

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

Modelling, epidemiology, suicide risk, preventing hospital admissions

Peer reviewed journals feature:

- A modelling study on the effect of changing case definitions for COVID-19 on the epidemic curve and transmission parameters in mainland China [here](#)
- Epidemiological and serological investigation for connecting clusters and identifying convalescent COVID-19 cases [here](#)
- A systematic review on Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) infection in children and adolescents [here](#)
- A protocol to manage high clinical suspicion COVID-19 in-patients with negative RT-PCR: a pragmatic and limited role for thoracic CT [here](#) (Figure 1)
- Cross sectional study on temperature and sickness surveillance systems for staff working in COVID-19 areas [here](#)
- A report on COVID-19 transmission in GI endoscopy [here](#)
- A commentary on suicide risk and prevention during the COVID-19 pandemic [here](#)
- An overview of national regulatory authorities' recommendations of 27 countries on extended use or reuse of N95 respirators during COVID-19 pandemic, with some conflicting advice [here](#)
- Research letters focused on:
 - The estimation of case-fatality risk in real time [here](#)
 - The experience of managing a tertiary-level NICU in a high-risk COVID zone [here](#)
 - Hospital-based use of thrombo-prophylaxis in patients with COVID-19 [here](#)
 - The importance of including ethnicity in COVID-19 minimum dataset [here](#)

A pre-peer review article focused on the development and validation of an early warning score (EWAS) for predicting clinical deterioration in patients with COVID-19 [here](#)

The Centre for Evidence Based Medicine released reviews on: which conditions to prioritise in the primary care setting to reduce non-COVID-related admissions to hospital [here](#); and available prognostic clinical risk prediction scores for COVID-19 for use in the community setting [here](#)

New guidance focuses on:

- Rationalising early pregnancy services in the evolving COVID-19 pandemic [here](#)
- Remote Verification of Expected Death (VoED) Out of Hospital from RCGP [here](#)
- Regulatory advice from TGA on ventilators and other devices intended for respiratory support for COVID-19 [here](#)
- A CDC statement on precautions around pets [here](#)
- Updated guidance for homeless service providers to plan and respond to COVID-19 [here](#)

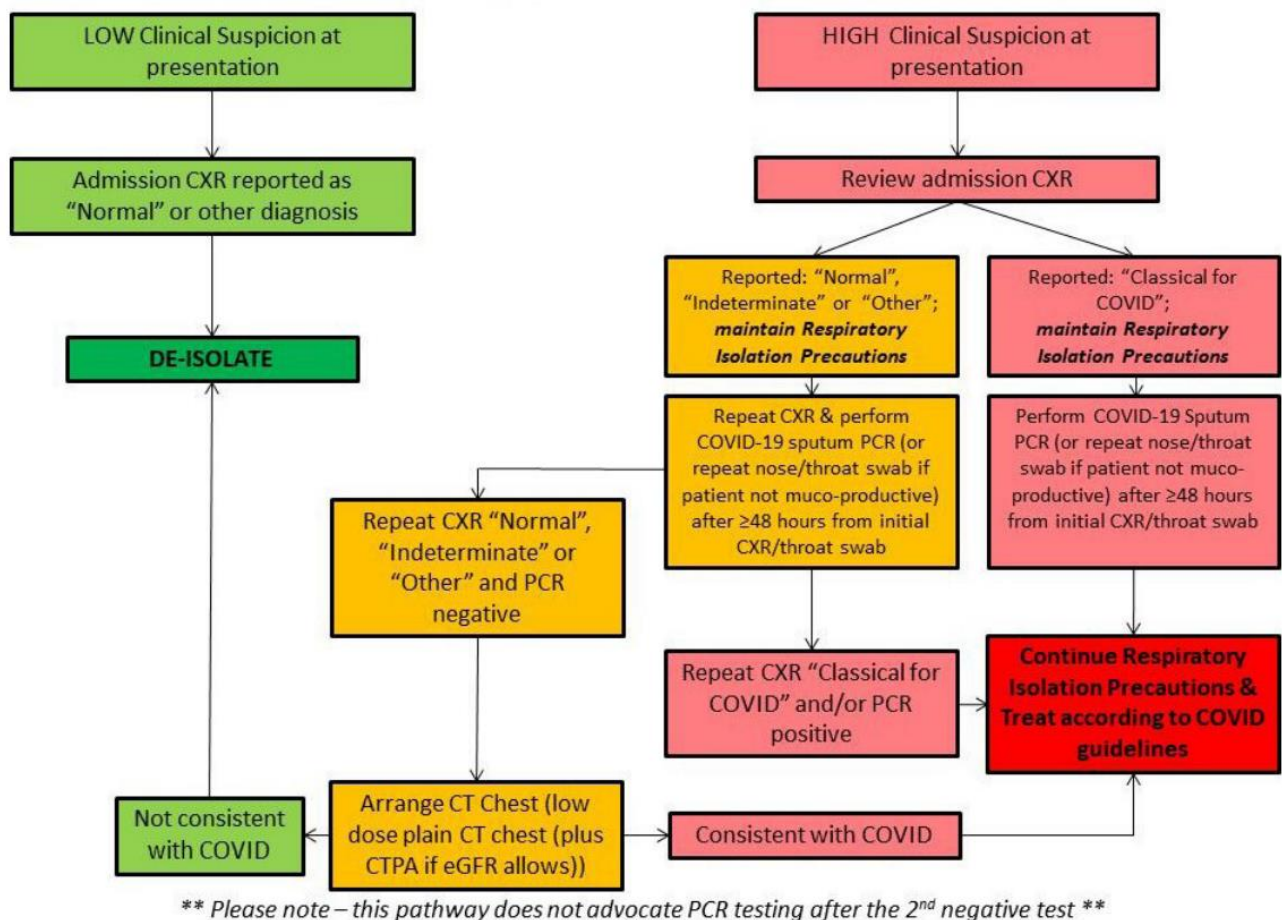
Twitter activity

Deaths in care homes in the UK has been a subject of discussion over the past week. Today, discussion focused on a news article from @bmj_latest [here](#) and @ONS statistics.

There is also increased activity around research waste during COVID-19 with publication of an opinion piece in @bmj_latest [here](#) and traffic on #infodemic.

Two pre-print papers are circulating on Twitter: 1) saliva is sensitive for SARS-CoV-2 detection in patients with COVID-19 [here](#); 2) the Singapore journey From SARS to COVID-19 [here](#)

Figure 1: Proposed infection control management of inpatients with a negative initial COVID-19 nose/throat swab RT-PCR.



Source: Tavare et al, 2020

