

## Daily evidence digest

16 November 2020

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

### Reproductive number ( $R_0$ ), low dose far-UVC lighting, collider bias, suicide trends

#### Peer reviewed journals featured:

- A systematic review and meta-analysis on the reproductive number ( $R_0$ ) of SARS-COV-2 [here](#)
- An experimental study on pooled nucleic acid amplification tests for COVID-19 [here](#)
- A case study describing universal admission testing in a Dublin tertiary hospital [here](#)
- Modelling studies on:
  - Airborne COVID-19 inactivation using low dose far-UVC lighting [here](#)
  - Estimating associations between decreased educational attainment and lower life expectancy of US children due to COVID-19 [here](#)
- Editorials on:
  - Antibody testing for COVID-19 in the UK [here](#)
  - Suicide trends during COVID-19 [here](#)
  - The need for new thinking and new leadership [here](#)
- Commentaries on:
  - Collider bias and its impact on understanding about disease risk and severity [here](#)
  - Failure to counter the second COVID-19 wave in Italy [here](#)
  - A New York City hospital command centre for coordinating discharges and arranging home oxygen [here](#)
  - Policy and regulatory frameworks governing vaccines in the European Union [here](#)

#### Letters and correspondence discussed:

- SARS-CoV-2 RNA test results among recovered COVID-19 patients with prior negative results [here](#)

#### Guidance and reports

- The National COVID-19 Clinical Evidence Taskforce updated recommendations and clinical flowcharts [here](#)

## News, blogs and podcasts

- BMJ blog on pharma companies and funding agreements for COVID-19 vaccines [here](#)
- A podcast on the COVID-19 second wave in the UK, viral transmission, and a vaccine announcement [here](#)
- Variations in US state flu vaccination rates and challenges for distributing a COVID-19 vaccine [here](#)
- What's next for COVID-19 apps? Governance and oversight [here](#)

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