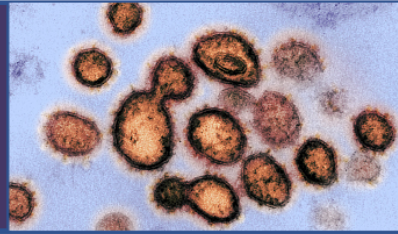


Covid-19 Literature Update



A CURATED SELECTION AND OVERVIEW OF COVID-19 PUBLICATIONS

Update August 31 - September 6, 2020,
PhD

Dr. Peter J. Lansberg MD,

Weekly COVID-19 Literature Update

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

COVID-19 publications - Week 36 2020 995 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](#)

[CDC](#)

[AHA](#)

[ESC](#)

[EMA](#)

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

[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 \(Medscape\)](#)

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](#)

Mainstream Media

New York Times - Corona update

What if There Isn't a Vaccine for Years?

The Pandemic Is a 'Mental Health Crisis' for Parents

Covid-19 Live Updates: Vaccine Trial Is Halted After Patient's Adverse Reaction

Coronavirus Tests Are Supposed to Be Free. The Surprise Bills Come Anyway.

Scientists Worry About Political Influence Over Coronavirus Vaccine Project

Britain is expected to ban gatherings of more than six people.

9 Drug Companies Pledge to 'Stand With Science' on Coronavirus Vaccines

Coronavirus Drug and Treatment Tracker

Coronavirus Vaccine Tracker

Washington Post - Corona update

My covid symptoms were so severe I had to work from home. My school fired me.

India's hitting a record number of new covid-19 cases. That's not its only problem.

The lessons two ancient philosophers have for us during the pandemic

Italy's Bergamo is calling back coronavirus survivors. About half say they haven't fully recovered.

How to solve irritating problems with your mask during the pandemic

Ultra-Orthodox Jews clash with secular Israeli officials over coronavirus measures

For pediatricians, covid-19 presents a thorny problem

Guardian - Corona update

Anger in China as doctor who died of Covid-19 omitted from citizen awards

Oxford Covid-19 vaccine trial participant undeterred by pause

Coronavirus cases rise steeply among young people in England

England Covid restrictions: what is allowed from Monday

Charmaine Griffiths: Covid could set us back years on medical discoveries

Key Articles

1. **COVID-19 is, in the end, an endothelial disease.** Eur Heart J 2020; 41:3038-3044 Libby P, Luscher T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882706>
The enigmatic clinical expression of COVID-19 complications remains puzzling. Since December 2019, unprecedented global scientific efforts have been working at warp speed to provide clinicians caring for hospitalized COVID-19 patients with a better understanding of the pathophysiological features and potential therapeutic solutions. In this narrative review, the authors provide an in-depth insight into the endothelial related manifestation of this disease. Their insights provide not only a logical explanation of why a patient can present with a myriad diversity of symptoms and complications but also offers an insightful framework for potential therapies.
2. **The Heart in COVID-19: Primary Target or Secondary Bystander?** JACC Basic Transl Sci 2020; 5:537-542 Libby P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32292847>

The cardiac damaging effects of the SARS-CoV2 virus has been documented in large numbers of patients. The dilemma cardiologists are confronted with is how to optimally care for patients with cardiac symptoms and complications. Clinical features range from fulminant myocarditis to myocardial injury caused by tachycardia, fever, and reduced oxygen delivery related to hypotension and hypoxemia; in this narrative review, prof. Libby provides essential and helpful leads to clinicians managing patients with this enigmatic and complex disease. The absence of rigorous evidence to choose therapies combined with urgency to act can be challenging. Having expert guidance based on current insights and understanding of cardiac COVID-19 manifestations will be helpful for clinicians caring for these patients.

3. Association Between Administration of Systemic Corticosteroids and Mortality Among Critically Ill Patients With COVID-19: A Meta-analysis.

JAMA 2020; Sterne JAC, Murthy S, Diaz JV *et al.*

<http://www.ncbi.nlm.nih.gov/pubmed/?term=32876694>

Diaz JV *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876694>

There is an urgent need for evidence-based guidance on how to treat patients with life-threatening COVID-19 infections. This meta-analysis provides helpful evidence on the effects of systemic corticosteroids in critically ill patients.

Pooled data from 7 randomized clinical trials (N1 703) showed improved survival in those that received corticosteroids. The calculated OR for mortality was 0.64 (0.50-0.82; P < .001) for patients treated with dexamethasone (3 trials, 1282 patients, and 527 deaths); 0.69 (0.43-1.12; P = .13) for hydrocortisone (3 trials, 374 patients, and 94 deaths), and 0.91 (95%CI, 0.29-2.87; P = .87) for methylprednisolone (1 trial, 47 patients, and 26 deaths). The authors concluded that in critically ill COVID-19 patients, the use of systemic corticosteroids reduces 28-day all-cause mortality

4. Role for Anti-Cytokine Therapies in Severe Coronavirus Disease 2019.

Crit Care Explor 2020; 2:e0178 Buckley LF, Wohlford GF, Ting C *et al.*

<http://www.ncbi.nlm.nih.gov/pubmed/?term=32832913>

5. Update on Recommendations for SARS-CoV-2/COVID-19 During Pregnancy, Birth and Childbed. Z. Geburtshilfe Neonatol. 2020; 224:217-222 Öllkau J, Hagenbeck C, Hecher K *et al.*

6. Epidemiologic, clinical, and laboratory findings of the COVID-19 in the current pandemic: systematic review and meta-analysis. BMC Infect. Dis.

2020; 20:640 Xie Y, Wang Z, Liao H *et al.*

<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867706>

7. Brave New World: Virtual conferencing and surgical education in the Coronavirus Disease 2019 era. J. Thorac. Cardiovasc. Surg. 2020;

Vervoort D, Dearani JA, Starnes VA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891447>

term=32891447

8. **Markers of coagulation dysfunction and inflammation in diabetic and non-diabetic COVID-19.** J. Thromb. Thrombolysis 2020; Varikasuvu SR, Varshney S, Dutt N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889620>
9. **Natural Killer Cell Dysfunction and Its Role in COVID-19.** Int J Mol Sci 2020; 21van Eeden C, Khan L, Osman MS, Cohen Tervaert JW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883007>
10. **Anticoagulant interventions in hospitalized patients with COVID-19: A scoping review of randomized controlled trials and call for international collaboration.** J Thromb Haemost 2020; Tritschler T, Mathieu ME, Skeith L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888372>
11. **Crucial laboratory parameters in COVID-19 diagnosis and prognosis: An updated meta-analysis.** Med Clin (Engl Ed) 2020; 155:143-151 Soraya GV, Ulhaq ZS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864456>
12. **Statistical design of Phase II/III clinical trials for testing therapeutic interventions in COVID-19 patients.** BMC Med. Res. Methodol. 2020; 20:220 Rai SN, Qian C, Pan J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867708>
13. **Possible routes of SARS-CoV-2 invasion in brain: In context of neurological symptoms in COVID-19 patients.** J. Neurosci. Res. 2020; Kumar A, Pareek V, Prasoon P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869376>
14. **Forty Postmortem Examinations in COVID-19 Patients.** Am J Clin Pathol 2020; De Michele S, Sun Y, Yilmaz MM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876680>
15. **Assessment of the Modified CHA2DS2VASc Risk Score in Predicting Mortality in Patients Hospitalized with COVID-19.** Am. J. Cardiol. 2020; Cetinkal G, Kocas BB, Ser OS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861734>

Basic Science (40 articles)

1. Zhang Z, Zeb A, Hussain S, Alzahrani E. **Dynamics of COVID-19 mathematical model with stochastic perturbation.** Adv Differ Equ 2020; 2020:451. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874186>
2. Ruiz-Hitzky E, Darder M, Wicklein B *et al.* **Nanotechnology Responses to COVID-19.** Adv Healthc Mater 2020:e2000979. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885616>
3. Wang M, Zhang L, Huo X *et al.* **Catalytic Asymmetric Synthesis of the Anti-COVID-19 Drug Remdesivir.** Angew. Chem. Int. Ed. Engl. 2020.

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870563>
4. Kapoor S, Subba P. **Predicted peptide patterns from the SARS-CoV-2 proteome for MS-MS based diagnosis.** Bioinformatics 2020; 16:477-482.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32884213>
 5. Anderson G, Carbone A, Mazzocchi G. **Aryl Hydrocarbon Receptor Role in Co-Ordinating SARS-CoV-2 Entry and Symptomatology: Linking Cytotoxicity Changes in COVID-19 and Cancers; Modulation by Racial Discrimination Stress.** Biology (Basel) 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867244>
 6. Shaath H, Alajez NM. **Computational and Transcriptome Analyses Revealed Preferential Induction of Chemotaxis and Lipid Synthesis by SARS-CoV-2.** Biology (Basel) 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882823>
 7. Khan MZH, Hasan MR, Hossain SI *et al.* **Ultrasensitive detection of pathogenic viruses with electrochemical biosensor: State of the art.** Biosens. Bioelectron. 2020; 166:112431. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862842>
 8. Cava C, Bertoli G, Castiglioni I. **A protein interaction map identifies existing drugs targeting SARS-CoV-2.** BMC Pharmacol Toxicol 2020; 21:65.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32883368>
 9. Marian AJ. **Current State of Vaccine Development and Targeted Therapies for COVID-19: Impact of Basic Science Discoveries.** Cardiovasc. Pathol. 2020:107278. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889088>
 10. Jairajpuri MA, Ansari S. **Using serpins cysteine protease cross-specificity to possibly trap SARS-CoV-2 Mpro with reactive center loop chimera.** Clin Sci (Lond) 2020; 134:2235-2241. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869854>
 11. Bala A, Sengupta A, Matsabisa MG, Chabalala HP. **COVID-19: Pathophysiology; Mechanism of Transmission and Possible Molecular Drug Target for Management.** Curr. Mol. Pharmacol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867666>
 12. Roche B, Garchitorea A, Guégan JF *et al.* **Was the COVID-19 pandemic avoidable? A call for a "solution-oriented" approach in pathogen evolutionary ecology to prevent future outbreaks.** Ecol. Lett. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32869489>
 13. Ahmed W, Bertsch PM, Bibby K *et al.* **Decay of SARS-CoV-2 and surrogate murine hepatitis virus RNA in untreated wastewater to inform application in wastewater-based epidemiology.** Environ. Res. 2020:110092.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861728>
 14. Gurung AB. **In silico structure modelling of SARS-CoV-2 Nsp13 helicase and Nsp14 and repurposing of FDA approved antiviral drugs as dual inhibitors.** Gene Rep 2020; 21:100860. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875166>
 15. Latini A, Agolini E, Novelli A *et al.* **COVID-19 and Genetic Variants of Protein Involved in the SARS-CoV-2 Entry into the Host Cells.** Genes (Basel) 2020; 11. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867305>
 16. Marchan J. **Conserved HLA binding peptides from five non-structural proteins of SARS-CoV-2-An in silico glance.** Hum. Immunol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32888767>
 17. Lehrer S, Rheinstein PH. **Ivermectin Docks to the SARS-CoV-2 Spike Receptor-binding Domain Attached to ACE2.** In Vivo 2020; 34:3023-3026.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32871846>

18. Akhand MRN, Azim KF, Hoque SF *et al.* **Genome based evolutionary lineage of SARS-CoV-2 towards the development of novel chimeric vaccine.** Infect Genet Evol 2020:104517. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882432>
19. Pereira F. **Evolutionary dynamics of the SARS-CoV-2 ORF8 accessory gene.** Infect Genet Evol 2020:104525. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890763>
20. Elkarhat Z, Charoute H, Elkhatabi L *et al.* **Potential inhibitors of SARS-cov-2 RNA dependent RNA polymerase protein: molecular docking, molecular dynamics simulations and MM-PBSA analyses.** J Biomol Struct Dyn 2020:1-14. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873176>
21. J A, Francis D, C SS *et al.* **Repurposing simeprevir, calpain inhibitor IV and a cathepsin F inhibitor against SARS-CoV-2 and insights into their interactions with M(pro).** J Biomol Struct Dyn 2020:1-12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873185>
22. Lei L, Qian H, Yang X *et al.* **The phenotypic changes of $\gamma\delta$ T cells in COVID-19 patients.** J Cell Mol Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864865>
23. Menon S, Mathew MR, Sam S *et al.* **Recent advances and challenges in electrochemical biosensors for emerging and re-emerging infectious diseases.** J Electroanal Chem (Lausanne) 2020:114596. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863810>
24. Zhang S, Liu Y, Wang X *et al.* **SARS-CoV-2 binds platelet ACE2 to enhance thrombosis in COVID-19.** J. Hematol. Oncol. 2020; 13:120. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887634>
25. Cardoso WB, Mendanha SA. **Molecular dynamics simulation of docking structures of SARS-CoV-2 main protease and HIV protease inhibitors.** J. Mol. Struct. 2021; 1225:129143. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863430>
26. Santerre M, Arjona SP, Allen CN *et al.* **Why do SARS-CoV-2 NSPs rush to the ER?** J. Neurol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870373>
27. Alamri MA, Tahir UI Qamar M, Mirza MU *et al.* **Discovery of human coronaviruses pan-papain-like protease inhibitors using computational approaches.** J Pharm Anal 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874702>
28. Jermain B, Hanafin PO, Cao Y *et al.* **Development of a minimal physiologically-based pharmacokinetic model to simulate lung exposure in humans following oral administration of ivermectin for COVID-19 drug repurposing.** J. Pharm. Sci. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891630>
29. Ferraro F, Patella F, Costa JR *et al.* **Modulation of endothelial organelle size as an antithrombotic strategy.** J Thromb Haemost 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881285>
30. Benedetti F, Snyder GA, Giovanetti M *et al.* **Emerging of a SARS-CoV-2 viral strain with a deletion in nsp1.** J Transl Med 2020; 18:329. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867854>
31. Wang X, Guan Y. **COVID-19 drug repurposing: A review of computational screening methods, clinical trials, and protein interaction assays.** Med. Res. Rev. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864815>
32. De Maio F, Lo Cascio E, Babini G *et al.* **Improved binding of SARS-CoV-2 Envelope protein to tight junction-associated PALS1 could play a key role in COVID-19 pathogenesis.** Microbes Infect 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891874>

33. Klann K, Bojkova D, Tascher G *et al.* **Growth Factor Receptor Signaling Inhibition Prevents SARS-CoV-2 Replication.** Mol. Cell 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877642>
34. Rakib A, Paul A, Chy MNU *et al.* **Biochemical and Computational Approach of Selected Phytocompounds from *Tinospora crispa* in the Management of COVID-19.** Molecules 2020; 25. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872217>
35. Eskier D, Suner A, Karakulah G, Oktay Y. **Mutation density changes in SARS-CoV-2 are related to the pandemic stage but to a lesser extent in the dominant strain with mutations in spike and RdRp.** PeerJ 2020; 8:e9703. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879797>
36. Steinman JB, Lum FM, Ho PP *et al.* **Reduced development of COVID-19 in children reveals molecular checkpoints gating pathogenesis illuminating potential therapeutics.** Proc Natl Acad Sci U S A 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883878>
37. Gkogkou E, Barnasas G, Vougas K, Trougakos IP. **Expression profiling meta-analysis of ACE2 and TMPRSS2, the putative anti-inflammatory receptor and priming protease of SARS-CoV-2 in human cells, and identification of putative modulators.** Redox Biol 2020; 36:101615. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863223>
38. Majid S, Farooq R, Khan MS *et al.* **Managing the COVID-19 Pandemic: Research Strategies Based on the Evolutionary and Molecular Characteristics of Coronaviruses.** SN Compr Clin Med 2020:1-10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864575>
39. Shahinshavali S, Hossain KA, Kumar A *et al.* **Ultrasound assisted synthesis of 3-alkynyl substituted 2-chloroquinoxaline derivatives: their in silico assessment as potential ligands for N-protein of SARS-CoV-2.** Tetrahedron Lett. 2020:152336. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868957>
40. Dobrovolsky HM. **Quantifying the effect of remdesivir in rhesus macaques infected with SARS-CoV-2.** Virology 2020; 550:61-69. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882638>

Biomarkers - Genetics (92 articles)

1. Klement RJ, Bandyopadhyay PS. **The Epistemology of a Positive SARS-CoV-2 Test.** Acta Biotheor. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888175>
2. Aladağ N, Atabey RD. **The role of concomitant cardiovascular diseases and cardiac biomarkers for predicting mortality in critical COVID-19 patients.** Acta Cardiol. 2020:1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883169>
3. Çayan S, Uğuz M, Saylam B, Akbay E. **Effect of serum total testosterone and its relationship with other laboratory parameters on the prognosis of coronavirus disease 2019 (COVID-19) in SARS-CoV-2 infected male patients: a cohort study.** Aging Male 2020:1-11. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883151>
4. Shah P, Doshi R, Chenna A *et al.* **Prognostic Value of Elevated Cardiac Troponin I in Hospitalized Covid-19 Patients.** Am. J. Cardiol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861733>
5. Jakovac H. **COVID-19 and hypertension - is the HSP60 culprit for the severe course and worse outcome?** Am. J. Physiol. Heart Circ. Physiol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886002>

