Daily evidence digest

31 March 2021

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

Reduced viral load post-Pfizer vaccine, SARS-CoV-2 infection and radiation therapy, US COVID-19 cases rise while vaccinations increase

Peer reviewed journals featured:

- Observational studies on:
    - Decreased SARS-CoV-2 viral load after first dose of BNT162b2 (Pfizer) vaccine here
    - 501Y.V2 (South Africa) variant and neutralisation by convalescent plasma here
    - Temporal trends in potential COVID-19 cases reported through NHS Pathways here
    - Implications of school-household network structure on SARS-CoV-2 transmission in England here
    - A haemagglutination test for rapid detection of antibodies to SARS-CoV-2 here
    - Hypermetabolic lymphadenopathy following BNT162b2 (Pfizer) vaccine here
- A simulation study on SARS-CoV-2 infection and mortality risk associated with radiation therapy here and associated commentary here
- A narrative analysis of how UK media depict remote GP consulting during COVID-19 here
- Research methods for studies evaluating SARS-CoV-2 tests here
- Commentary on the emerging plasticity of SARS-CoV-2 here

Letters and correspondence discussed:

- The uptake of treatment practice standards during a pandemic here
- Suggested solutions for COVID-19 vaccine hesitancy among some ethnic communities in the UK here

News and blogs

- Prioritise vaccination of over-16s living with immunosuppressed adults here
- US COVID-19 cases rise while vaccinations increase here
- Re-examining the model of outpatients and specialist referrals here

The final digest before the Easter break will be released on Thursday 1 April and the service will resume on Monday 12 April. Upon resumption of services, key publications released during the break will be collated and a summary distributed.