

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

Research letters on aortic valve replacement, in-hospital cardiac arrests, older people in vaccine trials

Peer reviewed journals featured:

- A systematic review and meta-analysis on susceptibility to COVID-19 infection among children and adolescents compared with adults [here](#)
- A rapid review and meta-analysis on facemask use in community settings [here](#)
- An open-label, randomised trial of the combination of IFN- κ plus TFF2 compared with standard care in the treatment of moderate COVID-19 [here](#)
- A BMJ data briefing on the effect of COVID-19 and system recovery for the NHS [here](#)
- A cohort study on clinical criteria for COVID-19-associated hyperinflammatory syndrome [here](#)
- A statistical analysis of the characteristics of COVID-19 transmission to high risk contacts [here](#)
- Two studies from Ireland on the impact of COVID-19 on emergency presentations to a tertiary hospital with self-harm [here](#) and psychiatry presentations to the emergency department [here](#)
- A genetic association study on a risk factor for COVID-19 inherited from Neanderthals [here](#)
- An editorial on developing infectious disease surveillance systems [here](#)
- JAMA viewpoints on COVID-19 and:
 - heart failure with preserved ejection fraction [here](#)
 - prevention and response on US college campuses [here](#)
- Commentaries on:
 - Allied health student placements in remote northern Australia during COVID-19 [here](#)
 - The use of mobile phone data to inform the COVID-19 response [here](#)
 - False-positive COVID-19 results [here](#)

Letters and correspondence discussed:

- Aortic valve replacement during COVID-19 [here](#) and [here](#) and associated commentary [here](#)
- Clinical outcomes of in-hospital cardiac arrest in COVID-19 [here](#) and associated commentary [here](#)
- The exclusion of older persons from vaccine and treatment trials for COVID-19 [here](#)
- Screening for COVID-19 in asymptomatic patients with cancer [here](#)
- Gastrointestinal complications in critically ill patients with and without COVID-19 [here](#)
- The impact of lockdown on COVID-19 epidemics across metropolitan France [here](#)
- Differences between reporting of randomised controlled trials in medRxiv and PubMed [here](#)
- The low risk of COVID-19 transmission by fomites in real-life conditions [here](#)

Reviews

- The Cochrane Library published a review on thoracic imaging tests for the diagnosis of COVID-19 [here](#)

Guidance and reports

- The World Health Organization's Regional Office for Europe published recommendations on influenza vaccination for the 2020/2021 season during the ongoing COVID-19 pandemic [here](#)
- Australian Department of Health's released its fortnightly epidemiology report [here](#)

News and blogs

- Two BMJ blogs on pooled testing for COVID-19 in the UK [here](#) and the importance of a One Health approach to improve human pandemic infection control [here](#)
- A Q&A from Nature Communications on a vision for actionable science in a pandemic [here](#)
- The COVID-19 death toll [here](#)
- Using people's voices to diagnose coronavirus infections [here](#)

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