6. Myti D, Gunjak M, Casado F *et al.* **Elevated FiO₂ increases SARS-CoV-2 co-receptor expression in respiratory tract epithelium.** Am J Physiol Lung Cell Mol Physiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878480>
7. Hue S, Beldi-Ferchiou A, Bendib I *et al.* **Uncontrolled Innate and Impaired Adaptive Immune Responses in Patients with COVID-19 ARDS.** Am J Respir Crit Care Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866033>
8. Cubo AM, Villalba-Yarza A, Lapresa Alcalde MV *et al.* **COVID-19 qPCR testing in women admitted for delivery in Spain: Is universal testing worthy?: A commentary.** Arch. Gynecol. Obstet. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892262>
9. Vlahakos VD, Marathias KP, Arkadopoulos N, Vlahakos DV. **Hyperferritinemia in patients with COVID-19: An opportunity for iron chelation?** Artif. Organs 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882061>
10. Danwang C, Endomba FT, Nkeck JR *et al.* **A meta-analysis of potential biomarkers associated with severity of coronavirus disease 2019 (COVID-19).** Biomark Res 2020; 8:37. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879731>
11. Khan MZH, Hasan MR, Hossain SI *et al.* **Ultrasensitive detection of pathogenic viruses with electrochemical biosensor: State of the art.** Biosens. Bioelectron. 2020; 166:112431. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862842>
12. Van De L'Isle Y, Steer PJ, Watt Coote I, Cauldwell M. **Impact of changes to national UK Guidance on testing for gestational diabetes screening during a pandemic: a single centre observational study.** BJog 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888369>
13. Sharifipour E, Shams S, Esmkhani M *et al.* **Evaluation of bacterial co-infections of the respiratory tract in COVID-19 patients admitted to ICU.** BMC Infect. Dis. 2020; 20:646. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873235>
14. Xie Y, Wang Z, Liao H *et al.* **Epidemiologic, clinical, and laboratory findings of the COVID-19 in the current pandemic: systematic review and meta-analysis.** BMC Infect. Dis. 2020; 20:640. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867706>
15. Zhou H, Zhu L, Leng Y *et al.* **Clinical and imaging findings of discharged patients with SARS-CoV-2 positive anal swab samples: a descriptive study.** BMC Infect. Dis. 2020; 20:644. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873230>
16. Vaz SN, Santana DS, Netto EM *et al.* **Saliva is a reliable, non-invasive specimen for SARS-CoV-2 detection.** Braz. J. Infect. Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888905>
17. Heissig B, Salama Y, Takahashi S *et al.* **The multifaceted role of plasminogen in inflammation.** Cell. Signal. 2020:109761. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861744>
18. Baron RC, Risch L, Weber M *et al.* **Frequency of serological non-responders and false-negative RT-PCR results in SARS-CoV-2 testing: a population-based study.** Clin Chem Lab Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866113>
19. Villalba MCM, Ramirez OV, Jiménez MM *et al.* **Interferon gamma, TGF- β 1 and RANTES expression in upper airway samples from SARS-CoV-2 infected patients.** Clin Immunol 2020:108576. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866645>

20. Ali F, Sweeney DA. **No One Likes a Stick up Their Nose: Making the Case for Saliva-Based Testing for COVID-19.** *Clin Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875330>
21. Prebensen C, Hre PLM, Jonassen C *et al.* **SARS-CoV-2 RNA in plasma is associated with ICU admission and mortality in patients hospitalized with COVID-19.** *Clin Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888003>
22. Shlomai A, Ben-Zvi H, Glusman Bendersky A *et al.* **Nasopharyngeal viral load predicts hypoxemia and disease outcome in admitted COVID-19 patients.** *Crit Care* 2020; 24:539. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873316>
23. Vudayagiri L, Gusz J. **COVID-19 Positive in Nasopharyngeal Swab but Negative in Peritoneal Fluid: Case Report of Perforated Appendicitis.** *Cureus* 2020; 12:e9412. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864241>
24. de Barcelos Ubaldo Martins L, Jabour L, Vieira CC *et al.* **Renin-angiotensin system (RAS) and immune system profile in specific subgroups with COVID-19.** *Curr Med Chem* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881654>
25. Giorli A, Ferretti F, Biagini C *et al.* **A Literature Systematic Review with Meta-Analysis of Symptoms Prevalence in Covid-19: the Relevance of Olfactory Symptoms in Infection Not Requiring Hospitalization.** *Curr. Treat. Options Neurol.* 2020; 22:36. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874091>
26. Sardar R, Satish D, Birla S, Gupta D. **Dataset of mutational analysis, miRNAs targeting SARS-CoV-2 genes and host gene expression in SARS-CoV and SARS-CoV-2 infections.** *Data Brief* 2020; 32:106207. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864402>
27. Hoste ACR, Venteo A, Fresco-Taboada A *et al.* **Two serological approaches for detection of antibodies to SARS-CoV-2 in different scenarios: a screening tool and a point-of-care test.** *Diagn. Microbiol. Infect. Dis.* 2020; 98:115167. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890908>
28. Evans LK, Shinagawa A, Sutton S, Calvo L. **COVID-19 Drive-Through Point of Screening and Testing (POST) System: A Safe, Efficient, and Adaptable Model for Nasopharyngeal Swab Collection.** *Disaster Med Public Health Prep* 2020:1-19. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873359>
29. Torretta S, Zuccotti G, Cristofaro V *et al.* **Diagnosis of SARS-CoV-2 by RT-PCR Using Different Sample Sources: Review of the Literature.** *Ear Nose Throat J* 2020:145561320953231. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865458>
30. Ahmed W, Bertsch PM, Bibby K *et al.* **Decay of SARS-CoV-2 and surrogate murine hepatitis virus RNA in untreated wastewater to inform application in wastewater-based epidemiology.** *Environ. Res.* 2020:110092. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861728>
31. Fuereder T, Berghoff AS, Heller G *et al.* **SARS-CoV-2 seroprevalence in oncology healthcare professionals and patients with cancer at a tertiary care centre during the COVID-19 pandemic.** *ESMO Open* 2020; 5. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878898>
32. Liotti FM, Menchinelli G, Marchetti S *et al.* **Evaluation of three commercial assays for SARS-CoV-2 molecular detection in upper respiratory tract samples.** *Eur J Clin Microbiol Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885293>
33. Rode O, Kurolt IC, Puljiz I *et al.* **Antibody response and the clinical presentation of patients with COVID-19 in Croatia: the importance of a two-step testing**

- approach.** Eur J Clin Microbiol Infect Dis 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886230>
34. Barberio B, Buda A, Savarino EV. **Should IBD Patients Be Tested for Active COVID-19 Prior Starting a Biological Treatment?** Gastroenterology 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877708>
 35. Gómez J, Albaiceta GM, García-Clemente M *et al.* **Angiotensin-converting enzymes (ACE, ACE2) gene variants and COVID-19 outcome.** Gene 2020:145102. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882331>
 36. Latini A, Agolini E, Novelli A *et al.* **COVID-19 and Genetic Variants of Protein Involved in the SARS-CoV-2 Entry into the Host Cells.** Genes (Basel) 2020; 11.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867305>
 37. Ejazi SA, Ghosh S, Ali N. **Antibody detection assays for COVID-19 diagnosis: an early overview.** Immunol. Cell Biol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864735>
 38. Fragkou PC, Papaevangelou V, Antoniadou A *et al.* **Preliminary Data of a Quantitative Point of Care Test for SARS-CoV-2 Antibodies From Greece.** In Vivo 2020; 34:3039-3045. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871850>
 39. Ghoshal U, Vasanth S, Tejan N. **A guide to laboratory diagnosis of Corona Virus Disease-19 for the gastroenterologists.** Indian J. Gastroenterol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32875524>
 40. Jacob JJ, Vasudevan K, Veeraraghavan B *et al.* **Genomic evolution of severe acute respiratory syndrome Coronavirus 2 in India and vaccine impact.** Indian J. Med. Microbiol. 2020; 38:210-212. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883935>
 41. Gupta A, Gupta B. **Jal Neti Sample for COVID Detection: A Novel Hypothesis.** Indian J Otolaryngol Head Neck Surg 2020:1-3.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32868993>
 42. Behrens GMN, Cossmann A, Stankov MV *et al.* **Strategic Anti-SARS-CoV-2 Serology Testing in a Low Prevalence Setting: The COVID-19 Contact (CoCo) Study in Healthcare Professionals.** Infect Dis Ther 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886335>
 43. Imran MM, Ahmed U, Usman U *et al.* **Neutrophil/Lymphocyte Ratio - A Marker of COVID-19 Pneumonia Severity.** Int J Clin Pract 2020:e13698.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32892477>
 44. Meloni F, Campagna M, Restivo A, Cocco P. **Schrödinger's Worker: Are They Positive or Negative for SARS-CoV-2?** Int J Environ Res Public Health 2020; 17.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32878025>
 45. Reilev M, Kristensen KB, Pottegård A *et al.* **Characteristics and predictors of hospitalization and death in the first 11 122 cases with a positive RT-PCR test for SARS-CoV-2 in Denmark: a nationwide cohort.** Int J Epidemiol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32887982>
 46. Regen F, Eren N, Heuser I, Hellmann-Regen J. **A Simple Approach to Optimum Pool Size for Pooled SARS-CoV-2 Testing.** Int J Infect Dis 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866638>
 47. White D, MacDonald S, Edwards T *et al.* **Evaluation of COVID-19 coagulopathy; laboratory characterization using thrombin generation and nonconventional haemostasis assays.** Int. J. Lab. Hematol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32892505>

48. Leal-Neto OB, Santos FAS, Lee JY *et al.* **Prioritizing COVID-19 tests based on participatory surveillance and spatial scanning.** *Int. J. Med. Inform.* 2020; 143:104263. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877853>
49. Vena A, Berruti M, Adessi A *et al.* **Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors.** *J Clin Med* 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867328>
50. Carbo EC, Sidorov IA, Zevenhoven-Dobbe JC *et al.* **Coronavirus discovery by metagenomic sequencing: a tool for pandemic preparedness.** *J Clin Virol* 2020; 131:104594. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866812>
51. Gozalbo-Rovira R, Gimenez E, Latorre V *et al.* **SARS-CoV-2 antibodies, serum inflammatory biomarkers and clinical severity of hospitalized COVID-19 patients.** *J Clin Virol* 2020; 131:104611. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882666>
52. Jokela P, Jääskeläinen AE, Jarva H *et al.* **SARS-CoV-2 sample-to-answer nucleic acid testing in a tertiary care emergency department: evaluation and utility.** *J Clin Virol* 2020; 131:104614. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889495>
53. Kuchinski KS, Jassem AN, Prystajek NA. **Assessing oligonucleotide designs from early lab developed PCR diagnostic tests for SARS-CoV-2 using the PCR_strainer pipeline.** *J Clin Virol* 2020; 131:104581. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889496>
54. Menon S, Mathew MR, Sam S *et al.* **Recent advances and challenges in electrochemical biosensors for emerging and re-emerging infectious diseases.** *J Electroanal Chem (Lausanne)* 2020:114596. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863810>
55. Balaphas A, Gkoufa K, Meyer J *et al.* **Covid-19 can mimic acute cholecystitis and is associated with the presence of viral RNA in the gallbladder wall.** *J Hepatol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890595>
56. Axell-House DB, Lavingia R, Rafferty M *et al.* **The Estimation of Diagnostic Accuracy of Tests for COVID-19: A Scoping Review.** *J Infect* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882315>
57. Yan Yan, Jiang X, Wang X *et al.* **CCL28 mucosal expression in SARS-CoV-2-infected patients with diarrhea in relation to disease severity.** *J Infect* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871180>
58. Marossy A, Rakowicz S, Bhan A *et al.* **A study of universal SARS-CoV-2 RNA testing of residents and staff in a large group of care homes in South London.** *J Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889532>
59. Bae TW, Kwon KK, Kim KH. **Mass Infection Analysis of COVID-19 Using the SEIRD Model in Daegu-Gyeongbuk of Korea from April to May, 2020.** *J Korean Med Sci* 2020; 35:e317. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864913>
60. Shi H, Zuo Y, Yalavarthi S *et al.* **Neutrophil calprotectin identifies severe pulmonary disease in COVID-19.** *J. Leukoc. Biol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869342>
61. Rubio Lorente AM, Pola Guillén M, López Jimenez N *et al.* **Study of amniotic fluid in pregnant women infected with SARS-CoV-2 in first and second trimester. Is there evidence of vertical transmission?** *J Matern Fetal Neonatal Med* 2020:1-3. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862730>
62. Garg J, Singh V, Pandey P *et al.* **Evaluation of sample pooling for diagnosis of COVID-19 by Real time PCR- A resource saving combat strategy.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869865>

63. Li Y, Ji D, Cai W *et al.* **Clinical characteristics, cause analysis and infectivity of COVID-19 nucleic acid re-positive patients: A literature review.** J Med Virol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890414>
64. Silva VL, Dias VC, Watanabe ASA *et al.* **The fragility of humoral immunity as a physiological safety marker for healthcare workers to return after COVID-19 convalescence.** J Microbiol Immunol Infect 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868192>
65. Obinata H, Yokobori S, Ogawa K *et al.* **Indicators of acute kidney injury as biomarkers to differentiate heatstroke from coronavirus disease 2019: A retrospective multicenter analysis.** J Nippon Med Sch 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863339>
66. Goudouris ES. **Laboratory diagnosis of COVID-19.** J. Pediatr. (Rio J.) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882235>
67. Thachil J, Longstaff C, Favaloro EJ *et al.* **The need for accurate D-dimer reporting in COVID-19: Communication from the ISTH SSC on fibrinolysis.** J Thromb Haemost 2020; 18:2408-2411. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881272>
68. Varikasuvu SR, Varshney S, Dutt N. **Markers of coagulation dysfunction and inflammation in diabetic and non-diabetic COVID-19.** J. Thromb. Thrombolysis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889620>
69. Michel D, Danzer KM, Groß R *et al.* **Rapid, convenient and efficient kit-independent detection of SARS-CoV-2 RNA.** J. Virol. Methods 2020:113965. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891677>
70. Yamamoto K, Saito S, Hayakawa K *et al.* **When should clinicians repeat SARS-CoV-2 RT-PCR?: Repeat PCR testing targeting patients with pulmonary CT findings suggestive of COVID-19.** Jpn. J. Infect. Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863359>
71. Soraya GV, Ulhaq ZS. **Crucial laboratory parameters in COVID-19 diagnosis and prognosis: An updated meta-analysis.** Med Clin (Engl Ed) 2020; 155:143-151. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864456>
72. Bond K, Williams E, Howden BP, Williamson DA. **Serological tests for COVID-19.** Med. J. Aust. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892381>
73. Duijf PHG. **Low Baseline Pulmonary Levels of Cytotoxic Lymphocytes as a Predisposing Risk Factor for Severe COVID-19.** mSystems 2020; 5. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873611>
74. de Oliveira FAA, Palmeira DCC, Rocha-Filho PAS. **Headache and pleocytosis in CSF associated with COVID-19: case report.** Neurol Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875474>
75. Waked R, Makhoul J, Saliba G *et al.* **Are two consecutive negative RT-PCRs enough to rule out COVID-19?** New Microbes New Infect 2020:100750. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874594>
76. Abud BT, Hajnas NM, Redleaf M *et al.* **Assessing the Impact of a Training Initiative for Nasopharyngeal and Oropharyngeal Swabbing for COVID-19 Testing.** OTO Open 2020; 4:2473974x20953094. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864547>
77. Carretta G, Contessa C, Boemo DG *et al.* **COVID-19 challenge: proactive management of a Tertiary University Hospital in Veneto Region, Italy.** Pathog Glob Health 2020; 114:309-317. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862823>

78. Candellier A, Scohy A, Gillet N *et al.* **Absence of SARS-CoV-2 in the effluent of peritoneal dialysis patients.** Perit. Dial. Int. 2020:896860820953061. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869702>
79. Hohmann-Jeddi VC. **Coronavirus diagnosis: How does the test work?** Pharm. Ztg. 2020; 165:40-41.
80. Taglauer E, Benarroch Y, Rop K *et al.* **Consistent localization of SARS-CoV-2 spike glycoprotein and ACE2 over TMPRSS2 predominance in placental villi of 15 COVID-19 positive maternal-fetal dyads.** Placenta 2020; 100:69-74. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862058>
81. Berger U. **Rapid tests for COVID-19: What is there to discuss?** PPmP Psychotherapie Psychosomatik Medizinische Psychologie 2020; 70:308-310.
82. Ganguli A, Mostafa A, Berger J *et al.* **Rapid isothermal amplification and portable detection system for SARS-CoV-2.** Proc Natl Acad Sci U S A 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868442>
83. Lippi G, Sanchis-Gomar F, Henry BM. **Eosinophil count in coronavirus disease 2019: more doubts than answers.** QJM 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877527>
84. Roca E, Ventura L, Zattra CM, Lombardi C. **EOSINOPENIA: An early, effective, and relevant COVID-19 biomarker?** QJM 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877511>
85. Giannitto C, Sposta FM, Repici A *et al.* **Chest CT in patients with a moderate or high pretest probability of COVID-19 and negative swab.** Radiol Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862406>
86. Palmowski M, Persigehl T, Michaely H *et al.* **[Does SARS-CoV-2 cause lung inflammation even in mild clinical courses? : A multicenter report from outpatient care].** Radiologe 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886159>
87. Jafarzadeh A, Jafarzadeh S, Nozari P *et al.* **Lymphopenia an important immunological abnormality in patients with COVID-19: Possible mechanisms.** Scand. J. Immunol. 2020:e12967. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875598>
88. Ding Z, Qian H, Xu B *et al.* **Toilets dominate environmental detection of severe acute respiratory syndrome coronavirus 2 in a hospital.** Sci Total Environ 2020; 753:141710. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891988>
89. Liu G, Zhang S, Hu H *et al.* **The role of neutrophil-lymphocyte ratio and lymphocyte-monocyte ratio in the prognosis of type 2 diabetics with COVID-19.** Scott. Med. J. 2020:36933020953516. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865157>
90. Davies HJ, Williams I, Peters NS, Mandic DP. **In-Ear SpO(2): A Tool for Wearable, Unobtrusive Monitoring of Core Blood Oxygen Saturation.** Sensors (Basel) 2020; 20. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872310>
91. Wu Y, Hong K, Ruan L *et al.* **Patients with Prolonged Positivity of SARS-CoV-2 RNA Benefit from Convalescent Plasma Therapy: A Retrospective Study.** Virolog Sin 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865701>
92. Wang X, Zheng J, Guo L *et al.* **Fecal viral shedding in COVID-19 patients: clinical significance, viral load dynamics and survival analysis.** Virus Res. 2020:198147. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866537>

