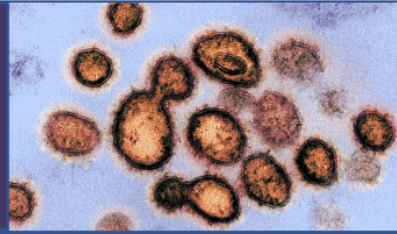


Covid-19 Literature Update



A CURATED SELECTION AND OVERVIEW OF COVID-19 PUBLICATIONS

Update July 26 - August 1, 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 30 2021 1148 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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[COVID reference \(Steinhauser Verlag\)](#)

[COVID-19 Projections tracker](#)

[Retracted papers](#)

[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

Vaccine reduces risk of infection even in people who have already had Covid
Abbott Criticized for Ban on Covid Mandates as Cases Soar in Texas
J. & J. vaccine works against Delta and recipients don't need a booster shot
F.D.A. Aiming to Speed Extra Vaccine Doses for Immunocompromised Patients
Hundreds of Thousands of Bikers Expected in Sturgis Despite Delta Variant
China says it will provide 2 billion vaccine doses to the world.
Heart problems following vaccination in the U.S. are uncommon and short-lived

Washington Post - Corona update

Delta vanquishes all variant rivals as scientists race to understand its tricks
Vaccine passes in Europe spur the pandemic's second wave of protests
Covid-19 could lead to cognitive decline.
You got a coronavirus vaccine. But you still became infected.
What we know about the delta-plus variant

Guardian - Corona update

Covid vaccine hesitancy halves among young people in Great Britain
America is flying blind when it comes to the Delta variant
UK set to 'hoard' up to 210m doses of Covid vaccine, research suggests
Fears as more children falling ill in latest US Covid surge
Sussex University offers £5,000 prize for vaccinated students

Key Articles

- 1. Creation and Worldwide Utilisation of New COVID-19 Online Information Hub for Genetics Health Professionals, Patients and Families.** Front Genet 2021; 12:621683 Tobias AP, Berg J, Cetnarskyj R *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=34305996>
The ongoing COVID-19 pandemic challenges healthcare resources and requires conjoined scientific efforts to improve understanding of preventing complications in managing infected patients. The ScotGEN, in collaboration with the European Society of Human Genetics, have created an online information hub for genetic health professionals, patients, and families (www.scotgen.org.uk)
- 2. Patients with suspected allergic reactions to COVID-19 vaccines can be safely revaccinated after diagnostic work-up.** Clin Transl Allergy 2021; 11:e12044 Rasmussen TH, Mortz CG, Georgsen TK *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=34331522>
The COVID19 vaccine roll-out is an unprecedented global effort to curb infections and severe complications in susceptible individuals. Never have so

many individuals' been vaccinated in such a short period. The vaccine's safety is carefully monitored, and reports have surfaced suggesting 10 x higher incidences of anaphylaxis. This Danish re-evaluated submitted case reports and concluded that three patients, out of 199 377 doses administered, had a confirmed anaphylactic reaction. Two were based on drug excipient allergy, and one patient was diagnosed with macrocytosis. The incidence of anaphylactic reactions is no different when compared to other virus-based vaccines.

3. Factors Behind the Higher COVID-19 Risk in Diabetes: A Critical Review.

Front Public Health 2021; 9:591982 Magdy Beshbishy A, Oti VB, Hussein DE *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=34307267>

Diabetic patients are at higher risk of developing severe complications after infection with the SARS-CoV-2 virus. This is partly related to existing co-morbidities and risk factors such as hypertension, dyslipidemia, and CVD. However, in non-diabetic patients, transient surges of hyperglycemia have been noted and are associated with a worse prognosis. Insulin resistance and/or pancreatic beta-cell injury are partly to blame. Careful glucose monitoring in DM or pre-diabetic patients is recommended to reduce their risk of life-threatening injuries.

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<http://www.ncbi.nlm.nih.gov/pubmed/?term=34327256>

6. COVID-19 in children: where do we stand? Arch Med Res 2021;

Nikolopoulou GB, Maltezou HC. <http://www.ncbi.nlm.nih.gov/pubmed/?term=34311990>

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2021; Mousseaux E, Fayol A, Danchin N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=34312110>

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18:157Liu Y, Pan Y, Yin Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=34315474>

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10. **Influence of angiotensin converting enzyme inhibitors/angiotensin receptor blockers on the risk of all-cause mortality and other clinical outcomes in patients with confirmed COVID-19: A systemic review and meta-analysis.** J. Clin. Hypertens. (Greenwich) 2021; Jia N, Zhang G, Sun X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=34320275>
11. **Vitamin D, infections and immunity.** Rev. Endocr. Metab. Disord. 2021;1-13Ismailova A, White JH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=34322844>
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Basic Science (39 articles)

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