COVID-19 Critical Intelligence Unit

Daily evidence digest

3 May 2021

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

The OxCOVID global database, BMI and COVID-19 severity, pulmonary fibrosis four months after severe COVID-19, the first billion vaccine doses

Peer reviewed journals featured:

- Narrative reviews on
 - The OxCOVID19 database on the global impact of the pandemic here
 - SARS-CoV-2 in immune-mediated inflammatory diseases <u>here</u> and associated commentary <u>here</u>
- Observational studies on:
 - o Body mass index and COVID-19 severity here and associated commentary here
 - Pulmonary fibrosis four months after severe COVID-19 <u>here</u>
 - SARS-CoV-2 infection in pregnancy and neonatal outcomes <u>here</u> and associated editorial <u>here</u>
 - Cancer screening deficit associated with COVID-19 in the US <u>here</u>
 - Axillary lymph node hypermetabolism after Pfizer vaccination in cancer patients <u>here</u> and <u>here</u>
 - o Human-to-cat SARS-CoV-2 transmission in the UK here
 - HIV status and SARS-CoV-2 infection <u>here</u> and associated commentary <u>here</u>
 - o Oncology-palliative medicine ethics for advanced cancer and COVID-19 here
- Editorials on:
 - o Clinical guidelines in a pandemic here
 - Mass screening for asymptomatic SARS-CoV-2 infection <u>here</u>
 - Keeping the world's doctors safe here
- Commentary on:
 - SARS-CoV-2 elimination or mitigation; for health, economy, and civil liberties outcomes here
 - o A global pandemic treaty here
 - SARS-CoV-2 variants and vaccines <u>here</u>
 - Durable immune control of SARS-CoV-2 and prevention of reinfection <u>here</u>
- A 'head to head' debate on wearing masks outdoors here



Letters and correspondence discussed:

- Hospice day centres during COVID-19 in the UK <u>here</u>
- Risk compensation, or 'the Peltzman effect', and COVID-19 waves in Europe here
- Complications of COVID-19 nasopharyngeal swab tests <u>here</u>

Guidance and reports

- The World Health Organization published:
 - Guidance for conducting a country COVID-19 intra-action review here and here
 - o A COVID-19 health system response monitor, focused on New Zealand here
- The National COVID-19 Clinical Evidence Taskforce updated recommendations and clinical flowcharts <u>here</u>

News and blogs

- The first billion COVID vaccinations here
- Heavy use of oxygen brings new danger to the world's hospitals <u>here</u>
- The US relaxes rules on mask-wearing for fully vaccinated people here
- Booster vaccine to be rolled out in autumn as the UK secures 60m more Pfizer doses here
- Equity, ending this pandemic, and preparing for the next here

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on <u>COVID-19 transmission</u>, SARS-CoV-2 <u>vaccines</u>, and <u>variants</u> of concern.



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