Cardiovascular disease (72 articles)

1. Aladağ N, Atabey RD. **The role of concomitant cardiovascular diseases and cardiac biomarkers for predicting mortality in critical COVID-19 patients.** *Acta Cardiol.* 2020:1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883169>
2. Cetinkal G, Kocas BB, Ser OS *et al.* **Assessment of the Modified CHA2DS2VASc Risk Score in Predicting Mortality in Patients Hospitalized with COVID-19.** *Am. J. Cardiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861734>
3. Elsaid O, McCullough PA, Tecson KM *et al.* **Ventricular Fibrillation Storm in Coronavirus 2019.** *Am. J. Cardiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871109>
4. Shah P, Doshi R, Chenna A *et al.* **Prognostic Value of Elevated Cardiac Troponin I in Hospitalized Covid-19 Patients.** *Am. J. Cardiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861733>
5. Adams E, Broce M, Mousa A. **Proposed Algorithm for Treatment of Pulmonary Embolism in COVID-19 Patients.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891745>
6. Cheruiyot I, Kipkorir V, Ngure B *et al.* **Arterial Thrombosis in Coronavirus disease 2019 (COVID-19) Patients: A Rapid Systematic Review.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866574>
7. Etkin Y, Conway AM, Silpe J *et al.* **Acute arterial thromboembolism in patients with COVID-19 in the New York City area.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866580>
8. Patel P, Yu Y, Zia S *et al.* **Systemic Thrombolysis as Initial Treatment of COVID-19 Associated Acute Aortoiliac and Lower Extremity Arterial Thrombosis.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861850>
9. Singh B, Aly R, Kaur P *et al.* **COVID-19 Infection and Arterial Thrombosis: Report of three cases.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889160>
10. Ferron PJ, Gicquel T, Mégarbane B *et al.* **Treatments in Covid-19 patients with pre-existing metabolic dysfunction-associated fatty liver disease: A potential threat for drug-induced liver injury?** *Biochimie* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891697>
11. Lazzaroni MG, Piantoni S, Masneri S *et al.* **Coagulation dysfunction in COVID-19: The interplay between inflammation, viral infection and the coagulation system.** *Blood Rev.* 2020:100745. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868115>
12. Rocco IS, Gomes WJ, Viceconte M *et al.* **Cardiovascular involvement in COVID-19: not to be missed.** *Braz J Cardiovasc Surg* 2020; 35:530-538. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864934>
13. Qureshi WT, Al-Drugh S, Ogunsua A *et al.* **Post myocardial infarction complications during the COVID-19 pandemic - A case series.** *Cardiovasc. Revasc. Med.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863191>
14. Yong CM, Ang L, Welt FGP *et al.* **Cardiac Procedural Deferral during the Coronavirus (COVID-19) Pandemic.** *Catheter. Cardiovasc. Interv.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882075>
15. Rosovsky RP, Grodzin C, Channick R *et al.* **Diagnosis and Treatment of Pulmonary Embolism During the COVID-19 Pandemic: A Position Paper from the National PERT Consortium.** *Chest* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861692>

16. Mauro A, De Grazia F, Lenti MV *et al.* **Upper gastrointestinal bleeding in COVID-19 inpatients: Incidence and management in a multicenter experience from Northern Italy.** Clin Res Hepatol Gastroenterol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888875>
17. Theoharides TC, Antonopoulou S, Demopoulos CA. **Coronavirus 2019, Microthromboses, and Platelet Activating Factor.** Clin. Ther. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883529>
18. Shi C, Wang C, Wang H *et al.* **The potential of low molecular weight heparin to mitigate cytokine storm in severe COVID-19 patients: a retrospective cohort study.** Clin Transl Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881340>
19. Garg A, Marji A, Goyal S, Ismail R. **A Case of COVID-19 With Memory Impairment and Delayed Presentation as Stroke.** Cureus 2020; 12:e10025. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864278>
20. Gogia B, Fang X, Rai P. **Intracranial Hemorrhage in a Patient With COVID-19: Possible Explanations and Considerations.** Cureus 2020; 12:e10159. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884879>
21. Koche M, Bechmann S, Omoruyi IS. **Bilateral Pulmonary Embolism in a Discharged Patient With Resolved COVID-19 Pneumonia.** Cureus 2020; 12:e9406. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864235>
22. Loomba RS, Villarreal EG, Flores S. **COVID-19 and Hyperinflammatory Syndrome in Children: Kawasaki Disease with Macrophage Activation Syndrome in Disguise?** Cureus 2020; 12:e9515. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884871>
23. Onkarappa Mangala Y, Daid SS, Lakshmanan S *et al.* **Acute Pulmonary Embolism in COVID-19: A Report of Two Cases.** Cureus 2020; 12:e9459. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874791>
24. Singh G, Attique HB, Gadela NV *et al.* **COVID-19 Related Arterial Coagulopathy.** Cureus 2020; 12:e9490. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879814>
25. Terrigno VR, Tan JL, Singh D, Sabir SA. **Right Atrial Thrombus in a Patient With COVID-19.** Cureus 2020; 12:e9441. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864265>
26. de Barcelos Ubaldo Martins L, Jabour L, Vieira CC *et al.* **Renin-angiotensin system (RAS) and immune system profile in specific subgroups with COVID-19.** Curr Med Chem 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881654>
27. Wagner WL, Hellbach K, Fiedler MO *et al.* **Microvascular changes in COVID-19.** Der Radiologe 2020.
28. Hariyanto TI, Kurniawan A. **Statin therapy did not improve the in-hospital outcome of coronavirus disease 2019 (COVID-19) infection.** Diabetes Metab Syndr 2020; 14:1613-1615. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882643>
29. de Almeida-Pititto B, Dualib PM, Zajdenverg L *et al.* **Severity and mortality of COVID 19 in patients with diabetes, hypertension and cardiovascular disease: a meta-analysis.** Diabetol. Metab. Syndr. 2020; 12:75. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874207>
30. Capotosto L, Nguyen BL, Ciardi MR *et al.* **Heart, COVID-19, and echocardiography.** Echocardiography 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885490>
31. Pellinen J, Carroll E, Friedman D *et al.* **Continuous EEG findings in patients with COVID-19 infection admitted to a New York academic hospital system.** Epilepsia 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875578>

32. De la Corte-Rodriguez H, Alvarez-Roman MT, Rodriguez-Merchan EC, Jimenez-Yuste V. **What COVID-19 can mean for people with hemophilia beyond the infection risk.** Expert Rev. Hematol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862729>
33. Gómez J, Albaiceta GM, García-Clemente M *et al.* **Angiotensin-converting enzymes (ACE, ACE2) gene variants and COVID-19 outcome.** Gene 2020:145102. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882331>
34. Triposkiadis F, Starling RC, Xanthopoulos A *et al.* **Renin-angiotensin-system inhibition in the context of corona virus disease-19: experimental evidence, observational studies, and clinical implications.** Heart Fail. Rev. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875490>
35. Ho JS, Sia CH, Chan MY *et al.* **Coronavirus-induced myocarditis: A meta-summary of cases.** Heart Lung 2020; 49:681-685. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861884>
36. Korada SKC, Mann JA, Hasan AK *et al.* **Management of COVID-19 in a durable left ventricular assist device recipient: A continuity of care perspective.** Heart Lung 2020; 49:688-691. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861886>
37. Abrams MP, Coromilas EJ, Wan EY *et al.* **Malignant Ventricular Arrhythmias in Patients with Severe Acute Respiratory Distress Syndrome Due to COVID-19 without Significant Structural Heart Disease.** HeartRhythm Case Rep 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864335>
38. Domico M, McCanta AC, Hunt JL *et al.* **High-Grade Heart Block Requiring Transvenous Pacing Associated with Multisystem Inflammatory Syndrome in Children During the COVID-19 Pandemic.** HeartRhythm Case Rep 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864334>
39. Kumar M, Tyagi N, Arora M. **Management of ST elevation myocardial infarction (STEMI) with primary angioplasty in Covid 19 lockdown.** Indian Heart J. 2020; 72:325-326. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861396>
40. Berman JP, Abrams MP, Kushnir A *et al.* **Cardiac electrophysiology consultative experience at the epicenter of the COVID-19 pandemic in the United States.** Indian Pacing Electrophysiol J 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861812>
41. Cransac-Miet A, Zeller M, Chagué F *et al.* **Impact of COVID-19 lockdown on lifestyle adherence in stay-at-home patients with chronic coronary syndromes: Towards a time bomb.** Int J Cardiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889019>
42. Boriani G, Palmisano P, Guerra F *et al.* **Impact of COVID-19 pandemic on the clinical activities related to arrhythmias and electrophysiology in Italy: results of a survey promoted by AIAC (Italian Association of Arrhythmology and Cardiac Pacing).** Intern Emerg Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889687>
43. Elliott JM, Crozier IG. **Decreases in cardiac catheter laboratory workload during the COVID-19 level 4 lockdown in New Zealand.** Intern. Med. J. 2020; 50:1000-1003. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881225>
44. Altschul DJ, Esenwa C, Haranhalli N *et al.* **Predictors of mortality for patients with COVID-19 and large vessel occlusion.** Interv. Neuroradiol. 2020:1591019920954603. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862753>
45. Altschul DJ, Esenwa C, Haranhalli N *et al.* **Predictors of mortality for patients with COVID-19 and large vessel occlusion.** Interv. Neuroradiol.

- 2020:1591019920954603. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862753>
46. Dauerman HL. **The Unbearable Thrombus of COVID-19: Primary PCI, Thrombus, and COVID-19.** *J Am Coll Cardiol* 2020; 76:1177-1180. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883410>
 47. Hirata N, Yamakage M. **Cardiovascular considerations for anesthesiologists during the COVID-19 pandemic.** *J. Anesth.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885278>
 48. Liu Y, Chen P, Mutar M *et al.* **Ischemic Necrosis of Lower Extremity in COVID-19: A Case Report.** *J Atheroscler Thromb* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863298>
 49. Karamchandani K, Quintili A, Landis T, Bose S. **Cardiac Arrhythmias in Critically Ill Patients With COVID-19: A Brief Review.** *J Cardiothorac Vasc Anesth* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888796>
 50. Antza C, Stabouli S. **Reduction in environmental noise during COVID-19 pandemic and cardiovascular disease: A mystery for further investigation.** *J. Clin. Hypertens. (Greenwich)* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882108>
 51. Ferguson J, Volk S, Vondracek T *et al.* **Empiric therapeutic anticoagulation and mortality in critically ill patients with respiratory failure from SARS-CoV-2: A retrospective cohort study.** *J. Clin. Pharmacol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885463>
 52. Singhvi A, Barghash M, Lala-Trindade A *et al.* **Challenges in heart transplantation during COVID-19: A single-center experience.** *J. Heart Lung Transplant.* 2020; 39:894-903. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891266>
 53. Hu TY, Lee JZ, Asirvatham SJ. **Cardiovascular Considerations in Coronavirus Disease 2019 with a Special Focus on Arrhythmia.** *J Innov Card Rhythm Manag* 2020; 11:4191-4198. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874745>
 54. Sohinki D, Berman AE. **What Coronavirus Disease 2019 Has Taught Us About Modern Electrophysiology Practice.** *J Innov Card Rhythm Manag* 2020; 11:4187-4190. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874744>
 55. Estofolete CF, Machado LF, Zini N *et al.* **Fatal stroke as presentation of SARS-CoV-2 and dengue virus coinfection.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881018>
 56. Lu D, Chatterjee S, Xiao K *et al.* **MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes.** *J. Mol. Cell. Cardiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891636>
 57. Kow CS, Zaihan AF, Hasan SS. **Anticoagulant approach in COVID-19 patients with cerebral venous thrombosis.** *J. Stroke Cerebrovasc. Dis.* 2020:105222. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891494>
 58. Calabrese F, Fortarezza F, Giraud C *et al.* **Two sorts of microthrombi in a COVID-19 patient with lung cancer.** *J Thorac Oncol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866652>
 59. Thachil J, Juffermans NP, Ranucci M *et al.* **ISTH DIC subcommittee communication on anticoagulation in COVID-19.** *J Thromb Haemost* 2020; 18:2138-2144. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881336>
 60. Tritschler T, Mathieu ME, Skeith L *et al.* **Anticoagulant interventions in hospitalized patients with COVID-19: A scoping review of randomized controlled trials and call for international collaboration.** *J Thromb Haemost* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888372>

61. Manenti A, Farinetti A, Manco G, Mattioli A. **Vasculitis and aortitis: Covid-19 challenging complications.** *J. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889075>
62. Thompson O, Pierce D, Whang D *et al.* **Acute Limb Ischemia as Sole Initial Manifestation of SARS-CoV-2 Infection.** *J Vasc Surg Cases Innov Tech* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864520>
63. Libby P. **The Heart in COVID-19: Primary Target or Secondary Bystander?** *JACC Basic Transl Sci* 2020; 5:537-542. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32292847>
64. Al-Otaibi M, Iftikhar O, Brailovsky Y *et al.* **Catheter-Directed Thrombolysis of Iliocaval Thrombosis in Patients with COVID-19.** *JACC Case Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864630>
65. Seo J, Son M. **Update on association between exposure to renin-angiotensin-aldosterone system inhibitors and coronavirus disease 2019 in South Korea.** *Korean J. Intern. Med.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872736>
66. Chen EC, Zon RL, Battinelli EM, Connors JM. **Approach to the Patient with COVID-19-Associated Thrombosis: A Case-Based Review.** *Oncologist* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881209>
67. Cao J, Zheng Y, Luo Z *et al.* **Myocardial injury and COVID-19: Serum hs-cTnI level in risk stratification and the prediction of 30-day fatality in COVID-19 patients with no prior cardiovascular disease.** *Theranostics* 2020; 10:9663-9673. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863952>
68. Tersalvi G, Veronese G, Winterton D. **Emerging evidence of myocardial injury in COVID-19: A path through the smoke.** *Theranostics* 2020; 10:9888-9889. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863965>
69. Beckman M, Nyrén S, Kistner A. **A case-report of widespread pulmonary embolism in a middle-aged male seven weeks after asymptomatic suspected COVID 19 infection.** *Thromb J* 2020; 18:19. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868974>
70. Del Turco S, Vianello A, Ragusa R *et al.* **COVID-19 and cardiovascular consequences: Is the endothelial dysfunction the hardest challenge?** *Thromb Res* 2020; 196:143-151. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871306>
71. Flaherty GT, Hession P, Liew CH *et al.* **COVID-19 in adult patients with pre-existing chronic cardiac, respiratory and metabolic disease: a critical literature review with clinical recommendations.** *Trop Dis Travel Med Vaccines* 2020; 6:16. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868984>
72. Alkhaibary A, Abbas M, Ahmed ME *et al.* **Common Carotid Artery Occlusion in a Young Patient: Can Large-Vessel Stroke be the Initial Clinical Manifestation of COVID-19?** *World Neurosurg* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889184>

Children (27 articles)

1. Dias JV, Contreiras M, Oom P. **SARS-CoV-2 Pandemic: Should Children Wear Masks?** *Acta Med Port* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880571>
2. Shah S. **COVID-19 and paediatric dentistry- traversing the challenges. A narrative review.** *Ann Med Surg (Lond)* 2020; 58:22-33. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864126>

