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
  - Inflammatary 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 sequelaes 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.

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.