

Daily evidence digest

5 October 2021

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

Ventilator-associated pneumonia, behavioural interventions for physical distancing, vaccination and post-acute sequelae of COVID-19

Peer reviewed journals featured:

- A systematic review on ventilator-associated pneumonia in critically ill COVID-19 patients [here](#)
- Randomised controlled trial on virtual care remote monitoring post-discharge after surgery [here](#)
- A narrative review on neuropsychiatric manifestations of COVID-19 [here](#)
- Observational studies on:
 - Behavioural interventions for physical distancing during COVID-19 [here](#)
 - Virucidal effects of 405 nm visible light on SARS-CoV-2 and influenza A virus [here](#)
 - Cardiac abnormalities in hospitalised patients with COVID-19 [here](#)
 - Immune responses to Comirnaty (Pfizer) vaccine in adults with solid tumours [here](#)
 - RT-qPCR analysis of SARS-CoV-2 in wastewater as a tool for epidemiology [here](#)
 - External validation of prognostic scores for COVID-19 [here](#)
- Modelling studies on:
 - Future waves of SARS-CoV-2 infection generated by variants of concern [here](#)
 - The impact of facemasks and associated leakage on airborne transmission [here](#)

Letters and correspondence discussed:

- Discovery of the origins of viruses [here](#)

Pre-peer review articles featured:

- Efficacy of COVID-19 vaccination on the symptoms of patients with post-acute sequelae of COVID-19 (long COVID) [here](#)
- Analysis of overdispersion in airborne transmission of COVID-19 [here](#)

Guidance and reports

- The World Health Organization updated COVID-19 in children and adolescents [here](#)

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