

Daily evidence digest

18 September 2020

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

Diabetes, cultural norms, voice assistants, vaccine update

Peer reviewed journals featured:

- A systematic review of biomarkers and outcomes of COVID-19 hospitalisations [here](#)
- An observational cohort study of COVID-19 patients admitted to Australian intensive care units [here](#)
- A modeling study of the association between cultural norms and COVID-19 spread data [here](#)
- A Lancet editorial on the bidirectional interactions between COVID-19 and diabetes [here](#)
- Commentary on the use of voice assistants to support healthcare delivery during a pandemic [here](#)

Letters and correspondence discussed:

- Change in donor characteristics and antibodies to COVID-19 in donated blood in the US [here](#)
- The value of local and clinical NHS leadership during COVID-19 [here](#)
- Associations between phone mobility data and COVID-19 cases in the US [here](#)
- A case report on the effectiveness of PPE for preventing aerosolised COVID-19 transmission [here](#)
- Detection of COVID-19 using SHERLOCK “one-pot” testing [here](#)
- Responses to a study on cortisol concentration and mortality [here](#) and [here](#), and authors’ reply [here](#)

Reviews

- The Cochrane Library released:
 - A rapid review on travel-related control measures to contain COVID-19 [here](#)
 - An update to its collection on COVID-19 infection control and prevention measures [here](#)

News and blogs

- A Harvard Medical School Grand rounds presentation from Dr Anthony Fauci [here](#)
- A Medscape one-on-one with Paul Offit about COVID vaccines [here](#)
- A BMJ opinion piece on rising COVID-19 transmission and a broken testing system in the UK [here](#)
- An interview with Dominique Brossard on the science of persuasion and COVID-19 prevention [here](#)

Vaccine update

- As of 16 September 2020, there were 180 vaccine candidates globally, with 34 vaccine candidates in human clinical trials [here](#)