COVID-19 Critical Intelligence Unit

Daily evidence digest

28 May 2021

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

Persistent COVID-19 symptoms, phase 3 trials of two inactivated SARS-CoV-2 vaccines, ocular findings in COVID-19 survivors

Peer reviewed journals featured:

- Systematic reviews on:
 - o Frequency and variety of persistent symptoms among COVID-19 patients here
 - o Remdesivir treatment for COVID-19 here
 - Favipiravir treatment for COVID-19 here
- A review of clinical excellence in COVID-19 care here
- A meta-analysis on the impact of dipeptidyl peptidase-4 inhibitors (DPP-4is) on COVID-19 mortality here
- Phase 3 trials on two inactivated SARS-CoV-2 vaccines (WIV04 and HB02) here
- Observational studies on:
 - Ocular findings among patients surviving COVID-19 <u>here</u>
 - o Early humoral responses of hemodialysis patients after Pfizer vaccination here
 - o Disruption of glycometabolic control after SARS-CoV-2 infection here
 - o Immune response to SARS-CoV-2 variants of concern in vaccinated individuals here
 - Methotrexate and immunogenicity to Pfizer vaccine among patients with immunemediated inflammatory disease <u>here</u>
 - Changes in the behavioural determinants of health during COVID-19 here
- A modelling study on patterns and determinants of disease transmission during COVID-19 here
- An editorial focused on a personal experience of post-acute COVID-19 syndrome here
- Commentaries on:
 - Reflections one-year after rapid roll-out of virtual clinics at the UK's Royal National Orthopaedic Hospital <u>here</u>
 - COVID-19-associated Aspergillus tracheobronchitis <u>here</u>
 - Strategies for increasing COVID-19 vaccine uptake <u>here</u>
 - The cost of disability caused by COVID-19 <u>here</u>
 - Recovery the world's biggest COVID-19 treatment trial <u>here</u>
 - Engaging the public in the response to COVID-19 <u>here</u>
 - COVID-19 and clinical service innovations worth keeping <u>here</u>



Letters and correspondence discussed:

- Perioperative risk evaluation in patients scheduled for elective surgery close to SARS-CoV-2 vaccination <u>here</u>
- Immunogenicity and safety of Pfizer vaccine in a chronic lymphocytic leukaemia patient here
- Preliminary data on severe SARS-CoV-2 infection caused by 501Y.V2 (South Africa) variant here
- A case of thyroiditis and thyrotoxicosis after SARS-CoV-2 mRNA vaccine here

Pre-peer review articles featured:

COVID-19 and safe Tokyo Olympics and Paralympics games <u>here</u>

Guidance and reports

• The World Health Organization published its weekly COVID-19 epidemiological report here

News and blogs

- The mini lungs and other organoids helping to beat COVID-19 here
- What the science says about lifting mask mandates in the US <u>here</u>
- The spread of variants in countries with low vaccination rates <u>here</u>

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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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