Saliva versus nasopharyngeal swabs, vaccine schedule and adverse events, post-acute COVID-19

Peer reviewed journals featured:

- Systematic review and meta-analysis of saliva and nasopharyngeal swab nucleic acid amplification testing for SARS-CoV-2 [here](#).
- Randomised trials on:
  - A neutralising monoclonal antibody for hospitalised COVID-19 patients [here](#).
  - Tocilizumab in patients hospitalised with COVID-19 pneumonia [here](#).
- An experimental study on the stability of SARS-CoV-2 on critical personal protective equipment [here](#).
- A simulation study on fluid dynamics of COVID-19 airborne infection [here](#).
- A comparison study of SARS-CoV-2 detection using self-collected saline gargle, oral swab and combined oral-anterior nasal swab versus provider collected nasopharyngeal swab [here](#).
- Cohort studies on:
  - Prevalence and risk factors for delirium in critically ill patients with COVID-19 [here](#) and associated commentary [here](#).
  - Risks of and risk factors for COVID-19 disease in people with diabetes in Scotland [here](#) and associated commentary [here](#).
  - The development and validation of the ISARIC 4C deterioration model for adults hospitalised with COVID-19 [here](#).
- Modelling studies on:
  - Bidirectional contact tracing to improve COVID-19 control [here](#).
  - SARS-CoV-2 transmission from people without COVID-19 symptoms [here](#).
- Observational studies on:
  - Correlation of population mortality of COVID-19 and testing coverage in 36 OECD countries [here](#).
  - The failure of epidemic model parameter estimation [here](#).
  - Duration and key determinants of infectious virus shedding in hospitalised COVID-19 patients [here](#).
  - Psychological characteristics associated with COVID-19 vaccine hesitancy and resistance in Ireland and the United Kingdom [here](#).
The daily evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

- Immunological memory to SARS-CoV-2 [here]
- Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health [here]
- Antibody status and incidence of SARS-CoV-2 infection in health care workers [here]
- Convalescent plasma antibody levels and the risk of death [here]

**Editorials on:**
- Vitamin D and COVID-19 [here]
- Asymptomatic transmission of COVID-19 [here]
- The National Institute for Health and Care Excellence (NICE) guideline on post-acute COVID (long COVID) [here]

**Commentary on:**
- COVID-19 testing [here]
- Herd immunity by infection [here]
- Wastewater surveillance in monitoring COVID-19 vaccine distribution [here]
- New variant SARS-CoV-2 in the UK [here]
- COVID-19 and the Swedish enigma [here]
- Long COVID guidelines and lived experience [here]
- Allocating scarce intensive care resources during the COVID-19 pandemic [here]
- The potential for COVID-19 breath diagnostics [here]
- Emergence of a highly fit SARS-CoV-2 variant [here]
- The COVID-19 response in Australia [here]
- Elimination as the optimal response strategy for COVID-19 and other emerging pandemic diseases [here]

**Guidance and reports**

- The Cochrane Library published updates to six special collections were updated [here] and rapid scoping reviews on:
  - Care bundles for improving outcomes in patients with COVID-19 or related conditions in intensive care [here]
  - Measures implemented in the school setting to contain the COVID-19 pandemic [here]
- The World Health Organization published guidance on:
  - Analysing and using routine data to monitor the effects of COVID-19 on essential health services [here]
  - Infection prevention and control principles and procedures for COVID-19 vaccination activities [here]
  - Interim recommendations for use of the Pfizer–BioNTech COVID-19 vaccine under emergency use listing [here]
  - Infection prevention and control guidance for long-term care facilities in the context of COVID-19 [here]
  - Rational use of personal protective equipment for COVID-19 and considerations during severe shortages [here]
  - A living guideline on therapeutics and COVID-19 [here]
  - COVID-19 weekly epidemiological update [here]
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