3. Cura Yayla BC, Ozsurekci Y, Aykac K *et al.* **Characteristics and Management of Children With COVID-19 in Turkey.** Balkan Med J 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865382>
4. Dunton GF, Do B, Wang SD. **Early effects of the COVID-19 pandemic on physical activity and sedentary behavior in children living in the U.S.** BMC Public Health 2020; 20:1351. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887592>
5. Montalvo Villalba MC, Valdés Ramírez O, Muné Jiménez M *et al.* **Interferon gamma, TGF- β 1 and RANTES expression in upper airway samples from SARS-CoV-2 infected patients.** Clin Immunol 2020; 220:108576. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866645>
6. Loomba RS, Villarreal EG, Flores S. **COVID-19 and Hyperinflammatory Syndrome in Children: Kawasaki Disease with Macrophage Activation Syndrome in Disguise?** Cureus 2020; 12:e9515. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884871>
7. Suwanwongse K, Shabarek N. **Pseudo-Appendicitis in an Adolescent With COVID-19.** Cureus 2020; 12:e9394. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864225>
8. Di Giorgio E, Di Riso D, Mioni G, Cellini N. **The interplay between mothers' and children behavioral and psychological factors during COVID-19: an Italian study.** Eur. Child Adolesc. Psychiatry 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865654>
9. Anastassopoulou C, Spanakis N, Tsakris A. **SARS-CoV-2 transmission, the ambiguous role of children and considerations for the reopening of schools in the fall.** Future Microbiol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878481>
10. Donà D, Giaquinto C, Baraldi E *et al.* **COVID-19 Pandemic: Perspective of an Italian Tertiary Care Pediatric Center.** Healthcare (Basel) 2020; 8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882820>
11. Wei Y, Liu X, Yuan J *et al.* **Coronavirus Disease-2019 (COVID-19) Infection in a 3-Month-Old Infant: Clinical Features, Treatment and Probable Route of Transmission.** IDCases 2020:e00937. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864338>
12. Kayuni SA, O'Ferrall AM, Baxter H *et al.* **An outbreak of intestinal schistosomiasis, alongside increasing urogenital schistosomiasis prevalence, in primary school children on the shoreline of Lake Malawi, Mangochi District, Malawi.** Infect Dis Poverty 2020; 9:121. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867849>
13. Bao X, Qu H, Zhang R, Hogan TP. **Modeling Reading Ability Gain in Kindergarten Children during COVID-19 School Closures.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882960>
14. Torres JP, Izquierdo G, Acuña M *et al.* **Multisystem inflammatory syndrome in children (MIS-C): Report of the clinical and epidemiological characteristics of cases in Santiago de Chile during the SARS-CoV-2 pandemic.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861823>
15. Gelardi M, Giancaspro R, Fiore V *et al.* **COVID-19: Effects of lockdown on adenotonsillar hypertrophy and related diseases in children.** Int J Pediatr Otorhinolaryngol 2020; 138:110284. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861977>

16. Matsubara D, Kauffman HL, Wang Y *et al.* **Echocardiographic Findings in Pediatric Multisystem Inflammatory Syndrome Associated with COVID-19 in the United States.** *J Am Coll Cardiol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890666>
17. Wong FL, Antoniou G, Williams N, Cundy PJ. **Disruption of paediatric orthopaedic hospital services due to the COVID-19 pandemic in a region with minimal COVID-19 illness.** *J. Child. Orthop.* 2020; 14:245-251. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874355>
18. Biguenet A, Bouiller K, Marty-Quinternet S *et al.* **SARS-CoV-2 respiratory viral loads and association with clinical and biological features.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889755>
19. Newman AM, Jhaveri R, Patel AB *et al.* **Trisomy 21 and COVID-19 in Pediatric Patients.** *J. Pediatr.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861693>
20. Baron EJ, Goldstein EG, Wallace CT. **Suffering in silence: How COVID-19 school closures inhibit the reporting of child maltreatment.** *J Public Econ* 2020; 190:104258. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863462>
21. Radia T, Williams N, Agrawal P *et al.* **Multi-system inflammatory syndrome in children & adolescents (MIS-C): A systematic review of clinical features and presentation.** *Paediatr. Respir. Rev.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891582>
22. Williams PCM, Howard-Jones AR, Hsu P *et al.* **SARS-CoV-2 in children: spectrum of disease, transmission and immunopathological underpinnings.** *Pathology* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888706>
23. Diorio C, Anderson EM, McNerney KO *et al.* **Convalescent plasma for pediatric patients with SARS-CoV-2-associated acute respiratory distress syndrome.** *Pediatr Blood Cancer* 2020:e28693. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885904>
24. Hepkaya E, Kilinc AA, Cebi MN *et al.* **General Health Status of Asthmatic Children During COVID-19 Pandemic.** *Pediatr. Int.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881185>
25. Steinman JB, Lum FM, Ho PP *et al.* **Reduced development of COVID-19 in children reveals molecular checkpoints gating pathogenesis illuminating potential therapeutics.** *Proc Natl Acad Sci U S A* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883878>
26. Singh S, Roy D, Sinha K *et al.* **Impact of COVID-19 and lockdown on mental health of children and adolescents: A narrative review with recommendations.** *Psychiatry Res* 2020; 293:113429. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882598>
27. Xia Z, Yang L, Li N *et al.* **Seasonal influenza activity in young children before the COVID-19 outbreak in Wuhan, China.** *Transbound Emerg Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881325>

Clinical Features (50 articles)

1. Larsson E, Brattström O, Agvald-Öhman C *et al.* **Characteristics and outcomes of patients with COVID-19 admitted to ICU in a tertiary hospital in Stockholm, Sweden.** *Acta Anaesthesiol. Scand.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892337>

2. Carrascosa JM, Morillas V, Bielsa I, Munera-Campos M. **Cutaneous Manifestations in the Context of SARS-CoV-2 Infection (COVID-19).** *Actas Dermosifiliogr.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882184>
3. Mahieu R, Dubée V. **[Clinical and epidemiological characteristics of COVID-19].** *Actual. Pharm.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863555>
4. Bridwell RE, Merrill DR, Griffith SA *et al.* **A coronavirus disease 2019 (COVID-19) patient with bilateral orchitis: A case report.** *Am J Emerg Med* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888763>
5. Mulcahy CF, Ghulam-Smith M, Mamidi IS *et al.* **Oropharyngeal hemorrhage in patients with COVID-19: A multi-institutional case series.** *Am. J. Otolaryngol.* 2020; 41:102691. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890807>
6. Pérez-Bartolomé F, Sánchez-Quirós J. **Ocular manifestations of SARS-CoV-2: Literature review.** *Arch Soc Esp Oftalmol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873480>
7. Xie Y, Wang Z, Liao H *et al.* **Epidemiologic, clinical, and laboratory findings of the COVID-19 in the current pandemic: systematic review and meta-analysis.** *BMC Infect. Dis.* 2020; 20:640. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867706>
8. Zhang Y, Zhang C, Hu Y *et al.* **Clinical features and outcomes of seven patients with COVID-19 in a family cluster.** *BMC Infect. Dis.* 2020; 20:647. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883217>
9. Zhou H, Zhu L, Leng Y *et al.* **Clinical and imaging findings of discharged patients with SARS-CoV-2 positive anal swab samples: a descriptive study.** *BMC Infect. Dis.* 2020; 20:644. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873230>
10. Malih N, Hajinasrollah G, Zare M, Taheri M. **Unexpected Presentation of COVID-19 in a 38-Year-Old Male Patient: A Case Report.** *Case Rep. Dermatol.* 2020; 12:124-131. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884519>
11. Garg A, Marji A, Goyal S, Ismail R. **A Case of COVID-19 With Memory Impairment and Delayed Presentation as Stroke.** *Cureus* 2020; 12:e10025. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864278>
12. Suwanwongse K, Shabarek N. **Pseudo-Appendicitis in an Adolescent With COVID-19.** *Cureus* 2020; 12:e9394. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864225>
13. Ayatollahi A, Robati RM, Kamyab K, Firooz A. **Late-onset AGEP-like skin pustular eruption following COVID-19: a possible association.** *Dermatol Ther* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885892>
14. Goudarzi S, Dehghani Firouzabadi F, Dehghani Firouzabadi M, Rezaei N. **Cutaneous Lesions and COVID-19: Cystic Painful Lesion in a Case with Positive SARS-CoV-2.** *Dermatol Ther* 2020:e14266. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882081>
15. Parolin M, Parisotto M, Zanchetta F *et al.* **Coronaviruses and Endocrine System: a Systematic Review on Evidences and Shadows.** *Endocr. Metab. Immune Disord. Drug Targets* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888287>
16. Rode O, Kurolt IC, Puljiz I *et al.* **Antibody response and the clinical presentation of patients with COVID-19 in Croatia: the importance of a two-step testing approach.** *Eur J Clin Microbiol Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886230>

17. Criado PR, Pincelli TPH, Criado RFJ *et al.* **Potential interactions of SARS-CoV-2 with human cell receptors in the skin: understanding the enigma for a lower frequency of skin lesions compared to other tissues.** Exp. Dermatol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867008>
18. Liu F, Liu H, Hou L *et al.* **Clinico-Radiological Features and Outcomes in Pregnant Women with COVID-19 Pneumonia Compared with Age-Matched Non-Pregnant Women.** Infect Drug Resist 2020; 13:2845-2854. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884308>
19. Reilev M, Kristensen KB, Pottegård A *et al.* **Characteristics and predictors of hospitalization and death in the first 11 122 cases with a positive RT-PCR test for SARS-CoV-2 in Denmark: a nationwide cohort.** Int J Epidemiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887982>
20. Corchuelo J, Ulloa FC. **Oral manifestations in a patient with a history of asymptomatic COVID-19. Case Report.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882435>
21. Nikolai LA, Meyer CG, Kremsner PG, Velavan TP. **Asymptomatic SARS Coronavirus 2 infection: Invisible yet invincible.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891737>
22. Al-Sharif E, Strianese D, AlMadhi NH *et al.* **Ocular tropism of coronavirus (CoVs): a comparison of the interaction between the animal-to-human transmitted coronaviruses (SARS-CoV-1, SARS-CoV-2, MERS-CoV, CoV-229E, NL63, OC43, HKU1) and the eye.** Int. Ophthalmol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880786>
23. Keller KG, Reangsing C, Schneider JK. **Clinical Presentation and Outcomes of Hospitalized Adults with COVID-19: A systematic review.** J. Adv. Nurs. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881050>
24. Péré H, Védie B, Vernet R *et al.* **Unexpected diagnosis of COVID-19-associated disorders by SARS-CoV-2-specific serology.** J Clin Virol 2020; 132:104568. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890937>
25. Tamai M, Maekawa A, Goto N *et al.* **Three cases of COVID-19 patients presenting with erythema.** J. Dermatol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881072>
26. Shanshal M. **Urticaria and COVID-19 infection: a critical appraisal- Reply.** J Dermatolog Treat 2020:1-5. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878508>
27. Baeck M, Peeters C, Herman A. **Chilblains and COVID-19: further evidence against a causal association.** J Eur Acad Dermatol Venereol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866323>
28. Kubanov AA, Deryabin DG. **Skin manifestations in COVID-19 provide a clue for disease's pathophysiology understanding.** J Eur Acad Dermatol Venereol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869377>
29. Öksüm Solak E, Baran Ketencioglu B, Aslaner H *et al.* **Cutaneous Symptoms of Patients Diagnosed with Covid-19 in One Province: A Cross-Sectional Survey.** J Eur Acad Dermatol Venereol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869339>
30. Balaphas A, Gkoufa K, Meyer J *et al.* **Covid-19 can mimic acute cholecystitis and is associated with the presence of viral RNA in the gallbladder wall.** J Hepatol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890595>
31. Dell'Era V, Dosdegani R, Valletti PA, Garzaro M. **Epistaxis in hospitalized patients with COVID-19.** J. Int. Med. Res. 2020; 48:300060520951040.

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865072>
32. Zhan T, Liu M, Tang Y *et al.* **Retrospective analysis of clinical characteristics of 405 patients with COVID-19.** J. Int. Med. Res. 2020; 48:300060520949039. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865077>
 33. Krause M, Douin DJ, Kim KK *et al.* **Characteristics and Outcomes of Mechanically Ventilated COVID-19 Patients-An Observational Cohort Study.** J. Intensive Care Med. 2020:885066620954806. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873103>
 34. Tan JY, Sim XYJ, Liang En W *et al.* **A comparative study on the clinical features of COVID-19 with non-SARS-CoV-2 respiratory viral infections.** J Med Virol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881022>
 35. Asai N, Sakanashi D, Nakamura A *et al.* **Clinical manifestations and radiological features by chest computed tomographic findings of a novel coronavirus disease-19 pneumonia among 92 patients in Japan.** J Microbiol Immunol Infect 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868193>
 36. Lima MA, Silva MTT, Oliveira RV *et al.* **Smell dysfunction in COVID-19 patients: More than a yes-no question.** J Neurol Sci 2020; 418:117107. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866813>
 37. Nuzzi R, Carucci LL, Tripoli F. **COVID-19 and ocular implications: an update.** J Ophthalmic Inflamm Infect 2020; 10:20. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885277>
 38. Azari AA, Arabi A. **Conjunctivitis: A Systematic Review.** J Ophthalmic Vis Res 2020; 15:372-395. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864068>
 39. Ftiha F, Shalom M, Jradeh H. **Neurological symptoms due to Coronavirus disease 2019.** Neurol. Int. 2020; 12:8639. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874447>
 40. de Oliveira FAA, Palmeira DCC, Rocha-Filho PAS. **Headache and pleocytosis in CSF associated with COVID-19: case report.** Neurol Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875474>
 41. Benito-Pascual B, Gegúndez JA, Díaz-Valle D *et al.* **Panuveitis and Optic Neuritis as a Possible Initial Presentation of the Novel Coronavirus Disease 2019 (COVID-19).** Ocul Immunol Inflamm 2020; 28:922-925. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870739>
 42. Cavalleri M, Brambati M, Starace V *et al.* **Ocular Features and Associated Systemic Findings in SARS-CoV-2 Infection.** Ocul Immunol Inflamm 2020; 28:916-921. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870738>
 43. Ocansey S, Abu EK, Abraham CH *et al.* **Ocular Symptoms of SAR-CoV-2: Indication of Possible Ocular Transmission or Viral Shedding.** Ocul Immunol Inflamm 2020:1-11. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870054>
 44. Silver V, Chapple AG, Feibus AH *et al.* **Clinical Characteristics and Outcomes Based on Race of Hospitalized Patients With COVID-19 in a New Orleans Cohort.** Open Forum Infect Dis 2020; 7:ofaa339. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884965>
 45. Riad A, Kassem I, Hockova B *et al.* **Tongue Ulcers Associated with SARS-COV-2 Infection: A case-series.** Oral Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889763>
 46. Brandão Neto D, Fornazieri MA, Dib C *et al.* **Chemosensory Dysfunction in COVID-19: Prevalences, Recovery Rates, and Clinical Associations on a Large**

- Brazilian Sample.** Otolaryngol Head Neck Surg 2020:194599820954825.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867582>
47. Hu T, Liu Y, Zhao M *et al.* **A comparison of COVID-19, SARS and MERS.** PeerJ 2020; 8:e9725. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879801>
48. Ishiguro T, Takano K, Kagiya N *et al.* **Clinical Course and Findings of 14 Patients with COVID-19 Compared with 5 Patients with Conventional Human Coronavirus Pneumonia.** Respir Med Case Rep 2020:101207.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874906>
49. Cruz Tapia RO, Peraza Labrador AJ, Guimaraes DM, Matos Valdez LH. **Oral mucosal lesions in patients with SARS-CoV-2 infection. Report of four cases. Are they a true sign of COVID-19 disease?** Spec. Care Dentist. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32882068>
50. Wang X, Zheng J, Guo L *et al.* **Fecal viral shedding in COVID-19 patients: clinical significance, viral load dynamics and survival analysis.** Virus Res. 2020:198147. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866537>

CNS (29 articles)

1. Murta V, Villarreal A, Ramos AJ. **Severe Acute Respiratory Syndrome Coronavirus 2 Impact on the Central Nervous System: Are Astrocytes and Microglia Main Players or Merely Bystanders?** ASN Neuro 2020; 12:1759091420954960. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878468>
2. Ning X, Yu F, Huang Q *et al.* **The mental health of neurological doctors and nurses in Hunan Province, China during the initial stages of the COVID-19 outbreak.** BMC Psychiatry 2020; 20:436. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891124>
3. Onteddu SR, Nalleballe K, Siddamreddy S *et al.* **COVID-19 in patients with neurological disorders.** Brain Behav Immun Health 2020:100131.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864634>
4. Chachkhiani D, Soliman MY, Barua D *et al.* **Neurological complications in a predominantly African American sample of COVID-19 predict worse outcomes during hospitalization.** Clin. Neurol. Neurosurg. 2020; 197:106173.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877769>
5. Lord AS, Lombardi N, Evans K *et al.* **Keeping the team together: Transformation of an inpatient neurology service at an urban, multi-ethnic, safety net hospital in New York City during COVID-19.** Clin. Neurol. Neurosurg. 2020; 197:106156.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877768>
6. Anwar F, Naqvi S, Al-Abbasi FA *et al.* **Targeting COVID-19 in Parkinson's patients: Drugs repurposed.** Curr Med Chem 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881656>
7. Giorli A, Ferretti F, Biagini C *et al.* **A Literature Systematic Review with Meta-Analysis of Symptoms Prevalence in Covid-19: the Relevance of Olfactory Symptoms in Infection Not Requiring Hospitalization.** Curr. Treat. Options Neurol. 2020; 22:36. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874091>
8. Delorme C, Paccoud O, Kas A *et al.* **Covid-19-related encephalopathy: a case series with brain FDG-PET/CT findings.** Eur. J. Neurol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881133>
9. Dharsandiya M, Shah K, Patel K *et al.* **SARS-CoV-2 viral sepsis with meningoencephalitis.** Indian J. Med. Microbiol. 2020; 38:219-221.

