

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

Quadrivalent influenza vaccine administered with Spikevax, innate immunity vs SARS-CoV-2, immunology of SAR-CoV-2 infection in children

Peer reviewed journals featured:

- A systematic review on facemask use in the general population [here](#)
- A randomised clinical trial on a high dose quadrivalent influenza vaccine administered concomitantly with a third dose of Spikevax (Moderna) vaccine in adults aged 65 years and over [here](#)
- Narrative reviews on:
 - Innate immunity against SARS-CoV-2 [here](#)
 - Immunology of SARS-CoV-2 infection in children [here](#)
 - Pathological sequelae of long-haul COVID-19 [here](#)
 - The T cell immune response against SARS-CoV-2 [here](#)
- Observational studies on:
 - Co-production of infographics for child health during COVID-19 using quality improvement methods [here](#)
 - Omicron variant replication in human bronchus and lung *ex vivo* [here](#)
 - Prevalence of common infectious diseases after COVID-19 vaccination and easing of restrictions in Israel [here](#)
 - Excess mortality during COVID-19 in Switzerland, Sweden, and Spain [here](#)
 - Impact of rapid mass COVID-19 vaccination in a variant of concern hotspot [here](#)
 - Inactivated COVID-19 vaccines against Delta-related illness [here](#)
 - Association of Vaxzevria (AstraZeneca) and Comirnaty (Pfizer) vaccination with thromboembolic and thrombocytopenic events in frontline personnel [here](#)
 - Attenuated fusogenicity and pathogenicity of the Omicron variant [here](#)
 - Altered TMPRSS2 usage by Omicron impacts tropism and fusogenicity [here](#)
 - Border closures and the spread of SARS-CoV-2 [here](#)
 - B cell and T cell responses by a third dose of inactivated COVID-19 vaccine [here](#)
- Commentary on:
 - Access to scarce medical capacity for non-COVID-19 patients [here](#)
 - COVID-19's lesson for governments [here](#)

Guidance and reports

- The World Health Organization published:
 - Updates of its COVID-19 epidemiological report [here](#) and operational report [here](#)
 - A guide on end-to-end integration of SARS-CoV-2 and influenza sentinel surveillance [here](#)

News and blogs

- COVID-19 patients discharged from hospital have “substantially higher risk” of adverse outcomes and need monitoring [here](#)
- Pandemic waste threatens human and environmental health [here](#)

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Living Evidence Tables

Living Evidence tables are up-to-date summaries of emerging evidence. Tables are available on [COVID-19 transmission](#), SARS-CoV-2 [vaccines](#), and [variants](#) of concern, [post-acute sequelae of COVID-19 \(PASC\)](#), [surgery and COVID-19](#), [rapid testing](#) and [risk mitigation strategies](#).