

Daily evidence digest

27 October 2021

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

Interferon- β , sensitivity of SARS-CoV-2 rapid antigen tests, the clinical care of children and adolescents with COVID-19

Peer reviewed journals featured:

- Systematic reviews on:
 - Interferon- β in moderate-to-severe COVID-19 cases [here](#)
 - Factors that influence sensitivity of SARS-CoV-2 rapid antigen testing [here](#)
- A meta-analysis on the use of steroids in COVID-19 patients [here](#)
- A randomised controlled trial of interferon- β -1a plus remdesivir in hospitalised COVID-19 adults [here](#)
- Observational studies on:
 - Neurological complications after first dose of COVID-19 vaccines and SARS-CoV-2 infection [here](#)
 - SARS-CoV-2 panbio rapid antigen test in symptomatic patients and their contacts [here](#)
 - Microfluidic antigen point-of-care testing in emergency room patients [here](#)
 - SARS-CoV-2 variants resistance to neutralisation by convalescent plasma [here](#)
- Commentary on cardiac involvement in the long-term implications of COVID-19 [here](#)

Letters and correspondence discussed:

- US university student gatherings and community COVID-19 infections [here](#)
- Financial incentives for COVID-19 vaccination in North Carolina [here](#)

Pre-peer review articles featured:

- The impact of vaccinating adolescents and children on COVID-19 disease outcomes [here](#)
- Prevention of COVID-19 in dialysis patients with Comirnaty (Pfizer) or Johnson & Johnson vaccines [here](#)

Guidance and reports

- The World Health Organization updated its weekly operational report on COVID-19 [here](#)
- The Cochrane Library released a systematic review on antibiotics for COVID-19 treatment [here](#)
- Cancer Australia published a consensus statement on COVID-19 and cancer care [here](#)
- The National COVID-19 Clinical Evidence Taskforce published consensus recommendations on the clinical care of children and adolescents with COVID-19 [here](#)

News and blogs

- Moscow re-enters lockdown as cases surge in Russia [here](#)
- Clues that natural killer cells help to control COVID-19 [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](#).