Daily evidence digest

5 February 2021

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

Prediction models for diagnosis and prognosis, the RECOVERY trial and azithromycin, rapid testing technologies

Peer reviewed journals featured:

- An updated systematic review on prediction models for diagnosis and prognosis of COVID-19 here
- A meta-analysis on mortality and disease severity among COVID-19 patients using ACEI/ARB here
- A randomised controlled trial (RECOVERY) on azithromycin treatment here and associated commentary here
- A narrative review on COVID-19 vaccines in pregnancy here
- Cohort studies on:
  - Transmission of COVID-19 in 282 clusters in Catalonia, Spain here and associated commentary here
  - Low birth weight as a potential risk factor for severe COVID-19 in adults here
- Commentary on:
  - The necessity for two doses of Pfizer and Moderna COVID-19 vaccines here
  - Manufacturing decisions for packaging COVID-19 vaccine here
  - The safety and effectiveness of Sputnik V COVID-19 vaccine here
  - COVID-19-cytokine storm syndrome here
  - The use of new rapid testing technologies for COVID-19 here

Letters and correspondence discussed:

- High oxygen flow rates with the University College London (UCL) Ventura CPAP device here

Pre-peer review articles featured:

- An observational study on post vaccination antibody responses in ex-COVID-19 subjects here
Guidance and reports

- The World Health Organization published recommendations for use of the Moderna vaccine here
- The Australian Health Protection Principal Committee (AHPPC) updated its advice on minimising the potential risk of COVID-19 transmission in schools here
- The Canadian National Collaborating Centre for Methods and Tools released a rapid review on risks and mitigation of transmission of COVID-19 during musical activities here

News and blogs

- Tracking the COVID-19 mental-health toll here
- COVID-19 and schools – known unknowns here
- Patient registers to measure the impacts of post-acute COVID-19 syndrome (long COVID) here

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