COVID-19 Critical Intelligence Unit

Daily evidence digest

13 August 2021

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

Convalescent plasma, budesonide for COVID-19 in people at high risk, Moderna vaccine for adolescents

Peer reviewed journals featured:

- · Systematic reviews on:
 - o Convalescent plasma for treatment of COVID-19 here
 - o Statins and mortality in COVID-19 patients here
 - o COVID-19 in people with chronic kidney disease here
 - o Depressive and anxiety symptoms in children and adolescents in COVID-19 here
- A narrative review on the management of COVID-19 vaccine-induced immune thrombotic thrombocytopenia with cerebral venous sinus thrombosis <u>here</u>
- Randomised controlled trials on:
 - Inhaled budesonide for COVID-19 in people at high risk of complications in the UK (PRINCIPLE) here and associated commentary here
 - o Macrolides in the management of mild COVID-19 patients here
 - Moderna vaccine in adolescents between 12 and 17 years of age here
- · Observational studies on:
 - Predictors of misperceptions, risk perceptions, and personal risk perceptions about
 COVID-19 by country, education and income here
 - o Predicting critical illness on initial diagnosis of COVID-19 here
 - Women with COVID-19 giving birth at US academic centres here
 - Clinical features of vaccine-induced immune thrombocytopenia and thrombosis here
 - o A case series on myocarditis following Pfizer vaccination in children here
- Modelling studies on:
 - COVID-19 vaccination and potential risk compensation here
 - o Mortality and provenance of COVID-19 convalescent plasma used for treatment here
 - Adjusting public health, travel, and social measures during COVID-19 vaccination rollout <u>here</u> and associated commentary <u>here</u>
 - Comparing COVID-19 responses of the UK, Sweden and Denmark using counterfactuals here
- An editorial on vaccinating healthcare workers against COVID-19 here
- Commentary on post-acute sequelae of COVID-19 here
- A case study on the delivery of COVID-19 monoclonal antibodies in healthcare systems here



Letters and correspondence discussed:

- A randomised trial of a third dose of Moderna vaccine in transplant recipients here
- Three doses of Moderna vaccine in solid-organ transplant recipients here
- SARS-CoV-2 infection among maternal-infant dyads in Ontario here
- Antibody response to COVID-19 vaccination in adults with hematologic malignant disease here
- Antibodies against SARS-CoV-2 in breast milk of women vaccinated with an mRNA vaccine here

Pre-peer review articles featured:

- Pfizer and Moderna vaccine effectiveness against the Delta variant <u>here</u>
- Estimate of the efficacy of Pfizer vaccine six months post vaccination here
- COVID-19 projections for US chools in fall 2021 here
- Comparison of two mRNA vaccines during periods of Alpha and Delta variant prevalence here

Guidance and reports

 The World Health Organization published a guide on communicating with health workers about COVID-19 vaccination here and an accompanying training module here

News and blogs

- Podcast on mandating COVID-19 vaccines for healthcare workers here
- Transitioning from COVID-19 elimination to sustainable endemicity in East Asia here
- Antigen testing every 3 days is highly sensitive for SARS-CoV-2 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 <u>COVID-19 transmission</u>, SARS-CoV-2 <u>vaccines</u>, and <u>variants</u> of concern, <u>post-acute sequelae of COVID-19 (PASC)</u>, and <u>surgery and COVID-19</u>.



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