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883938>
10. Bethoux F. **Editorial. Int J MS Care 2020; 22:xi.**
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863789>
 11. Thakolwiboon S, Zhao-Fleming H, Pan J *et al.* **Disease-Modifying Therapies During the COVID-19 Outbreak: A Narrative Review of International and National Recommendations. Int J MS Care 2020; 22:151-157.**
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863782>
 12. Li Y, Ji D, Cai W *et al.* **Clinical characteristics, cause analysis and infectivity of COVID-19 nucleic acid re-positive patients: A literature review. J Med Virol 2020.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890414>
 13. Del Prete E, Francesconi A, Palermo G *et al.* **Prevalence and impact of COVID-19 in Parkinson's disease: evidence from a multi-center survey in Tuscany region. J. Neurol. 2020.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880722>
 14. Lima MA, Silva MTT, Oliveira RV *et al.* **Smell dysfunction in COVID-19 patients: More than a yes-no question. J Neurol Sci 2020; 418:117107.**
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866813>
 15. Pinto S, Quintarelli S, Silani V. **New technologies and Amyotrophic Lateral Sclerosis - Which step forward rushed by the COVID-19 pandemic? J Neurol Sci 2020; 418:117081.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882437>
 16. Sharifian-Dorche M, Huot P, Osherov M *et al.* **Neurological complications of coronavirus infection; a comparative review and lessons learned during the COVID-19 pandemic. J Neurol Sci 2020; 417:117085.**
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32871412>
 17. Kumar A, Pareek V, Prasoon P *et al.* **Possible routes of SARS-CoV-2 invasion in brain: In context of neurological symptoms in COVID-19 patients. J. Neurosci. Res. 2020.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869376>
 18. Azizi SA, Azizi SA. **Neurological injuries in COVID-19 patients: direct viral invasion or a bystander injury after infection of epithelial/endothelial cells. J. Neurovirol. 2020.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876900>
 19. Levine A, Sacktor N, Becker JT. **Studying the neuropsychological sequelae of SARS-CoV-2: lessons learned from 35 years of neuroHIV research. J. Neurovirol. 2020.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880873>
 20. Sahraian MA, Azimi A, Navardi S *et al.* **Evaluation of the rate of COVID-19 infection, hospitalization and death among Iranian patients with multiple sclerosis. Mult Scler Relat Disord 2020; 46:102472.**
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32890817>
 21. Ftiha F, Shalom M, Jradeh H. **Neurological symptoms due to Coronavirus disease 2019. Neurol. Int. 2020; 12:8639.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874447>
 22. de Oliveira FAA, Palmeira DCC, Rocha-Filho PAS. **Headache and pleocytosis in CSF associated with COVID-19: case report. Neurol Sci 2020.**
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32875474>
 23. Rahimi K. **Guillain-Barre syndrome during COVID-19 pandemic: an overview of the reports. Neurol Sci 2020.** <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876777>
 24. Sultana S, Ananthapur V. **COVID-19 and its impact on neurological manifestations and mental health: the present scenario. Neurol Sci 2020.**
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32865638>
 25. Benito-Pascual B, Gegúndez JA, Díaz-Valle D *et al.* **Panuveitis and Optic Neuritis as a Possible Initial Presentation of the Novel Coronavirus Disease 2019**

- (**COVID-19**). Ocul Immunol Inflamm 2020; 28:922-925.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32870739>
26. Brandão Neto D, Fornazieri MA, Dib C *et al.* **Chemosensory Dysfunction in COVID-19: Prevalences, Recovery Rates, and Clinical Associations on a Large Brazilian Sample.** Otolaryngol Head Neck Surg 2020:194599820954825.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867582>
27. Llansó L, Urra X. **Posterior Reversible Encephalopathy Syndrome in COVID-19 Disease: a Case-Report.** SN Compr Clin Med 2020:1-3.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864576>
28. Hamdy SM, Abdel-Naseer M, Shehata HS *et al.* **Management Strategies of Patients with Neuromyelitis Optica Spectrum Disorder During the COVID-19 Pandemic Era.** Ther. Clin. Risk Manag. 2020; 16:759-767.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32884277>
29. Jayakumar N, Kennion O, Villabona AR *et al.* **Neurosurgical referral patterns during the COVID-19 pandemic: A United Kingdom experience.** World Neurosurg 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890845>

Coagulation (33 articles)

1. Cetinkal G, Kocas BB, Ser OS *et al.* **Assessment of the Modified CHA2DS2VASc Risk Score in Predicting Mortality in Patients Hospitalized with COVID-19.** Am. J. Cardiol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861734>
2. Elsaid O, McCullough PA, Tecson KM *et al.* **Ventricular Fibrillation Storm in Coronavirus 2019.** Am. J. Cardiol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871109>
3. Adams E, Broce M, Mousa A. **Proposed Algorithm for Treatment of Pulmonary Embolism in COVID-19 Patients.** Ann. Vasc. Surg. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891745>
4. Etkin Y, Conway AM, Silpe J *et al.* **Acute arterial thromboembolism in patients with COVID-19 in the New York City area.** Ann. Vasc. Surg. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866580>
5. Patel P, Yu Y, Zia S *et al.* **Systemic Thrombolysis as Initial Treatment of COVID-19 Associated Acute Aortoiliac and Lower Extremity Arterial Thrombosis.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861850>
6. Qing Pang JH, Tang JH, Eugene-Fan B *et al.* **A peculiar case of small bowel stricture in a COVID-19 patient with congenital adhesion band and superior mesenteric vein thrombosis.** Ann. Vasc. Surg. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861849>
7. Singh B, Aly R, Kaur P *et al.* **COVID-19 Infection and Arterial Thrombosis: Report of three cases.** Ann. Vasc. Surg. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32889160>
8. Lazzaroni MG, Piantoni S, Masneri S *et al.* **Coagulation dysfunction in COVID-19: The interplay between inflammation, viral infection and the coagulation system.** Blood Rev. 2020:100745. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868115>
9. Aliter KF, Al-Horani RA. **Thrombin Inhibition by Argatroban: Potential Therapeutic Benefits in COVID-19.** Cardiovasc. Drugs Ther. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32870433>

10. Rosovsky RP, Grodzin C, Channick R *et al.* **Diagnosis and Treatment of Pulmonary Embolism During the COVID-19 Pandemic: A Position Paper from the National PERT Consortium.** *Chest* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861692>
11. Mauro A, De Grazia F, Lenti MV *et al.* **Upper gastrointestinal bleeding in COVID-19 inpatients: Incidence and management in a multicenter experience from Northern Italy.** *Clin Res Hepatol Gastroenterol* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32888875>
12. Theoharides TC, Antonopoulou S, Demopoulos CA. **Coronavirus 2019, Microthromboses, and Platelet Activating Factor.** *Clin. Ther.* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32883529>
13. Shi C, Wang C, Wang H *et al.* **The potential of low molecular weight heparin to mitigate cytokine storm in severe COVID-19 patients: a retrospective cohort study.** *Clin Transl Sci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881340>
14. Gogia B, Fang X, Rai P. **Intracranial Hemorrhage in a Patient With COVID-19: Possible Explanations and Considerations.** *Cureus* 2020; 12:e10159.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32884879>
15. Koche M, Bechmann S, Omoruyi IS. **Bilateral Pulmonary Embolism in a Discharged Patient With Resolved COVID-19 Pneumonia.** *Cureus* 2020; 12:e9406. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864235>
16. Onkarappa Mangala Y, Daid SS, Lakshmanan S *et al.* **Acute Pulmonary Embolism in COVID-19: A Report of Two Cases.** *Cureus* 2020; 12:e9459.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874791>
17. Singh G, Attique HB, Gadela NV *et al.* **COVID-19 Related Arterial Coagulopathy.** *Cureus* 2020; 12:e9490. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879814>
18. Terrigno VR, Tan JL, Singh D, Sabir SA. **Right Atrial Thrombus in a Patient With COVID-19.** *Cureus* 2020; 12:e9441. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864265>
19. Veerabathini BC, Manthani K, Gandhi S. **An Unusual Case of Moraxella osloensis Bacteremia in an Immunocompetent Patient With SARS-CoV-2 Infection.** *Cureus* 2020; 12:e10154. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884878>
20. De la Corte-Rodriguez H, Alvarez-Roman MT, Rodriguez-Merchan EC, Jimenez-Yuste V. **What COVID-19 can mean for people with hemophilia beyond the infection risk.** *Expert Rev. Hematol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862729>
21. Dauerman HL. **The Unbearable Thrombus of COVID-19: Primary PCI, Thrombus, and COVID-19.** *J Am Coll Cardiol* 2020; 76:1177-1180.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32883410>
22. Zhang Z, Xi L, Zhang S *et al.* **Awareness and Prophylaxis of Venous Thromboembolism in Patients with COVID-19: A National Cross-Sectional Survey in Epidemic Era.** *J Atheroscler Thromb* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863290>
23. Ferguson J, Volk S, Vondracek T *et al.* **Empiric therapeutic anticoagulation and mortality in critically ill patients with respiratory failure from SARS-CoV-2: A retrospective cohort study.** *J. Clin. Pharmacol.* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32885463>
24. Zhang S, Liu Y, Wang X *et al.* **SARS-CoV-2 binds platelet ACE2 to enhance thrombosis in COVID-19.** *J. Hematol. Oncol.* 2020; 13:120.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32887634>

25. Kow CS, Zaihan AF, Hasan SS. **Anticoagulant approach in COVID-19 patients with cerebral venous thrombosis.** *J. Stroke Cerebrovasc. Dis.* 2020:105222. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891494>
26. Calabrese F, Fortarezza F, Giraudo C *et al.* **Two sorts of microthrombi in a COVID-19 patient with lung cancer.** *J Thorac Oncol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866652>
27. Ferraro F, Patella F, Costa JR *et al.* **Modulation of endothelial organelle size as an antithrombotic strategy.** *J Thromb Haemost* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881285>
28. Thachil J, Juffermans NP, Ranucci M *et al.* **ISTH DIC subcommittee communication on anticoagulation in COVID-19.** *J Thromb Haemost* 2020; 18:2138-2144. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881336>
29. Tritschler T, Mathieu ME, Skeith L *et al.* **Anticoagulant interventions in hospitalized patients with COVID-19: A scoping review of randomized controlled trials and call for international collaboration.** *J Thromb Haemost* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888372>
30. Varikasuvu SR, Varshney S, Dutt N. **Markers of coagulation dysfunction and inflammation in diabetic and non-diabetic COVID-19.** *J. Thromb. Thrombolysis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889620>
31. Al-Otaibi M, Iftikhar O, Brailovsky Y *et al.* **Catheter-Directed Thrombolysis of Iliocaval Thrombosis in Patients with COVID-19.** *JACC Case Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864630>
32. Chen EC, Zon RL, Battinelli EM, Connors JM. **Approach to the Patient with COVID-19-Associated Thrombosis: A Case-Based Review.** *Oncologist* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881209>
33. Beckman M, Nyrén S, Kistner A. **A case-report of widespread pulmonary embolism in a middle-aged male seven weeks after asymptomatic suspected COVID 19 infection.** *Thromb J* 2020; 18:19. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868974>

Complications (71 articles)

1. Larsson E, Brattström O, Agvald-Öhman C *et al.* **Characteristics and outcomes of patients with COVID-19 admitted to ICU in a tertiary hospital in Stockholm, Sweden.** *Acta Anaesthesiol. Scand.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892337>
2. Davoli F, Poletti V, Stella F. **Three-chamber chest drain system in the COVID-19 era: is there a risk of further transmission?** *Adv Respir Med* 2020; 88:366-368. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869274>
3. Chaïbi K, Dao M, Pham T *et al.* **Severe Acute Kidney Injury in COVID-19 Patients with Acute Respiratory Distress Syndrome.** *Am J Respir Crit Care Med* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866028>
4. Adams E, Broce M, Mousa A. **Proposed Algorithm for Treatment of Pulmonary Embolism in COVID-19 Patients.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891745>
5. Cheruiyot I, Kipkorir V, Ngure B *et al.* **Arterial Thrombosis in Coronavirus disease 2019 (COVID-19) Patients: A Rapid Systematic Review.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866574>

6. Etkin Y, Conway AM, Silpe J *et al.* **Acute arterial thromboembolism in patients with COVID-19 in the New York City area.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866580>
7. Qing Pang JH, Tang JH, Eugene-Fan B *et al.* **A peculiar case of small bowel stricture in a COVID-19 patient with congenital adhesion band and superior mesenteric vein thrombosis.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861849>
8. Singh B, Aly R, Kaur P *et al.* **COVID-19 Infection and Arterial Thrombosis: Report of three cases.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889160>
9. Sharifipour E, Shams S, Esmkhani M *et al.* **Evaluation of bacterial co-infections of the respiratory tract in COVID-19 patients admitted to ICU.** BMC Infect. Dis. 2020; 20:646. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873235>
10. Ronnje L, Länsberg JK, Vikhareva O *et al.* **Complicated COVID-19 in pregnancy: a case report with severe liver and coagulation dysfunction promptly improved by delivery.** BMC Pregnancy Childbirth 2020; 20:511. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887569>
11. Flaatten H, Beil M, Guidet B. **Prognostication in older ICU patients: mission impossible?** Br J Anaesth 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868042>
12. Bicudo N, Bicudo E, Costa JD *et al.* **Co-infection of SARS-CoV-2 and dengue virus: a clinical challenge.** Braz. J. Infect. Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866435>
13. Cipolat MM, Sprinz E. **COVID-19 pneumonia in an HIV-positive woman on antiretroviral therapy and undetectable viral load in Porto Alegre, Brazil.** Braz. J. Infect. Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866436>
14. Ahmad I, Jeyarajah J, Nair G *et al.* **A prospective, observational, cohort study of airway management of patients with COVID-19 by specialist tracheal intubation teams.** Can J Anaesth 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886298>
15. Aliter KF, Al-Horani RA. **Thrombin Inhibition by Argatroban: Potential Therapeutic Benefits in COVID-19.** Cardiovasc. Drugs Ther. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870433>
16. Qureshi WT, Al-Drugh S, Ogunsua A *et al.* **Post myocardial infarction complications during the COVID-19 pandemic - A case series.** Cardiovasc. Revasc. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863191>
17. Gogia B, Fang X, Rai P. **Intracranial Hemorrhage in a Patient With COVID-19: Possible Explanations and Considerations.** Cureus 2020; 12:e10159. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884879>
18. Koche M, Bechmann S, Omoruyi IS. **Bilateral Pulmonary Embolism in a Discharged Patient With Resolved COVID-19 Pneumonia.** Cureus 2020; 12:e9406. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864235>
19. Lutfi F, Benyounes A, Farrukh N *et al.* **Agranulocytosis Following COVID-19 Recovery.** Cureus 2020; 12:e9463. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874794>
20. Meegada S, Muppidi V, Wilkinson DC, 3rd *et al.* **Coronavirus Disease 2019-Induced Rhabdomyolysis.** Cureus 2020; 12:e10123. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879836>

21. Onkarappa Mangala Y, Daid SS, Lakshmanan S *et al.* **Acute Pulmonary Embolism in COVID-19: A Report of Two Cases.** Cureus 2020; 12:e9459. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874791>
22. Veerabathini BC, Manthani K, Gandhi S. **An Unusual Case of Moraxella osloensis Bacteremia in an Immunocompetent Patient With SARS-CoV-2 Infection.** Cureus 2020; 12:e10154. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884878>
23. Vudayagiri L, Gusz J. **COVID-19 Positive in Nasopharyngeal Swab but Negative in Peritoneal Fluid: Case Report of Perforated Appendicitis.** Cureus 2020; 12:e9412. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864241>
24. Murgo S, Lheureux O, Taccone F *et al.* **Haemoptysis treated by bronchial artery embolisation in severe acute respiratory syndrome coronavirus 2: case report.** CVIR Endovasc 2020; 3:61. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889589>
25. Elmas Ö F, Demirbaş A, Türsen Ü *et al.* **Pemphigus and COVID-19: Critical overview of management with a focus on treatment choice.** Dermatol Ther 2020:e14265. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882079>
26. Schenk M. **Beatmete Patienten: Ursachen der COVID-19-Mortalität.** Deutsches Arzteblatt International 2020; 117:A1554-A1556.
27. Salunke AA, Warikoo V, Kumar Pathak S *et al.* **A proposed ABCD scoring system for better triage of patients with COVID-19: Use of clinical features and radiopathological findings.** Diabetes Metab Syndr 2020; 14:1637-1640. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892061>
28. Šifrer R, Urbančič J, Piazza C *et al.* **Emergent tracheostomy during the pandemic of COVID-19: Slovenian National Recommendations.** Eur Arch Otorhinolaryngol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889621>
29. Dupley L, Oputa TJ, Bourne JT. **30-day mortality for fractured neck of femur patients with concurrent COVID-19 infection.** Eur. J. Orthop. Surg. Traumatol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886249>
30. Pudzuhn A, Voegeler S, Berger C *et al.* **Elective tracheostomy in COVID-19 patients: experience with a standardized interdisciplinary approach.** HNO 2020.
31. Mooney B, Lawrence C, Johnson EG *et al.* **How COVID-19 Patients Were Moved to Speak: A Rehabilitation Interdisciplinary Case Series.** HSS J. 2020:1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868977>
32. Abdalla S, Almaslamani MA, Hashim SM *et al.* **Fatal Coronavirus Disease 2019-associated Pulmonary Aspergillosis; A Report of Two Cases and Review of the Literature.** IDCases 2020; 22:e00935. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864340>
33. Dharsandiya M, Shah K, Patel K *et al.* **SARS-CoV-2 viral sepsis with meningoencephalitis.** Indian J. Med. Microbiol. 2020; 38:219-221. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883938>
34. Kayuni SA, O'Ferrall AM, Baxter H *et al.* **An outbreak of intestinal schistosomiasis, alongside increasing urogenital schistosomiasis prevalence, in primary school children on the shoreline of Lake Malawi, Mangochi District, Malawi.** Infect Dis Poverty 2020; 9:121. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867849>
35. Torres JP, Izquierdo G, Acuña M *et al.* **Multisystem inflammatory syndrome in children (MIS-C): Report of the clinical and epidemiological characteristics of cases in Santiago de Chile during the SARS-CoV-2 pandemic.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861823>

