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:
  - Convalescent plasma for treatment of COVID-19 [here]
  - Statins and mortality in COVID-19 patients [here]
  - COVID-19 in people with chronic kidney disease [here]
  - Depressive and anxiety symptoms in children and adolescents in COVID-19 [here]
- A narrative review on the management of COVID-19 vaccine-induced immune thrombocytopenia with cerebral venous sinus thrombosis [here]
- 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]
  - 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]
  - 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]
  - A case series on myocarditis following Pfizer vaccination in children [here]
- Modelling studies on:
  - COVID-19 vaccination and potential risk compensation [here]
  - Mortality and provenance of COVID-19 convalescent plasma used for treatment [here]
  - Adjusting public health, travel, and social measures during COVID-19 vaccination roll-out [here] and associated commentary [here]
  - 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 [here](#)
- Estimate of the efficacy of Pfizer vaccine six months post vaccination [here](#)
- COVID-19 projections for US schools 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](#)

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