COVID-19 Critical Intelligence Unit

Daily evidence digest

12 March 2021

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

Heightened risk of mortality with the UK/Kent variant, COVID-19 and liver disease, virtual health care for community management in Australia

Peer reviewed journals featured:

- A review of COVID-19 and liver disease here
- A clinical review on pathogenesis and clinical management of severe COVID-19 here
- A modelling study on the early prognostication of COVID-19 using prediction scores here
- A survey on parental perceptions about seeking healthcare during COVID-19 in London here
- Bibliometric analysis of research trends in COVID-19 vaccines here
- Observational studies on:
 - o The risk of mortality in patients with VOC-202012/1 (UK / Kent) variant here
 - Risk factors of SARS-CoV-2 seropositivity in healthcare personnel in the US here and associated commentary here
 - Factors linked to severe outcomes in multisystem inflammatory syndrome in children in the US <u>here</u> and associated commentary <u>here</u>
 - Association of age with likelihood of developing symptoms and critical disease among close contacts of COVID-19 cases <u>here</u>
 - o Kidney injury and longitudinal kidney function after hospital discharge here
 - Virtual health care for community management of COVID-19 patients in Australia here
- Commentary on:
 - o Alternatives to conventional hospitalisation that enhance health systems capacity here
 - The high risk of COVID-19 in patients with gout <u>here</u>
 - The need for a coordinated system and sustainable financing for global R&D here
 - Self-isolation and quarantine approaches for COVID-19 here
 - The US Centers for Disease Control and Prevention recommendations for fully vaccinated people <u>here</u>
 - o Saliva tests comparable with nasal swabs for SARS-CoV-2 detection here

Letters and correspondence discussed:

- Gastrointestinal sequelae 90 days after discharge for COVID-19 here
- Characteristics and mortality associated with diabetic ketoacidosis in US hospitalised patients here
- A case of deep vein thrombosis (DVT) after the second dose of Pfizer vaccine here
- Attributes and predictors of post-acute COVID-19 syndrome <u>here</u>



Pre-peer review articles featured:

• Immune response to SARS-CoV-2 variants of concern in vaccinated individuals here

News and blogs

- The NHS Test and Trace service made no difference in England here
- The known unknowns regarding COVID-19 and vaccines here
- The answers to the top 3 COVID-19 vaccine questions here

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Living Evidence Tables

A Living Evidence table on <u>COVID-19 transmission</u> has been added to those on <u>vaccines</u>, and <u>variants</u> of concern

