College of Pathologists of Australasia a Position Statement on COVID-19 IgG/IgM rapid POCT tests <u>click here</u>
- Royal College of Psychiatrists on Managing Long acting Antipsychotic Depots click here
- Australian Society of Plastic Surgeons on protecting staff <u>click here</u> and Plastic and Reconstruction Surgery Prioritisation <u>click here</u>
- The Australian and New Zealand College of Anaesthetists released a statement on personal protection equipment <u>click here</u>
- UK Royal College of Surgeons Good Practice for Surgeons and Surgical Teams click here

The OECD has released COVID-19 Country Policy Tracker that allows interactive exploration of actions taken by each country <u>click here</u>

The CDC has summarised available research on Decontamination and Reuse of Filtering Facepiece Respirators using Contingency and Crisis Capacity Strategies <u>click here</u>

BMJ Drugs and Therapeutics Bulletin published EMA advice on NSAIDs for COVID-19 click here

JAMA Otolaryngology published two new articles, one on safety recommendations for evaluation and surgery of the head and neck <u>click here</u> and one on surgical considerations for tracheostomy <u>click here</u>

The College of Intensive Care Medicine of Australia and New Zealand has highlighted the fast reshaping of ICU facilities in a large metropolitan hospital in Milan, Italy <u>click here</u>

A small study on time kinetics of viral clearance showing patients with COVID-19 were viral positive even after resolution of their symptoms <u>click here</u>



Emerging perspectives

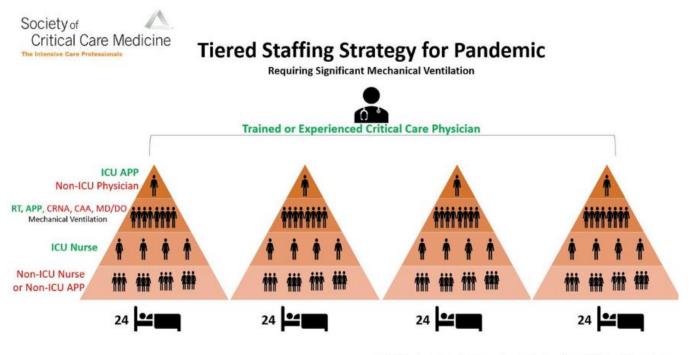
- Podcasts including a series from Elsevier with three episodes, including one on telehealth <u>click</u> <u>here</u> and an apple podcast on the pressures for ICU staff <u>click here</u>
- The Commonwealth Fund published a Q&A on Expanding ICU Capacity in the Midst of a Pandemic <u>click here</u> (Figure 1)
- An ISQua Webinar with Walter Ricciardi discussing the impact of COVID-19 on the health system in Italy <u>click here</u>

Twitter

• ACI created a thread following the International experts' advisory committee. Follow @nswaci and track #ACIshare and #NSWHealthCIU. Key points included; some innovations borne out of the pandemic, we will keep for transformation; focus on presenting person-centred care throughout the pandemic; resources need to be bite-sized and disseminated at the right time. Listen deeply and turn-in to what people need now and after the immediate pandemic.

Organisational responses and lessons for the UK	Source
Cancer centres nationwide are joining forces to track cancer patients with #coronavirus and ensure continuity of high-quality care.	@ukcoronacare
World View: "#COVID19 might be just a wake-up call: let's use it to rebuild our systems into something more resilient	@nature
Emergency public health interventions improve the NHS's ability to tackle covid-19 <u>https://twitter.com/lower_baseline/status/1245325828327604224</u>	@bmj_latest

Figure 1: Tiered Staffing Strategy for Pandemic



Modified from the Ontario Health Plan for an Influenza Pandemic Workgroup. Critical Care During a Pandemic.



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