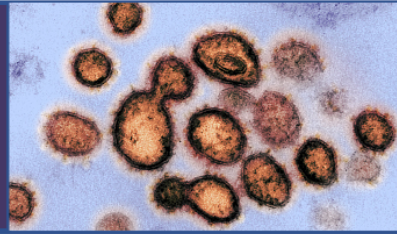


Covid-19 Literature Update



A CURATED SELECTION AND OVERVIEW OF COVID-19 PUBLICATIONS

Update July 19 - July 25, 2021,

Dr. Peter J. Lansberg MD, PhD

Weekly COVID-19 Literature Update

will keep you up-to-date with all recent PubMed publications
categorized by relevant topics

COVID-19 publications - Week 28 2021 1082 Publications

PubMed based Covid-19 weekly literature update

For those interested in receiving weekly updates
click [here](#)

For questions and requests for topics to add send an e-mail
lansberg@gmail.com

Reliable on-line resources for Covid 19

[WHO](#)

[Daily dashbord](#)

[Country Guidance](#)

[Travel restriction](#)

[Covid Counter](#)

[Covid forecasts](#)

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[AHA](#)

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[COVID reference \(Steinhauser Verlag\)](#)

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[AAN - Neurology resources](#)

[COVID-19 risk tools - Apps](#)

[COVID-19 resources \(Harvard\)](#)

[Web app for SARS-CoV2 mutations](#)

[COVID-19 resources \(McMasters\)](#)

[COVID-19 resources \(NHLBI\)](#)

[COVID-19 resources \(MEDSCAPE\)](#)

[COVID-19 Diabetes \(JDRF\)](#)

[COVID-19 TELEMEDICINE \(BMJ\)](#)

[Global Causes of death \(Johns Hopkins\)](#)

[COVID-19 calculators \(Medscape\)](#)

Guidelines

[NICE Guidelines Covid-19](#)

[Korean CDC Covid-19 guidelines](#)

[Flattening the curve - Korea](#)

[IDSA COVID-19 Guidelines](#)

[Airway Management Clinical Practice Guidelines \(SIAARTI/EAMS, 2020\)](#)

[ESICM Ventilation Guidelines](#)

[Performing Procedures on Patients With Known or Suspected COVID-19 \(ASA, 2020\)](#)

[OSHA Guidance on Preparing the Workplace for COVID-19 \(2020\)](#)

[Policy for Sterilizers, Disinfectant Devices, and Air Purifiers \(FDA, 2020\)](#)

[Breast Cancer Patient Triage Guidelines \(CPBCC, 2020\)](#)

[clinical guidance for adult Belgian patients with suspected or confirmed COVID-19](#)

[National Covid-19 Testing Action Plan \(Rockefeller Foundation\)](#)

[ASE issues Echo-cardiography guidance](#)

Trials & Registries

[CAPACITY European registry COVID 19 patients](#)

[WHO launches global megatrial](#)

[FDA launches Convalescent plasma trial](#)

[Lets Beat Covid-19 Survey to help plan hospital services](#)

[COVID IBD registry](#)

[Google mobility reports per country COVID 19](#)

[World's largest trial of potential coronavirus treatments rolled out across the UK](#)

[Pregnancy Registry \(US\)](#)

[ICNARC report on COVID-19 in critical care - NHS April 24](#)

[COVID-19 Human Genetics - Biobanks](#)

[COVID19 settings of transmission database](#)

[COVID-19 prevention network](#)

[Covid-Plex trial - \(plasma exchange & convalescent plasma trial\)](#)

Mainstream Media

New York Times - Corona update

Is the Delta Variant Making Younger Adults 'Sicker, Quicker'?

Biden Has Blunt Words for Republican Governors on Vaccines: 'Get Out of the Way'

Children with Covid-19 recover; a small percentage have long-term symptoms

Who Can Make You Get a Covid Vaccine?

Florida may face its worst wave ever as the Delta variant spreads.

Germany Will Offer Vaccine Booster Shots Starting in September

New Rule Raises Question: Who'll Pay for All the Covid Tests?

Vaccinated People May Spread the Virus, Though Rarely, C.D.C. Reports

Washington Post - Corona update

Why Biden's push to share vaccines with the world could be 'too little, too late'

Kids are feeling anxiety as the world opens up again

How do I find a coronavirus test in a foreign country?

More virus-zapping robots are coming, and they're here to stay.

How has the pandemic changed dating? Here are 7 tips for getting back out there.

Guardian - Corona update

The key to persuading people to get vaccinated

China authorities to test all Wuhan's 11 million residents amid new Covid cases

Hopes UK trial will allay pregnant women's Covid vaccine concerns

Covid restrictions and screens linked to myopia in children, study shows

Text reminders could boost vaccine uptake by 26%, study finds

Key Articles

1. COVID-19 vaccine-associated cerebral venous thrombosis in Germany.

Ann. Neurol. 2021; Schulz JB, Berlit P, Diener HC *et al.*

<http://www.ncbi.nlm.nih.gov/pubmed/?term=34288044>

Vaccination efforts are starting to pay off with a sharp decrease in new infections and seriously ill COVID-19 patients. Some concerns on the safety of the AstraZeneca-Oxford SARS-CoV-2 vaccine (ChAdOx1) have surfaced in several countries. This German study evaluated the risk of cerebral sinus-venous thrombosis and cerebral venous thrombosis events based on reports from 40 university- and 251 non-university hospitals. The risk of CVT within the first 31 days of 0.55 per 100,000 individuals) for all vaccines and 1.52 (1.00-2.21) for ChAdOx1 (after 2,320,535 ChAdOx1 first doses). The adjusted incidence rate ratio was 9.68 (3.46-34.98) for ChAdOx1 compared to mRNA-based vaccines and 3.14 (1.22-10.65) for women compared to men.

2. Is loss of smell an early predictor of COVID-19 severity: a systematic review and meta-analysis.

Arch. Pharm. Res. 2021; 44:725-740 Purja S, Shin H, Lee JY, Kim E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=34302637>

Early prediction of complications in infected COVID-19 patients is essential for early intervention. In this review, anosmia was shown to be associated with a better prognosis. The risk for developing anosmia in severely ill patients; OR: 0.527 (0.373–0.744; $p < 0.001$), compared to no-severely ill patients, and an OR: 0.283 (0.173–0.462; $p < 0.001$) compared to non-hospitalized COVID-19 patients. The authors suggested several mechanisms to explain these observations.

3. **Development of a Codebook of Online Anti-Vaccination Rhetoric to Manage COVID-19 Vaccine Misinformation.** Int J Environ Res Public Health 2021; 18Hughes B, Miller-Idriss C, Piltch-Loeb R *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=34300005>
Dealing with anti-vaccination misinformation is challenging, time-consuming, and not always successful. In this review, the authors present a rhetorical approach to address anti-vaccination memes or themes. The simple suggestions can be easily employed, both in individual patient-doctor discussions and for developing effective public health messaging campaigns
4. **Myocarditis and Other Cardiovascular Complications of the mRNA-Based COVID-19 Vaccines.** Cureus 2021; 13:e15576Vidula MK, Ambrose M, Glassberg H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=34277198>
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<http://www.ncbi.nlm.nih.gov/pubmed/?term=34301834>
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10. **A selective sweep in the Spike gene has driven SARS-CoV-2 human adaptation.** Cell 2021; Kang L, He G, Sharp AK *et al.*

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Basic Science (36 articles)

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