

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

Thromboprophylaxis after COVID-19 hospitalisation, SARS-CoV-2 effect on respiratory features and mortality, surveillance testing in nursing homes

Peer reviewed journals featured:

- Randomised clinical trials of:
 - Thromboprophylaxis after COVID-19 hospitalisation [here](#)
 - Heterogeneous treatment effects of therapeutic-dose heparin in COVID-19 patients [here](#)
- Observational studies on:
 - The effect of SARS-CoV-2 variant on respiratory features and mortality [here](#)
 - COVID-19 surveillance testing and resident outcomes in nursing homes [here](#)
 - Effectiveness of nirmatrelvir–ritonavir (Paxlovid) in preventing hospital admissions and deaths in US COVID-19 people [here](#) and associated commentary [here](#)
 - Comparative effectiveness of Comirnaty (Pfizer) vs Spikevax (Moderna) vaccine boosting in England [here](#)
 - Correlates of protection and viral load trajectories in Omicron breakthrough infections in triple vaccinated healthcare workers [here](#)
- An editorial on searching for SARS-CoV-2 origins [here](#)
- Commentary on:
 - Addressing the long-term effects of COVID-19 on children and families [here](#)
 - Creating a better post-pandemic future for adolescents with disabilities [here](#)
 - The UK government’s attempt to frighten people into COVID-19 protective behaviours was at odds with its scientific advice [here](#)

Letters and correspondence discussed:

- Bivalent COVID-19 vaccines [here](#)
- Patient and public involvement within epidemiological studies of long COVID in the UK [here](#)
- Previous infection, vaccinations, and anti–SARS-CoV-2 antibody titres and protection against infection with the Omicron BA.5 variant [here](#)
- Projected COVID-19 mortality reduction from Paxlovid rollout [here](#)

Pre-peer review articles featured:

- Cost of primary care consultations associated with long COVID in non-hospitalised UK patient [here](#)
- The effects of COVID-19 on cognitive performance in a UK community-based cohort [here](#)
- Genomic surveillance reveals dynamic shifts in the connectivity of COVID-19 epidemics [here](#)
- Safety and effectiveness of SA58 nasal spray against SARS-CoV-2 family transmission [here](#)
- A systematic review on SARS-CoV-2 transmission models in healthcare settings [here](#)
- Relative vaccine effectiveness (rVE) of mRNA COVID-19 boosters in the UK [here](#)
- Modelling the impact of hybrid immunity on future COVID-19 epidemic waves [here](#)
- Evidence of autoinflammation as the principal mechanism of myocardial injury in SARS-COV-2 PCR-positive autopsy hearts [here](#)
- Prone-position vs usual care in hypoxemic COVID-19 patients in medical wards [here](#)
- Treatment for COVID-19-induced taste and smell dysfunction [here](#)
- Immunogenicity and safety of COVID-19 booster vaccination [here](#)
- Long-term outcomes of COVID-19 infection in children and young people [here](#)
- A three-year follow up on persisting olfactory impairments in recovered COVID-19 patient [here](#)

Guidance and reports

- The World Health Organization published:
 - An update on working definitions and tracking system for SARS-CoV-2 variants of concern and variants of interest [here](#)
 - Its weekly COVID-19 epidemiological report [here](#)
- The Canadian National Collaborating Centre for Methods and Tools rapid review on public's experiences accessing and interacting with public health information during COVID-19 [here](#)

News and blogs

- Public had most trust in advice from physicians, nurses during pandemic [here](#)
- “Living” systematic review of mental health during pandemic [here](#)
- US maternal mortality rose during COVID-19 [here](#)
- COVID-origins study links raccoon dogs to Wuhan market [here](#)

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