36. Vardanyan R, Arjomandi Rad A, Wilson F. **Chronic lymphocytic leukaemia in COVID-19.** Int. J. Lab. Hematol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881278>
37. Cioffi A, Rinaldi R. **COVID-19 and healthcare-associated infections.** Int. J. Risk Saf. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865185>
38. Bauer J, Brüggmann D, Klingelhöfer D *et al.* **Access to intensive care in 14 European countries: a spatial analysis of intensive care need and capacity in the light of COVID-19.** Intensive Care Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886208>
39. Keller KG, Reangsing C, Schneider JK. **Clinical Presentation and Outcomes of Hospitalized Adults with COVID-19: A systematic review.** J. Adv. Nurs. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881050>
40. Aoyama H, Uchida K. **Respiratory characteristics and related intraoperative ventilatory management for patients with COVID-19 pneumonia.** J. Anesth. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865700>
41. Mejía-Terrazas GE, López-Muñoz E. **Supplemental oxygen in surgical patients with COVID-19.** J. Anesth. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862273>
42. Liu Y, Chen P, Mutar M *et al.* **Ischemic Necrosis of Lower Extremity in COVID-19: A Case Report.** J Atheroscler Thromb 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863298>
43. Fiore A, Piscitelli M, Adodo DK *et al.* **Successful Use of Extracorporeal Membrane Oxygenation Postpartum as Rescue Therapy in a Woman With COVID-19.** J Cardiothorac Vasc Anesth 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888800>
44. McGrath BA, Pelosi P, Schultz MJ, Brenner MJ. **Preoperative apnea trial and considerations regarding timing of tracheostomy in anesthetic planning for patient with COVID-19 disease.** J. Clin. Anesth. 2020; 67:110013. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890938>
45. Taboada M, Rodríguez N, Riveiro V *et al.* **Short-term outcomes of 50 patients with acute respiratory distress by COVID-19 where prone positioning was used outside the ICU.** J. Clin. Anesth. 2020; 67:110028. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882504>
46. Hosoba R, Makita S, Shiotsuka M *et al.* **COVID-19 pneumonia in a patient with adult T-cell leukemia-lymphoma.** J. Clin. Exp. Hematop. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879154>
47. Lee YH, Choi KJ, Choi SH *et al.* **Clinical Significance of Timing of Intubation in Critically Ill Patients with COVID-19: A Multi-Center Retrospective Study.** J Clin Med 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887462>
48. Barnett WR, Radhakrishnan M, Macko J *et al.* **Initial MEWS score to predict ICU admission or transfer of hospitalized patients with COVID-19: a retrospective study.** J Infect 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888979>
49. Krause M, Douin DJ, Kim KK *et al.* **Characteristics and Outcomes of Mechanically Ventilated COVID-19 Patients-An Observational Cohort Study.** J. Intensive Care Med. 2020:885066620954806. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873103>
50. Abbas HM, Nassir KF, Al Khames Aga QA *et al.* **Presenting characteristics, smoking versus diabetes and outcome among patients hospitalized with COVID-19.** J Med Virol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886365>

51. Estofolete CF, Machado LF, Zini N *et al.* **Fatal stroke as presentation of SARS-CoV-2 and dengue virus coinfection.** J Med Virol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881018>
52. Azizi SA, Azizi SA. **Neurological injuries in COVID-19 patients: direct viral invasion or a bystander injury after infection of epithelial/endothelial cells.** J. Neurovirol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876900>
53. Calabrese F, Fortarezza F, Giraudo C *et al.* **Two sorts of microthrombi in a COVID-19 patient with lung cancer.** J Thorac Oncol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866652>
54. Tritschler T, Mathieu ME, Skeith L *et al.* **Anticoagulant interventions in hospitalized patients with COVID-19: A scoping review of randomized controlled trials and call for international collaboration.** J Thromb Haemost 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888372>
55. Manenti A, Farinetti A, Manco G, Mattioli A. **Vasculitis and aortitis: Covid-19 challenging complications.** J. Vasc. Surg. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32889075>
56. Seo J, Son M. **Update on association between exposure to renin-angiotensin-aldosterone system inhibitors and coronavirus disease 2019 in South Korea.** Korean J. Intern. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872736>
57. Sahraian MA, Azimi A, Navardi S *et al.* **Evaluation of the rate of COVID-19 infection, hospitalization and death among Iranian patients with multiple sclerosis.** Mult Scler Relat Disord 2020; 46:102472.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32890817>
58. Rahimi K. **Guillain-Barre syndrome during COVID-19 pandemic: an overview of the reports.** Neurol Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876777>
59. Silver V, Chapple AG, Feibus AH *et al.* **Clinical Characteristics and Outcomes Based on Race of Hospitalized Patients With COVID-19 in a New Orleans Cohort.** Open Forum Infect Dis 2020; 7:ofaa339.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32884965>
60. Gräfe VKA. **COVID-19 patients: Recommendations from intensive care physicians.** Pharm. Ztg. 2020; 165:42.
61. Varikasuvu SR, Dutt N, Thangappazham B, Varshney S. **Diabetes and COVID-19: A pooled analysis related to disease severity and mortality.** Prim. Care Diabetes 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891525>
62. Chiang SS, Aboutanos MB, Jawa RS *et al.* **Controversies in Tracheostomy for Patients With COVID-19: The When, Where, and How.** Respir. Care 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32873749>
63. Faqih F, Alharthy A, Pirompanich P *et al.* **Co-infection of SARS-CoV-2 and Bordetella bronchiseptica in a young man with idiopathic non-cystic bronchiectasis and vitamin D(3) deficiency.** Respir Med Case Rep 2020:101203.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874904>
64. Ishiguro T, Takano K, Kagiya N *et al.* **Clinical Course and Findings of 14 Patients with COVID-19 Compared with 5 Patients with Conventional Human Coronavirus Pneumonia.** Respir Med Case Rep 2020:101207.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874906>
65. Fang Z, Li AI, Wang H *et al.* **AmbuBox: A Fast-Deployable Low-Cost Ventilator for COVID-19 Emergent Care.** SLAS Technol 2020:2472630320953801.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32882150>

66. Noll E, Muccioli C, Ludes PO *et al.* **Surgical Support for Severe COVID-19 Patients: A Retrospective Cohort Study in a French High-Density COVID-19 Cluster.** Surg. Innov. 2020;1553350620954571.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877312>
67. Cao J, Zheng Y, Luo Z *et al.* **Myocardial injury and COVID-19: Serum hs-cTnI level in risk stratification and the prediction of 30-day fatality in COVID-19 patients with no prior cardiovascular disease.** Theranostics 2020; 10:9663-9673.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863952>
68. Beckman M, Nyrén S, Kistner A. **A case-report of widespread pulmonary embolism in a middle-aged male seven weeks after asymptomatic suspected COVID 19 infection.** Thromb J 2020; 18:19. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868974>
69. Liu AL, Xu N, Li AJ. **COVID-19 with asthma: A case report.** World J Clin Cases 2020; 8:3355-3364. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874993>
70. Peng M, Ren D, Liu YF *et al.* **Two mechanically ventilated cases of COVID-19 successfully managed with a sequential ventilation weaning protocol: Two case reports.** World J Clin Cases 2020; 8:3305-3313.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874986>
71. Alkhaibary A, Abbas M, Ahmed ME *et al.* **Common Carotid Artery Occlusion in a Young Patient: Can Large-Vessel Stroke be the Initial Clinical Manifestation of COVID-19?** World Neurosurg 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889184>

Cured – Recovered (8 articles)

1. Lutfi F, Benyounes A, Farrukh N *et al.* **Agranulocytosis Following COVID-19 Recovery.** Cureus 2020; 12:e9463. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874794>
2. Uppal H, Rai S. **Role of Rehabilitation during COVID-19 pandemic: An Indian Perspective.** Disaster Med Public Health Prep 2020:1-11.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32873367>
3. Nakayama A, Takayama N, Kobayashi M *et al.* **Remote cardiac rehabilitation is a good alternative of outpatient cardiac rehabilitation in the COVID-19 era.** Environ. Health Prev. Med. 2020; 25:48. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891113>
4. Zou L, Sun J, Liu Y *et al.* **Surviving 2019 novel coronavirus pneumonia: A successful critical case report.** Heart Lung 2020; 49:692-695.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861887>
5. Cheng YY, Chen CM, Huang WC *et al.* **Rehabilitation programs for patients with COronaVirus Disease 2019: consensus statements of Taiwan Academy of Cardiovascular and Pulmonary Rehabilitation.** J Formos Med Assoc 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863084>
6. Schein F, Munoz-Pons H, Mahinc C *et al.* **Fatal aspergillosis complicating severe SARS-CoV-2 infection: A case report.** J. Mycol. Med. 2020:101039.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861584>
7. Zhu Y, Wang Z, Zhou Y *et al.* **Summary of respiratory rehabilitation and physical therapy guidelines for patients with COVID-19 based on recommendations of World Confederation for Physical Therapy and National Association of**

Physical Therapy. J Phys Ther Sci 2020; 32:545-549.

<http://www.ncbi.nlm.nih.gov/pubmed/?term=32884178>

8. Cook JA, Jonikas JA. **The Importance of Psychiatric Rehabilitation Services During and After the COVID-19 Pandemic.** Psychiatr. Serv. 2020; 71:883-884. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867612>

Diagnosis (6 articles)

1. Sampaio S, Dias AM, de Freitas R *et al.* **Evaluation of the Criteria Adopted to Identify Suspected Cases of COVID-19 in the Emergency Department Service of a Referral Palliative Oncology Care Unit.** Am. J. Hosp. Palliat. Care 2020:1049909120957310. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875819>
2. Fields BKK, Demirjian NL, Gholamrezanezhad A. **Coronavirus Disease 2019 (COVID-19) diagnostic technologies: A country-based retrospective analysis of screening and containment procedures during the first wave of the pandemic.** Clin Imaging 2020; 67:219-225. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871426>
3. Abdel-Basst M, Mohamed R, Elhoseny M. **A model for the effective COVID-19 identification in uncertainty environment using primary symptoms and CT scans.** Health Informatics J 2020:1460458220952918. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883174>
4. Tran TA, Cezar R, Frandon J *et al.* **CT scan does not make a diagnosis of Covid-19: a cautionary case report.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890723>
5. Shi YJ, Wang H. **Progress in the diagnosis and treatment of COVID-19 and the role of surgeons in the front line of the pandemic.** Surg. Today 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886210>

DM-MS-Obesity (15 articles)

1. Pugliese G, Vitale M, Resi V, Orsi E. **Is diabetes mellitus a risk factor for CoronaVirus Disease 19 (COVID-19)?** Acta Diabetol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865671>
2. Wilson TE, Mulye M, Akbar S. **Opportunistic physiology: inserting physiology and pathophysiology content into virtually delivered clinical rotations.** Adv. Physiol. Educ. 2020; 44:545-549. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880484>
3. Hussain S, Baxi H, Chand Jamali M *et al.* **Burden of diabetes mellitus and its impact on COVID-19 patients: A meta-analysis of real-world evidence.** Diabetes Metab Syndr 2020; 14:1595-1602. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862098>
4. Chowdhury TA, Waqar S, Hussain S *et al.* **COVID-19, Diabetes and Ramadan.** Diabetes Ther. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880875>
5. Alessi J, de Oliveira GB, Franco DW *et al.* **Mental health in the era of COVID-19: prevalence of psychiatric disorders in a cohort of patients with type 1 and type 2 diabetes during the social distancing.** Diabetol. Metab. Syndr. 2020; 12:76. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879637>
6. Buetti N, Trimboli P, Mazzuchelli T *et al.* **Diabetes mellitus is a risk factor for prolonged SARS-CoV-2 viral shedding in lower respiratory tract samples of**

- critically ill patients.** Endocrine 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870469>
7. Schmidt BM, Munson ME, Rothenberg GM *et al.* **Strategies to reduce severe diabetic foot infections and complications during epidemics (STRIDE).** J. Diabetes Complications 2020:107691. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883566>
 8. Barrera FJ, Shekhar S, Wurth R *et al.* **Prevalence of Diabetes and Hypertension and Their Associated Risks for Poor Outcomes in Covid-19 Patients.** J Endocr Soc 2020; 4:bvaa102. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885126>
 9. Abbas HM, Nassir KF, Al Khames Aga QA *et al.* **Presenting characteristics, smoking versus diabetes and outcome among patients hospitalized with COVID-19.** J Med Virol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886365>
 10. Varikasuvu SR, Varshney S, Dutt N. **Markers of coagulation dysfunction and inflammation in diabetic and non-diabetic COVID-19.** J. Thromb. Thrombolysis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889620>
 11. Fresán U, Guevara M, Elía F *et al.* **Independent role of morbid obesity as a risk factor for COVID-19 hospitalization: a Spanish population-based cohort study.** Obesity (Silver Spring) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885905>
 12. John JE, John NA. **Imminent risk of COVID-19 in diabetes mellitus and undiagnosed diabetes mellitus patients.** Pan Afr. Med. J. 2020; 36:158. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874422>
 13. Varikasuvu SR, Dutt N, Thangappazham B, Varshney S. **Diabetes and COVID-19: A pooled analysis related to disease severity and mortality.** Prim. Care Diabetes 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891525>
 14. Liu G, Zhang S, Hu H *et al.* **The role of neutrophil-lymphocyte ratio and lymphocyte-monocyte ratio in the prognosis of type 2 diabetics with COVID-19.** Scott. Med. J. 2020:36933020953516. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865157>
 15. Flaherty GT, Hession P, Liew CH *et al.* **COVID-19 in adult patients with pre-existing chronic cardiac, respiratory and metabolic disease: a critical literature review with clinical recommendations.** Trop Dis Travel Med Vaccines 2020; 6:16. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868984>

Education and training and science (44 articles)

1. Lieberman JA, Nester T, Emrich B *et al.* **Coping With COVID-19.** Am J Clin Pathol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876671>
2. Samueli B, Srour N, Jotkowitz A, Taragin B. **Remote pathology education during the COVID-19 era: Crisis converted to opportunity.** Ann. Diagn. Pathol. 2020; 49:151612. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891922>
3. Mansourzadeh MJ, Shamsi A. **Concerns About Research Ethics in COVID-19 Publications.** Asia Pac. J. Public Health 2020:1010539520956439. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864989>
4. Marvin MC. **Microsoft OneNote provides continuity for undergraduate biochemistry lab during a pandemic.** Biochem Mol Biol Educ 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875667>
5. Henderson MK, Kozlakidis Z, Fachiroh J *et al.* **The Responses of Biobanks to COVID-19.** Biopreserv. Biobank. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871085>

6. Rai SN, Qian C, Pan J *et al.* **Statistical design of Phase II/III clinical trials for testing therapeutic interventions in COVID-19 patients.** BMC Med. Res. Methodol. 2020; 20:220. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867708>
7. Patankar A, Modi P, Uppe A *et al.* **COVID-19 and Management of Severe Acute Respiratory Infection (SARI): A Questionnaire-Based Study Among Indian Healthcare Professionals.** Curr Health Sci J 2020; 46:156-166. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874688>
8. Chattopadhyay PK, Filby A, Jellison ER *et al.* **A Cytometrist's Guide to Coordinating and Performing Effective COVID-19 Research.** Cytometry A 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881296>
9. de Almeida-Pititto B, Dualib PM, Zajdenverg L *et al.* **Severity and mortality of COVID 19 in patients with diabetes, hypertension and cardiovascular disease: a meta-analysis.** Diabetol. Metab. Syndr. 2020; 12:75. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874207>
10. Martin A, Blom IM, Whyatt G *et al.* **A rapid systematic review exploring the involvement of medical students in pandemics and other global health emergencies.** Disaster Med Public Health Prep 2020:1-30. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873349>
11. Ruiz-Real JL, Nievas-Soriano BJ, Uribe-Toril J. **Has Covid-19 Gone Viral? An Overview of Research by Subject Area.** Health Educ. Behav. 2020:1090198120958368. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886013>
12. Amalakanti S, Raman Arepalli KV, Koppolu RK. **Gender and occupation predict Coronavirus Disease 2019 knowledge, attitude and practices of a cohort of a South Indian state population.** Indian J. Med. Microbiol. 2020; 38:144-151. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883926>
13. Kumar S, More A, Harikar M. **The Impact of COVID-19 and Lockdown on Plastic Surgery Training and Practice in India.** Indian J. Plast. Surg. 2020; 53:273-279. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884194>
14. Jarab AS, Al-Qerem W, Mukattash TL, Al-Hajjeh DM. **Pharmacy and Pharm.D students' knowledge and information needs about COVID-19.** Int J Clin Pract 2020:e13696. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891073>
15. Bao X, Qu H, Zhang R, Hogan TP. **Modeling Reading Ability Gain in Kindergarten Children during COVID-19 School Closures.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882960>
16. Malik UR, Atif N, Hashmi FK *et al.* **Knowledge, Attitude, and Practices of Healthcare Professionals on COVID-19 and Risk Assessment to Prevent the Epidemic Spread: A Multicenter Cross-Sectional Study from Punjab, Pakistan.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887410>
17. Sundarasan S, Chinna K, Kamaludin K *et al.* **Psychological Impact of COVID-19 and Lockdown among University Students in Malaysia: Implications and Policy Recommendations.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867024>
18. Singhi EK, Dupuis MM, Ross JA *et al.* **Medical Hematology/Oncology Fellows' Perceptions of Online Medical Education During the COVID-19 Pandemic.** J. Cancer Educ. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888144>
19. Bailey SC, Serper M, Opsasnick L *et al.* **Changes in COVID-19 Knowledge, Beliefs, Behaviors, and Preparedness Among High-Risk Adults from the Onset**

