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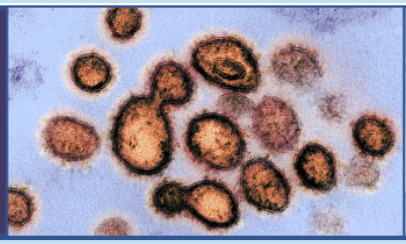
Covid-19
Literature Update



A CURATED SELECTION AND OVERVIEW OF COVID-19 PUBLICATIONS

Update November 2 - November 8, 2020, **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 46 2020
874 Publications

PubMed based Covid-19 weekly literature update

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Reliable on-line resources for Covid 19

WHO
Daily dashbord
Country Guidance
Travel restriction
Covid Counter
Covid forcasts
CDC
AHA
ESC
EMEA
Evidence EPPI
Wikipedia
Cardionerds - **COVID-19**
Genomic epidemiology
Oxygenation Ventilation toolkit

Cochrane
BMJ
The Lancet
New England Journal of Medicine
JAMA
Cell
Science
Oxford Universtiy Press
Cambridge Univeristy Press
Springer Nature
Elsevier
Wiley
PLOS
LitCovid NIH-NLM
SSRN (Pre-prints)

German (ICU) bed capacity

COVID-19 Projections tracker

AAN - Neurology resources

COVID-19 resources (Harvard)

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 (Medscap)

COVID reference (Steinhauser Verlag)

Retracted papers

COVID-19 risk tools - Apps

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

Mainstream Media

New York Times - Corona update

The Coronavirus Is Airborne Indoors. But We're Still Scrubbing Surfaces.
Confused About Masks? Here's What Scientists Know
States That Imposed Few Restrictions Now Have the Worst Outbreaks
New Pfizer Results: Coronavirus Vaccine Is Safe and 95% Effective
F.D.A. authorizes the first at-home coronavirus test.
Americans Are More Willing to Take a Coronavirus Vaccine, Poll Suggests
Immunity to the Coronavirus May Last Years, New Data Hint
Inside the Chaotic, Cutthroat Gray Market for N95 Masks
Coronavirus Vaccine Tracker
Coronavirus Drug and Treatment Tracker

Washington Post - Corona update

U.S. death toll nears 250,000 in wake of deadliest day since early May
Even with a vaccine, this virus will take time to conquer
An Ohio wedding left dozens with the coronavirus, including the bride and groom
China's Sinovac reports mixed findings in early coronavirus vaccine trials
Has Sweden's coronavirus strategy failed?
Experts fear lessons from the 2009 H1N1 vaccine drive are being ignored
Coronavirus testing before flying could become the norm
South Dakota nurse says many patients deny the coronavirus right up until death

Guardian - Corona update

Coronavirus live news: Japan sees record daily infections; India close to 9m cases
Brutal Covid second wave exposes Italy's shortage of intensive care staff
Mayo Clinic: 900 employees at top US hospital catch Covid-19 in two weeks
Covid-19 mink variants discovered in humans in seven countries
Covid-19 antibodies reduce faster in men than women – study

Key Articles

1. **Update on Recommendations for SARS-CoV-2/COVID-19 during Pregnancy, Birth and Childbed.** Z. Geburtshilfe Neonatol. 2020; 224:217-222Zöllkau J, Hagenbeck C, Hecher K *et al.*
   The COVID-19 pandemic is responsible for unprecedented challenges across the spectrum of medical specialties. The German obstetric, peri-/neonatological, and pediatric professional societies published recommendations in March 2020. This update incorporates worldwide national recommendations (based on publications up to 30-05-20). A carefully formulated consensus that will be adapted when new findings become available.

2. **Lack of association of antihypertensive drugs with the risk and severity of COVID-19: A meta-analysis.** J. Cardiol. 2020; Ren L, Yu S, Xu W *et al.*

http://www.ncbi.nlm.nih.gov/pubmed/?term=33168337
This updated meta-analysis re-evaluated current data on anti-hypertensive medication use o the risk and severity of COVID-19. Publications before July 13 were included. The analysis contained 53 studies (39 cohort studies and 14 case-control studies). A total of 2,100,587 participants were included. No harm from using anti-hypertensive medication was observed; in patients that used blood pressure-lowering medication (including ACEi/ARB's), severity and mortality were significantly reduced.

3. **Comparison of the clinical characteristics and outcomes of hospitalized adult COVID-19 and influenza patients - a prospective observational study.** Infect Dis (Lond) 2020:1-11Auvinen R, Nohynek H, Syrjänen R *et al.* http://www.ncbi.nlm.nih.gov/pubmed/?term=33170050
During the winter months, influenza infection rates increase rapidly, and distinguishing patients with flu from those infected with the SARS-CoV2 virus is of great importance. This Finnish cohort of hospitalized patients with respiratory infections was tested for influenza virus and SARS-CoV2 virus using RT-PCR. Imaging showed that COVID-19 patients were more likely to have ground-glass opacities and consolidation (68% vs. 21%; P=0.01). A more severe disease, ICU admission, and prolonged hospital stay were observed in COVID-19 patients to a greater extent than those diagnosed with an influenza viral infection.

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5. **Convalescent Plasma against COVID-19: A Broad-Spectrum Therapeutic Approach for Emerging Infectious Diseases.** Microorganisms 2020; 8Thijssen M, Devos T, Ejtahed HS *et al.* http://www.ncbi.nlm.nih.gov/pubmed/?term=33167389

6. **Digging the Rabbit Hole, COVID-19 Edition: Anti-Vaccine Themes and the Discourse Around COVID-19.** Microbes Infect 2020; Smith TC, Reiss DR. http://www.ncbi.nlm.nih.gov/pubmed/?term=33171267

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http://www.ncbi.nlm.nih.gov/pubmed/?term=33176530

10. **A review and content analysis of national apps for COVID-19 management using Mobile Application Rating Scale (MARS).** Inform Health Soc Care 2020:1-14Salehinejad S, Niakan Kalhori SR, Hajesmaeel Gohari S *et al.* http://www.ncbi.nlm.nih.gov/pubmed/?term=33164594

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13. **Update in COVID-19 in the intensive care unit from the 2020 HELLENIC Athens International symposium.** Anaesth Crit Care Pain Med 2020; Rello J, Belliato M, Dimopoulos MA *et al.* http://www.ncbi.nlm.nih.gov/pubmed/?term=33172592

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Basic Science (56 articles)

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