Daily evidence digest

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

ROX index as a predictor of high flow nasal cannula failure, risk prediction of COVID-19 related death and hospitalisation after vaccination

Peer reviewed journals featured:

- A systematic review on the ROX (respiratory rate oxygenation) index as a predictor of high flow nasal cannula failure in COVID-19 patients with acute hypoxemic respiratory failure here
- A phase 1/2 trial of inactivated Sinopharm vaccine in people under 18-years here
- A narrative review on biological and clinical significance of emerging SARS-CoV-2 variants here
- Observational studies on:
  - Risk prediction of COVID-19 related death and hospital admission in adults after vaccination here
  - COVID-19 vaccination and unemployment risk in Italy here
- Commentary on how native Americans led the way in the US vaccination effort here

Pre-peer review articles featured:

- Hospital-level work organisation and the spread of SARS-CoV-2 within hospitals here

Guidance and reports

- The World Health Organization published:
  - Guidance on COVID-19 surveillance for vulnerable populations here
  - Updates to the COVID-19 vaccine tracker here
- Public Health England published an update on SARS-CoV-2 variants of concern and variants under investigation here

News and blogs

- COVID-19 vaccine immunity is waning here
- Vaccine innovation and COVID-19’s collateral damage here
- Booster dose reduces infections and severe illness in over 60-year-olds here
- Why we cannot ignore Nepal’s COVID-19 crisis here

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