- to the Acceleration Phase of the US Outbreak.** J Gen Intern Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875509>
20. Aboyeji FO. **Access to Health and Medical Research: Lessons from the COVID-19 Pandemic.** J. Law Med. 2020; 27:901-913. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880408>
21. Freckelton I. **Perils of Precipitate Publication: Fraudulent and Substandard COVID-19 Research.** J. Law Med. 2020; 27:779-789. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880397>
22. Freckelton I, Raposo VL. **International Access to Public Health Data: An Important Brazilian Legal Precedent.** J. Law Med. 2020; 27:895-900. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880407>
23. Nicol D, Chalmers D, Critchley C *et al.* **Australian Perspectives on the Ethical and Regulatory Considerations for Responsible Data Sharing in Response to the COVID-19 Pandemic.** J. Law Med. 2020; 27:829-838. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880401>
24. Rafi AM, Varghese PR, Kuttichira P. **The Pedagogical Shift During COVID 19 Pandemic: Online Medical Education, Barriers and Perceptions in Central Kerala.** J Med Educ Curric Dev 2020; 7:2382120520951795. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885046>
25. Tay YX, Sng LH, Chow HC, Zainuldin MR. **Clinical placements for undergraduate diagnostic radiography students amidst the COVID-19 pandemic in Singapore: Preparation, challenges and strategies for safe resumption.** J Med Imaging Radiat Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868260>
26. Clift AK. **Deriving 'definitive' results in observational COVID-19 research: a problematic endeavour.** J Med Virol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881011>
27. García-Martín M, Roman P, Rodriguez-Arrastia M *et al.* **Novice nurse's transitioning to emergency nurse during COVID-19 pandemic: a qualitative study.** J. Nurs. Manag. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881134>
28. Reed AJM, Chan JKK. **Plastic surgery training during COVID-19: Challenges and novel learning opportunities.** J. Plast. Reconstr. Aesthet. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891551>
29. Aucejo EM, French J, Araya MPU, Zafar B. **The Impact of COVID-19 on Student Experiences and Expectations: Evidence from a Survey.** J Public Econ 2020;104271. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873994>
30. Nnamani Silva ON, Hernandez S, Kim EH *et al.* **Surgery Clerkship Curriculum Changes at an Academic Institution during the COVID-19 Pandemic.** J Surg Educ 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888850>
31. Vervoort D, Dearani JA, Starnes VA *et al.* **Brave New World: Virtual conferencing and surgical education in the Coronavirus Disease 2019 era.** J. Thorac. Cardiovasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891447>
32. Martin A, Lang E, Ramsauer B *et al.* **Kontinuierliche medizinische Fortbildung in der Dermatologie für Ärzte und Studierende während der Coronavirus-Pandemie – eine große Herausforderung.** JDDG - Journal of the German Society of Dermatology 2020; 18:835-840.
33. He L, Yang N, Xu L *et al.* **Synchronous distance education vs. traditional education for health science students: A systematic review and meta-analysis.** Med. Educ. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881047>

34. Perrone MA, Youssefzadeh K, Serrano B *et al.* **The Impact of COVID-19 on the Sports Medicine Fellowship Class of 2020.** Orthop J Sports Med 2020; 8:2325967120939901. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874996>
35. Gombos K, Herczeg R, Eróss B *et al.* **Translating Scientific Knowledge to Government Decision Makers Has Crucial Importance in the Management of the COVID-19 Pandemic.** Popul Health Manag 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882160>
36. **COVID-19: Information of the Thoracic Imaging Section of the German Radiological Society.** RoFo Fortschritte auf dem Gebiet der Rontgenstrahlen und der Bildgebenden Verfahren 2020; 192:355.
37. Laloo R, Giorga A, Williams A *et al.* **Virtual surgical education for core surgical trainees in the Yorkshire deanery during the COVID-19 pandemic.** Scott. Med. J. 2020:36933020951927. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878576>
38. Majid S, Farooq R, Khan MS *et al.* **Managing the COVID-19 Pandemic: Research Strategies Based on the Evolutionary and Molecular Characteristics of Coronaviruses.** SN Compr Clin Med 2020:1-10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864575>
39. Coleman BC, Kean J, Brandt CA *et al.* **Adapting to disruption of research during the COVID-19 pandemic while testing nonpharmacological approaches to pain management.** Transl. Behav. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885815>
40. Rallis KS, Allen Tejerina AM. **Tele-oncology in the COVID-19 Era: Are Medical Students Left Behind?** Trends Cancer 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863197>
41. Constable L, Davidson T, Breeman S *et al.* **How to deal with a temporary suspension and restarting your trial: our experiences and lessons learnt.** Trials 2020; 21:765. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891161>
42. AlNaamani K, AlSinani S, Barkun AN. **Medical research during the COVID-19 pandemic.** World J Clin Cases 2020; 8:3156-3163. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874970>
43. Rolak S, Keefe AM, Davidson EL *et al.* **Impacts and challenges of United States medical students during the COVID-19 pandemic.** World J Clin Cases 2020; 8:3136-3141. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874968>
44. Teh J, O'Connor E, Coles-Black J, Lawrentschuk N. **Clinical trials in urological oncology: COVID-19 and the potential need for a new perspective.** World J. Urol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886143>

Elderly (13 articles)

1. García-Portilla P, de la Fuente Tomás L, Bobes-Bascarán T *et al.* **Are older adults also at higher psychological risk from COVID-19?** Aging Ment. Health 2020:1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870024>
2. Bernabeu-Wittel M, Ternero-Vega JE, Díaz-Jiménez P *et al.* **Death risk stratification in elderly patients with covid-19. A comparative cohort study in nursing homes outbreaks.** Arch. Gerontol. Geriatr. 2020; 91:104240. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877792>
3. Boland B, Gale T. **Mental and behavioural disorders and COVID-19-associated death in older people.** BJPsych Open 2020; 6:e101. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878679>

4. Darvall JN, Bellomo R, Bailey M *et al.* **Frailty and outcomes from pneumonia in critical illness: a population-based cohort study.** Br J Anaesth 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891413>
5. Flaatten H, Beil M, Guidet B. **Prognostication in older ICU patients: mission impossible?** Br J Anaesth 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868042>
6. Kremer HJ, Thurner W. **Age dependence in Covid-19 mortality in Germany.** Deutsches Arzteblatt International 2020; 117:432-433.
7. Chen AT, Ge S, Cho S *et al.* **Reactions to COVID-19, information and technology use, and social connectedness among older adults with pre-frailty and frailty.** Geriatr. Nurs. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863038>
8. Ruiz-Real JL, Nievas-Soriano BJ, Uribe-Toril J. **Has Covid-19 Gone Viral? An Overview of Research by Subject Area.** Health Educ. Behav. 2020;1090198120958368. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886013>
9. Yin Wong LS, Ling Loo EX, Hui Kang AY *et al.* **Age-Related differences in immunological responses to SARS-CoV-2.** J Allergy Clin Immunol Pract 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861856>
10. Veronese N, Sbrogiò LG, Valle R *et al.* **Prognostic Value of Lung Ultrasonography in Older Nursing Home Residents Affected by COVID-19.** J. Am. Med. Dir. Assoc. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883596>
11. Esme M, Koca M, Dikmeer A *et al.* **Older Adults With Coronavirus Disease 2019; A Nationwide Study in Turkey.** J Gerontol A Biol Sci Med Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871002>
12. Xi W, Xu W, Zhang X, Ayalon L. **A Thematic Analysis of Weibo Topics (Chinese Twitter Hashtags) regarding Older Adults During the COVID-19 Outbreak.** J. Gerontol. B Psychol. Sci. Soc. Sci. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882029>
13. Wand APF, Peisah C. **COVID-19 and suicide in older adults.** Med. J. Aust. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888213>

Epidemiology (103 articles)

1. Mahieu R, Dubée V. **[Clinical and epidemiological characteristics of COVID-19].** Actual. Pharm. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863555>
2. Gao H, Zou Y, Chen X. **A Comparative Study of Residents' Responses Between the Epicenter and the Surrounding Areas in Hubei Province During the COVID-19 Outbreak.** Asia Pac. J. Public Health 2020;1010539520956440. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864992>
3. Zhang E, LeQuesne E, Fichtel K *et al.* **In-patient psychiatry management of COVID-19: rates of asymptomatic infection and on-unit transmission.** BJPsych Open 2020; 6:e99. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867874>
4. Xie Y, Wang Z, Liao H *et al.* **Epidemiologic, clinical, and laboratory findings of the COVID-19 in the current pandemic: systematic review and meta-analysis.** BMC Infect. Dis. 2020; 20:640. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867706>
5. Whittle RS, Diaz-Artiles A. **An ecological study of socioeconomic predictors in detection of COVID-19 cases across neighborhoods in New York City.** BMC Med 2020; 18:271. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883276>

6. Castillo O, Melin P. **Forecasting of COVID-19 time series for countries in the world based on a hybrid approach combining the fractal dimension and fuzzy logic.** Chaos Solitons Fractals 2020; 140:110242. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863616>
7. Das RC. **Forecasting incidences of COVID-19 using Box-Jenkins method for the period July 12-September 11, 2020: A study on highly affected countries.** Chaos Solitons Fractals 2020; 140:110248. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863619>
8. De Simone A, Piangerelli M. **A Bayesian approach for monitoring epidemics in presence of undetected cases.** Chaos Solitons Fractals 2020; 140:110167. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868967>
9. Firmino PRA, de Sales JP, Gonçalves Júnior J, da Silva TA. **A non-central beta model to forecast and evaluate pandemics time series.** Chaos Solitons Fractals 2020; 140:110211. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863610>
10. Fokas AS, Cuevas-Maraver J, Kevrekidis PG. **A quantitative framework for exploring exit strategies from the COVID-19 lockdown.** Chaos Solitons Fractals 2020; 140:110244. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863608>
11. Hammoumi A, Qesmi R. **Impact assessment of containment measure against COVID-19 spread in Morocco.** Chaos Solitons Fractals 2020; 140:110231. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863612>
12. Jorritsma J, Hulshof T, Komjáthy J. **Not all interventions are equal for the height of the second peak.** Chaos Solitons Fractals 2020; 139:109965. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863609>
13. Koutsellis T, Nikas A. **A predictive model and country risk assessment for COVID-19: An application of the Limited Failure Population concept.** Chaos Solitons Fractals 2020; 140:110240. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863614>
14. Mahmoudi MR, Baleanu D, Mansor Z *et al.* **Fuzzy clustering method to compare the spread rate of Covid-19 in the high risks countries.** Chaos Solitons Fractals 2020; 140:110230. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863611>
15. Pelinovsky E, Kurkin A, Kurkina O *et al.* **Logistic equation and COVID-19.** Chaos Solitons Fractals 2020; 140:110241. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863615>
16. Piovella N. **Analytical solution of SEIR model describing the free spread of the COVID-19 pandemic.** Chaos Solitons Fractals 2020; 140:110243. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863617>
17. Rahman MU, Arfan M, Shah K, Gómez-Aguilar JF. **Investigating a nonlinear dynamical model of COVID-19 disease under fuzzy caputo, random and ABC fractional order derivative.** Chaos Solitons Fractals 2020; 140:110232. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863613>
18. Rai B, Shukla A, Dwivedi LK. **Estimates of serial interval for COVID-19: A systematic review and meta-analysis.** Clin Epidemiol Glob Health 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869006>
19. Fields BKK, Demirjian NL, Gholamrezanezhad A. **Coronavirus Disease 2019 (COVID-19) diagnostic technologies: A country-based retrospective analysis of screening and containment procedures during the first wave of the pandemic.** Clin Imaging 2020; 67:219-225. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871426>

20. Brouwer AF, Myers JL, Martin ET *et al.* **SARS-CoV-2 surveillance in decedents in a large, urban medical examiner's office.** Clin Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877923>
21. Dzinamarira T, Mukwenha S, Eghtessadi R *et al.* **COVID-19 response in Zimbabwe: A Call for Urgent Scale-up of Testing to meet National Capacity.** Clin Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865204>
22. Mohapatra RK, Das PK, Kandi V. **Challenges in controlling COVID-19 in migrants in Odisha, India.** Diabetes Metab Syndr 2020; 14:1593-1594. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862097>
23. Ouchetto O, Drissi Bourhanbour A, Boumhamdi M. **Effectiveness of containment measures to control the spread of COVID-19 in North Africa.** Disaster Med Public Health Prep 2020:1-15. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878677>
24. Coccia M. **An index to quantify environmental risk of exposure to future epidemics of the COVID-19 and similar viral agents: Theory and Practice.** Environ. Res. 2020:110155. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871151>
25. Klenk M, Duijf H. **Ethics of digital contact tracing and COVID-19: who is (not) free to go?** Ethics Inf Technol 2020:1-9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863740>
26. **COVID-19 outbreaks in a transmission control scenario: challenges posed by social and leisure activities, and for workers in vulnerable conditions, Spain, early summer 2020.** Euro Surveill 2020; 25. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885777>
27. Florez H, Singh S. **Online dashboard and data analysis approach for assessing COVID-19 case and death data.** F1000Res 2020; 9:570. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884676>
28. Kneale D, O'Mara-Eves A, Rees R, Thomas J. **School closure in response to epidemic outbreaks: Systems-based logic model of downstream impacts.** F1000Res 2020; 9:352. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864104>
29. Koeppel L, Gottschalk C, Welker A *et al.* **Prediction of local COVID-19 spread in Heidelberg.** F1000Res 2020; 9:232. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864101>
30. Shao C, Li S, Zhu F *et al.* **Taizhou's COVID-19 prevention and control experience with telemedicine features.** Front Med 2020; 14:506-510. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862396>
31. Anastassopoulou C, Spanakis N, Tsakris A. **SARS-CoV-2 transmission, the ambiguous role of children and considerations for the reopening of schools in the fall.** Future Microbiol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878481>
32. Chirisa I, Mutambisi T, Chivenge M *et al.* **The urban penalty of COVID-19 lockdowns across the globe: manifestations and lessons for Anglophone sub-Saharan Africa.** GeoJournal 2020:1-14. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868960>
33. Yeh TC, Huang HC, Yeh TY *et al.* **Family members' concerns about relatives in long-term care facilities: Acceptance of visiting restriction policy amid the COVID-19 pandemic.** Geriatr Gerontol Int 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886842>
34. Oni T, Micklesfield LK, Wadende P *et al.* **Implications of COVID-19 control measures for diet and physical activity, and lessons for addressing other**

- pandemics facing rapidly urbanising countries.** Glob Health Action 2020; 13:1810415. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867606>
35. Benítez MA, Velasco C, Sequeira AR *et al.* **Responses to COVID-19 in five Latin American countries.** Health Policy Technol 2020:449. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874863>
36. Flynn D, Moloney E, Bhattarai N *et al.* **COVID-19 pandemic in the United Kingdom.** Health Policy Technol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874853>
37. Henríquez J, Almorox EG, Garcia-Gofi M, Paolucci F. **The first months of the COVID-19 pandemic in Spain.** Health Policy Technol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874852>
38. Higginson S, Milovanovic K, Gillespie J *et al.* **COVID-19: the need for an Australian Economic Pandemic Response Plan.** Health Policy Technol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874859>
39. Hoekman LM, Smits MMV, Koolman X. **The Dutch COVID-19 approach: Regional differences in a small country.: The Dutch COVID-19 approach.** Health Policy Technol 2020:443. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874861>
40. Rosenberg S, Mendoza J, Jafari HT, Carulla LS. **International Experiences of the Active Period of COVID-19 - Mental Health Care.** Health Policy Technol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874855>
41. Salvador-Carulla L, Rosenberg S, Mendoza J, Tabatabaei-Jafari H. **Rapid response to crisis: Health System Lessons from the active period of COVID-19: A Framework for Rapid Response.** Health Policy Technol 2020:446. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874862>
42. Tiirinki H, Tynkkynen LK, Sovala M *et al.* **COVID-19 pandemic in Finland - preliminary analysis on health system response and economic consequences.** Health Policy Technol 2020:440. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874860>
43. Ursin G, Skjesol I, Tritter J. **The COVID-19 pandemic in Norway: The dominance of social implications in framing the policy response.** Health Policy Technol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874857>
44. Xu W, Wu J, Cao L. **COVID-19 pandemic in China: Context, experience and lessons.** Health Policy Technol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874851>
45. Chang TC, Lin MY, Huang JC *et al.* **The First 100 Days: Establishment and Effectiveness of Campus Protection Measures at a College during the COVID-19 Pandemic.** Healthcare (Basel) 2020; 8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872337>
46. Donà D, Giaquinto C, Baraldi E *et al.* **COVID-19 Pandemic: Perspective of an Italian Tertiary Care Pediatric Center.** Healthcare (Basel) 2020; 8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882820>
47. Rizwan K, Rasheed T, Khan SA *et al.* **Current perspective on diagnosis, epidemiological assessment, prevention strategies, and potential therapeutic interventions for severe acute respiratory infections caused by 2019 novel coronavirus (SARS-CoV-2).** Hum Vaccin Immunother 2020:1-10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881628>
48. Khan MM, Parab SR. **Simple Face Shield for Public as a Crucial Factor to Slow Aerosol Transmission During Unlock Phase of COVID Pandemic.** Indian J

