

Daily evidence digest

15 April 2021

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

Interferon therapy, anticoagulation in COVID-19, autoimmune disease and post-acute COVID-19 syndrome

Peer reviewed journals featured:

- A systematic review on different sampling approaches for RT-PCR testing [here](#) and associated commentary on self-sampling [here](#)
- A narrative review on current concepts and controversies about anticoagulation in COVID-19 [here](#)
- A randomised controlled trial on interferon therapy in severe COVID-19 [here](#)
- A statistical modelling study on intercontinental transmission of SARS-CoV-2 [here](#)
- An editorial on COVID-19 vaccines, hesitancy, and mental health [here](#)
- Observational studies on:
 - Disease-modifying therapies and SARS-CoV-2 vaccination in multiple sclerosis [here](#)
 - Inflammatory immune responses and the clinical course of COVID-19 [here](#)
- Commentary on:
 - Problems with traffic light approaches to international public health emergencies [here](#)
 - COVID-19 associated cough and the post-acute COVID-19 syndrome [here](#)
 - An US academic medical centre's approach to protecting healthcare workers [here](#)
 - IL-6 as a key cytokine target for therapy in COVID-19 [here](#)
 - Using clinical probability formulas for COVID-19 diagnosis [here](#)
 - An oestrogen-associated autoimmune disease to post-acute COVID-19 syndrome [here](#)

Letters and correspondence discussed:

- An episode of oral mucositis after the first administration of the AstraZeneca COVID-19 vaccine [here](#)

Pre-peer review articles featured:

- Post-acute sequelae of COVID-19:
 - in adults, 12 months after mild to moderate infection [here](#)
 - in cases managed in the community or hospital in the UK [here](#)
- Trade-offs between speed of distribution and efficacy of multiple vaccines, as variants emerge [here](#)

Guidance and reports

- The World Health Organization published guidance on population health surveillance [here](#)
- The Therapeutic Goods Administration noted a second case of thrombosis with thrombocytopenia following AstraZeneca COVID-19 vaccine [here](#)

News and blogs

- Updates on Johnson & Johnson COVID-19 adenovirus vector vaccine [here](#) and [here](#)
- Colleges publish guidance after patients attend emergency departments with vaccine concerns [here](#)
- Chinese vaccines may need changes to improve efficacy [here](#)
- Data leak exposes early COVID-19 vaccine manufacturing hiccups [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.