Daily evidence digest

14 March 2022

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

Rapid and laboratory-free COVID-19 triage for emergency care, long COVID symptoms, Omicron stability on various surfaces

Peer reviewed journals featured:

- A randomised controlled trial of vaccine boosters after Johnson & Johnson (Janssen) priming here
- Observational studies on:
    - Real-world evaluation of rapid and laboratory-free COVID-19 triage for emergency care here and associated commentary here
    - Antibody response to Spikevax (Moderna) vaccination in cancer patients here
    - COVID-19 vaccine coverage and factors associated with vaccine uptake among homeless adults in Ontario here
    - Depressive and anxiety symptoms in adolescents in the later stage of COVID-19 here
    - COVID-19 patients serum and cross-neutralisation against variants of concern here
    - The impact of COVID-19 on cancer care in France here
    - Divergent trajectories of antiviral memory after SARS-CoV-2 infection here
    - Effectiveness of COVID-19 vaccines over a 9-month period in North Carolina here
    - Comirnaty (Pfizer) vaccine effect on endothelial function and arterial stiffness here
- Commentary on:
    - Evidence on heterologous COVID-19 vaccine schedules here
    - Building vaccine confidence during an epidemic of uncertainty here
    - Key concerns about future pandemic preparedness here

Pre-peer review articles featured:

- A systematic review on long COVID (post-acute COVID-19 syndrome) symptoms here
- Physical, psychological, and cognitive profile of post-COVID condition in healthcare workers here
- Omicron variant stability on various surfaces here
- Delta/Omicron co-infections in Argentina here
- Trends, regional variation, and clinical characteristics of non-hospitalised COVID-19 patients who received antivirals and neutralising monoclonal antibodies in England here
- COVID-19's durable transformation of healthcare delivery here
- Boosters protect young adults from SARS-CoV-2 infections in an Omicron-predominant period here

Guidance and reports

- The Cochrane Library published a systematic review on inhaled corticosteroids for the treatment of COVID-19 here
- An update of the BMJ best practice guide on COVID-19 here

News and blogs

- Kids show mysteriously low levels of COVID-19 antibodies here
- NEJM audio interview on making COVID-19 vaccines available around the world here
- Studies show lasting cognitive effects after COVID-19 infection here

Click here to subscribe to the daily evidence digest.

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.

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