

Daily evidence digest

13 December 2021

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

Volatile organic compounds-based breath analysis, PPE litter, public health system requirements in Australia

Peer reviewed journals featured:

- A systematic review on volatile organic compounds-based breath analysis for COVID-19 screening [here](#)
- Observational studies on:
 - Incentive lottery programs and uptake of COVID-19 vaccinations in the US [here](#)
 - Causal risk factors for severe COVID-19 [here](#)
 - Personal protective equipment and COVID-19 related litter [here](#)
 - Mucormycosis after COVID-19 in India [here](#) and associated commentary [here](#)
 - Salivary detection of COVID-19 by oral sponge sampling [here](#)

Letters and correspondence discussed:

- Omicron's spread tracked with molecular data [here](#)

Pre-peer review articles featured:

- Public health system requirements for ongoing COVID-19 management in Australia [here](#)
- Mortality and length of stay among hospitalised COVID-19 patients in Ontario and Québec [here](#)
- Insights on the mutational landscape of Omicron [here](#)

Guidance and reports

- The World Health Organization published updates on:
 - SARS-CoV-2 and Omicron [here](#)
 - Recommendations for the use of Johnson & Johnson (Janssen) vaccine [here](#) and [here](#)

News and blogs

- Covid restrictions tighten as Omicron cases double every two to three days in the UK [here](#)

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