COVID-19 Critical Intelligence Unit

Daily evidence digest

30 September 2021

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

Statins and COVID-19, news media coverage of public health and policy messages, serum magnesium levels in COVID-19

Peer reviewed journals featured:

- · Systematic reviews on:
 - Statin therapy and COVID-19 outcomes here
 - Phase 3 trials and observational studies of COVID-19 vaccines here
 - o Ivermectin as a COVID-19 treatment here
- Observational studies on:
 - o News media coverage of COVID-19 public health and policy information here
 - o Cognitive predictors of adherence to social distancing measures in COVID-19 here
 - Impact of smoking, COPD and comorbidities on the mortality of COVID-19 patients here
 - o Glucose-6-phosphatase dehydrogenase deficiency and COVID-19 outcomes here
 - Behavioural gender differences during COVID-19 in Austria here
 - Chronic corticosteroid therapy in COVID-19 patients with and without chronic liver disease here
 - Anxiety and depression symptoms after COVID-19 infection here
 - Accuracy of the Veterans Health Administration COVID-19 (VACO) Index for predicting short-term mortality <u>here</u>
 - Impact of COVID-19 on telepsychiatry across two NHS mental health Trusts <u>here</u>
 - Smoking and COVID-19 outcomes in the UK here
 - Metal leaching from antimicrobial cloth face masks here
 - o Serum magnesium levels in hospitalised COVID-19 patients here
- Commentary on:
 - COVID-19 risk and mortality in hospitals <u>here</u>
 - o Consent for COVID-19 vaccination in children in the UK here
 - o Operational responses to COVID-19 in a tertiary ophthalmology centre here

Letters and correspondence discussed:

Antibody responses to vaccination in allogeneic hematopoietic stem cell transplant recipients here



Pre-peer review articles featured:

- Changes in dispensing of medicines proposed for re-purposing during COVID-19 in Australia here
- Antibody responses against SARS-CoV-2 variants induced by four different vaccines <u>here</u>
- Effectiveness of Comirnaty (Pfizer) vaccine against severe SARS-CoV-2 infections in Israeli here
- COVID-19 L·OVE repository can be used as a single source for COVID-19 studies here

Guidance and reports

• The World Health Organization updated its weekly operational report on COVID-19 here

News and blogs

- Shortages of rheumatoid arthritis drugs hit Europe after demand surges for treating COVID-19 here
- New York's health workers agree to vaccinate as mandate bites here
- Fully vaccinated patients no longer need to test or isolate before elective procedures in the UK here
- The psychology and politics of wearing masks here
- The race between vaccination and evolution of COVID-19 variants 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, <u>post-acute sequelae of COVID-19 (PASC)</u>, surgery and COVID-19, rapid testing and risk mitigation strategies.



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