

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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