- Otolaryngol Head Neck Surg 2020;1-2. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874957>
49. Marín-García D, Moyano-Campos J, Bienvenido-Huertas D. **Distances of transmission risk of Covid-19 inside dwellings and evaluation of the effectiveness of reciprocal proximity warning sounds.** Indoor Air 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866286>
 50. Amar LA, Taha AA, Mohamed MY. **Prediction of the final size for COVID-19 epidemic using machine learning: A case study of Egypt.** Infect Dis Model 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864516>
 51. Buckman SR, Glick R, Lansing KJ *et al.* **Replicating and projecting the path of COVID-19 with a model-implied reproduction number.** Infect Dis Model 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875176>
 52. Guirao A. **The Covid-19 outbreak in Spain. A simple dynamics model, some lessons, and a theoretical framework for control response.** Infect Dis Model 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869008>
 53. Palamar JJ, Acosta P. **Virtual raves and happy hours during COVID-19: New drug use contexts for electronic dance music partygoers.** Int. J. Drug Policy 2020;102904. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861536>
 54. Ammar A, Chtourou H, Boukhris O *et al.* **COVID-19 Home Confinement Negatively Impacts Social Participation and Life Satisfaction: A Worldwide Multicenter Study.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867287>
 55. Meloni F, Campagna M, Restivo A, Cocco P. **Schrödinger's Worker: Are They Positive or Negative for SARS-CoV-2?** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878025>
 56. Nguyen QC, Huang Y, Kumar A *et al.* **Using 164 Million Google Street View Images to Derive Built Environment Predictors of COVID-19 Cases.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882867>
 57. Niwa M, Hara Y, Sengoku S, Kodama K. **Effectiveness of Social Measures against COVID-19 Outbreaks in Selected Japanese Regions Analyzed by System Dynamic Modeling.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867280>
 58. Qeadan F, Akofua Mensah N, Tingey B *et al.* **What Protective Health Measures Are Americans Taking in Response to COVID-19? Results from the COVID Impact Survey.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872439>
 59. Xie K, Liang B, Dulebenets MA, Mei Y. **The Impact of Risk Perception on Social Distancing during the COVID-19 Pandemic in China.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867381>
 60. Abou Ghayda R, Lee KH, Han YJ *et al.* **Estimation of global case fatality rate of coronavirus disease 2019 (COVID-19) using meta-analyses: Comparison between calendar date and days since the outbreak of the first confirmed case.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882434>
 61. Vázquez-Nava F, Vazquez-Rodriguez EM, Vazquez-Rodriguez CF *et al.* **Risk factors of non-adherence to guidelines for the prevention of COVID-19 among young adults with asthma in a region with a high risk of a COVID-19 outbreak.** J. Asthma 2020;1-11. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878518>

62. Ali M, Imran M, Khan A. **Analysis and prediction of the COVID-19 outbreak in Pakistan.** J. Biol. Dyn. 2020; 14:730-747. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875961>
63. Xu Z, Ye Y, Wang Y *et al.* **Primary Care Practitioners' Barriers to and Experience of COVID-19 Epidemic Control in China: a Qualitative Study.** J Gen Intern Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869200>
64. Bae TW, Kwon KK, Kim KH. **Mass Infection Analysis of COVID-19 Using the SEIRD Model in Daegu-Gyeongbuk of Korea from April to May, 2020.** J Korean Med Sci 2020; 35:e317. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864913>
65. Li A, Harries M, Ross LF. **Reopening K-12 Schools in the Era of COVID-19: Review of State-level Guidance Addressing Equity Concerns.** J. Pediatr. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866501>
66. Bonacini L, Gallo G, Patriarca F. **Identifying policy challenges of COVID-19 in hardly reliable data and judging the success of lockdown measures.** J Popul Econ 2020:1-27. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868965>
67. Ali K, Rao S, Berdine G *et al.* **A Retrospective Analysis and Comparison of Prisoners and Community-Based Patients with COVID-19 Requiring Intensive Care During the First Phase of the Pandemic in West Texas.** J. Prim. Care Community Health 2020; 11:2150132720954687. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865152>
68. Awan TM, Aslam F. **Prediction of daily COVID-19 cases in European countries using automatic ARIMA model.** J Public Health Res 2020; 9:1765. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874964>
69. Mericle AA, Sheridan D, Howell J *et al.* **Sheltering in place and social distancing when the services provided are housing and social support: The COVID-19 health crisis and recovery housing.** J. Subst. Abuse Treat. 2020:108094. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868142>
70. Sun X, Xiao Y, Ji X. **When to lift the lockdown in Hubei province during COVID-19 epidemic? an insight from a patch model and multiple source data.** J. Theor. Biol. 2020:110469. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866494>
71. Jiang S, Li Q, Li C *et al.* **Mathematical models for devising the optimal SARS-CoV-2 strategy for eradication in China, South Korea, and Italy.** J Transl Med 2020; 18:345. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891155>
72. Pachetti M, Marini B, Giudici F *et al.* **Impact of lockdown on Covid-19 case fatality rate and viral mutations spread in 7 countries in Europe and North America.** J Transl Med 2020; 18:338. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878627>
73. Khan A, Bieh KL, El-Ganainy A *et al.* **Estimating the COVID-19 Risk during the Hajj Pilgrimage.** J Travel Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889536>
74. Wagatsuma K, Phyu WW, Osada H *et al.* **Geographic correlation between the number of COVID-19 cases and the number of overseas travelers in Japan, Jan-Feb, 2020.** Jpn. J. Infect. Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863355>
75. Yang TU, Noh JY, Song JY *et al.* **How lessons learned from the 2015 MERS outbreak affected the effective response to the COVID-19 epidemic in the Republic of Korea.** Korean J. Intern. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872738>

76. Ladner JT, Larsen BB, Bowers JR *et al.* **An Early Pandemic Analysis of SARS-CoV-2 Population Structure and Dynamics in Arizona.** mBio 2020; 11.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32887735>
77. Woodruff IG, Mitchell RD, Phillips G *et al.* **COVID-19 and the Indo-Pacific: implications for resource-limited emergency departments.** Med. J. Aust. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32862451>
78. Banerjee I, Robinson J, Kashyap A *et al.* **The changing pattern of COVID-19 in Nepal: A Global concern- A Narrative Review.** Nepal J Epidemiol 2020; 10:845-855. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874698>
79. Rath RS, Dixit AM, Koparkar AR *et al.* **COVID-19 pandemic in India: A Comparison of pandemic pattern in Selected States.** Nepal J Epidemiol 2020; 10:856-864. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874699>
80. Al-Betar MA, Alyasseri ZAA, Awadallah MA, Abu Doush I. **Coronavirus herd immunity optimizer (CHIO).** Neural Comput Appl 2020:1-32.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874019>
81. Huang J, Qi G. **Effects of control measures on the dynamics of COVID-19 and double-peak behavior in Spain.** Nonlinear Dyn 2020:1-11.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874016>
82. Saha S, Samanta GP, Nieto JJ. **Epidemic model of COVID-19 outbreak by inducing behavioural response in population.** Nonlinear Dyn 2020:1-33.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863581>
83. Yu X. **Impact of mitigating interventions and temperature on the instantaneous reproduction number in the COVID-19 pandemic among 30 US metropolitan areas.** One Health 2020; 10:100160. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864409>
84. Park SY, Choi G, Lee H *et al.* **Early Intervention Reduces the Spread of COVID-19 in Long-Term Care Facilities in the Republic of Korea.** Osong Public Health Res Perspect 2020; 11:259-264. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864318>
85. Stephen S, Issac A, Jacob J *et al.* **COVID-19: Weighing the Endeavors of Nations, with Time to Event Analysis.** Osong Public Health Res Perspect 2020; 11:149-157. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864304>
86. Okuhara T, Okada H, Kiuchi T. **Examining persuasive message type to encourage staying at home during the COVID-19 pandemic and social lockdown: A randomized controlled study in Japan.** Patient Educ. Couns. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863098>
87. de Aranzabal M, Fumadó V, Alegria I *et al.* **[COVID-19 and Africa: Surviving between a rock and a hard place].** An Pediatr (Barc) 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891579>
88. Brunner J, Chia N. **Confidence in the dynamic spread of epidemics under biased sampling conditions.** PeerJ 2020; 8:e9758.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864224>
89. Karatayev VA, Anand M, Bauch CT. **Local lockdowns outperform global lockdown on the far side of the COVID-19 epidemic curve.** Proc Natl Acad Sci U S A 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887803>
90. Messner W, Payson SE. **Variation in COVID-19 outbreaks at the US state and county levels.** Public Health 2020; 187:15-18.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32889227>

91. Hâncean MG, Perc M, Lerner J. **Early spread of COVID-19 in Romania: imported cases from Italy and human-to-human transmission networks.** *R Soc Open Sci* 2020; 7:200780. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874663>
92. Pathak KP, Gaire T, Ho MH, Chang HCR. **Why has COVID-19 not hit the countries like Nepal yet?** *Rev. Environ. Health* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877368>
93. Sasidharan M, Singh A, Torbaghan ME, Parlikad AK. **A vulnerability-based approach to human-mobility reduction for countering COVID-19 transmission in London while considering local air quality.** *Sci Total Environ* 2020; 741:140515. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887014>
94. Sugg MM, Spaulding TJ, Lane SJ *et al.* **Mapping community-level determinants of COVID-19 transmission in nursing homes: A multi-scale approach.** *Sci Total Environ* 2020; 752:141946. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889290>
95. Anderez DO, Kanjo E, Pogrebna G *et al.* **A COVID-19-Based Modified Epidemiological Model and Technological Approaches to Help Vulnerable Individuals Emerge from the Lockdown in the UK.** *Sensors (Basel)* 2020; 20. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887338>
96. Dey SK, Rahman MM, Siddiqi UR, Howlader A. **Exploring Epidemiological Behavior of Novel Coronavirus (COVID-19) Outbreak in Bangladesh.** *SN Compr Clin Med* 2020:1-9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864577>
97. Lindström M. **The COVID-19 pandemic and the Swedish strategy: Epidemiology and postmodernism.** *SSM Popul Health* 2020; 11:100643. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885019>
98. Fan G, Yang Z, Lin Q *et al.* **Decreased Case Fatality Rate of COVID-19 in the Second Wave: a study in 53 countries or regions.** *Transbound Emerg Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892500>
99. Dursun ZB, Kilic AU, Alabay S *et al.* **COVID-19 among Turkish citizens returning from abroad.** *Travel Med Infect Dis* 2020:101860. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889103>
100. Pirnay JP, Selhorst P, Cochez C *et al.* **Study of a SARS-CoV-2 Outbreak in a Belgian Military Education and Training Center in Maradi, Niger.** *Viruses* 2020; 12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867108>
101. Chen S, Zhang Y, Li C *et al.* **[Typical case analysis of COVID-19 cluster epidemic in Shaanxi, 2020].** *Zhonghua Liu Xing Bing Xue Za Zhi* 2020; 41:1204-1209. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867425>
102. Liu CF, Lyu TX, Liu ZR *et al.* **[Investigation on two family clusters of COVID-19 in a county of Baotou city in Inner Mongolia Autonomous Region].** *Zhonghua Liu Xing Bing Xue Za Zhi* 2020; 41:1210-1213. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867426>
103. Sun YX, Shen P, Zhang JY *et al.* **[Epidemiological characteristics of COVID-19 monitoring cases in Yinzhou district based on health big data platform].** *Zhonghua Liu Xing Bing Xue Za Zhi* 2020; 41:1220-1224. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867427>

Gastro-enterology (18 articles)

1. Papadopoulos N, Vasileiadi S, Deutsch M. **COVID-19 and liver injury: where do we stand?** *Ann Gastroenterol* 2020; 33:459-464. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879591>

2. Tsibouris P, Ekmektzoglou K, Agorogianni A *et al.* **Gastrointestinal involvement in COVID-19 patients: a retrospective study from a Greek COVID-19 referral hospital.** Ann Gastroenterol 2020; 33:465-472.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32879592>
3. Piovella N. **Analytical solution of SEIR model describing the free spread of the COVID-19 pandemic.** Chaos Solitons Fractals 2020; 140:110243.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863617>
4. Ahmed J, Rizwan T, Malik F *et al.* **COVID-19 and Liver Injury: A Systematic Review and Meta-Analysis.** Cureus 2020; 12:e9424.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864250>
5. Ghoda A, Ghoda M. **Liver Injury in COVID-19 Infection: A Systematic Review.** Cureus 2020; 12:e9487. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879813>
6. Yu Q, Xu P, Gan H *et al.* **Comprehensive Gastroenterology Endoscopy Unit Workflow and Infection Prevention during the COVID-19 Pandemic: Experience with 159 Cases in Wuhan, China.** Dig Endosc 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886846>
7. Effenberger M, Grander C, Grabherr F *et al.* **Systemic inflammation as fuel for acute liver injury in COVID-19.** Dig. Liver Dis. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32873520>
8. Barberio B, Buda A, Savarino EV. **Should IBD Patients Be Tested for Active COVID-19 Prior Starting a Biological Treatment?** Gastroenterology 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877708>
9. Fouda A, Mahmoudi N, Moy N, Paolucci F. **The COVID-19 pandemic in Greece, Iceland, New Zealand, and Singapore: Health Policies and Lessons Learned.** Health Policy Technol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874858>
10. Lei P, Zhang L, Han P *et al.* **Liver injury in patients with COVID-19: clinical profiles, CT findings, the correlation of the severity with liver injury.** Hepatol Int 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886333>
11. Ghoshal U, Vasanth S, Tejan N. **A guide to laboratory diagnosis of Corona Virus Disease-19 for the gastroenterologists.** Indian J. Gastroenterol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32875524>
12. Bezzio C, Pellegrini L, Manes G *et al.* **Biologic Therapies May Reduce the Risk of COVID-19 in Patients With Inflammatory Bowel Disease.** Inflamm. Bowel Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869831>
13. Kornbluth A, Kissous-Hunt M, George J, Legnani P. **Management of Inflammatory Bowel Disease and COVID-19 in New York City 2020: The Epicenter of IBD in the First Epicenter of the Global Pandemic.** Inflamm. Bowel Dis. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32879978>
14. Chela H, Pasha SB, Wan XF, Ghouri YA. **A Review on Medical Management of Inflammatory Bowel Diseases during the COVID-19 Pandemic.** J Gastroenterol Hepatol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876952>
15. Yan Yan, Jiang X, Wang X *et al.* **CCL28 mucosal expression in SARS-CoV-2-infected patients with diarrhea in relation to disease severity.** J Infect 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32871180>
16. Rodríguez-Perálvarez M, Salcedo M, Colmenero J, Pons JA. **Increased incidence of Covid-19 among liver transplant patients in Europe.** Transpl Int 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881089>
17. Galanopoulos M, Gkeros F, Doukatas A *et al.* **COVID-19 pandemic: Pathophysiology and manifestations from the gastrointestinal tract.** World J.

Gastroenterol. 2020; 26:4579-4588. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884218>

18. Zhang H, Liao YS, Gong J *et al.* **Clinical characteristics and risk factors for liver injury in COVID-19 patients in Wuhan.** World J. Gastroenterol. 2020; 26:4694-4702. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884226>

Guidelines (35 articles)

1. Sharma JB, Sharma E, Sharma S, Singh J. **Recommendations for prenatal, intrapartum and postpartum care during COVID-19 pandemic in India.** Am. J. Reprod. Immunol. 2020:e13336. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877014>
2. Triantafyllou T, Olson MT, Theodorou D *et al.* **Esophageal cancer: challenges, concerns, and recommendations for management amidst the COVID-19 pandemic.** Ann Gastroenterol 2020; 33:453-458. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879590>
3. Adams E, Broce M, Mousa A. **Proposed Algorithm for Treatment of Pulmonary Embolism in COVID-19 Patients.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891745>
4. Bashar AHM, Hakim ME, Rahman MM *et al.* **Vascular Surgery Practice Guidelines during COVID-19 Pandemic in a Setting of High Work Volume against Limited Resources: Perspective of a Developing Country.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889161>
5. Gesser-Edelsburg A, Cohen R, Shahbari NAE, Hijazi R. **A mixed-methods sequential explanatory design comparison between COVID-19 infection control guidelines' applicability and their protective value as perceived by Israeli healthcare workers, and healthcare executives' response.** Antimicrob Resist Infect Control 2020; 9:148. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887658>
6. Van De L'Isle Y, Steer PJ, Watt Coote I, Cauldwell M. **Impact of changes to national UK Guidance on testing for gestational diabetes screening during a pandemic: a single centre observational study.** Bjog 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888369>
7. Zaniboni A, Ghidini M, Grossi F *et al.* **A Review of Clinical Practice Guidelines and Treatment Recommendations for Cancer Care in the COVID-19 Pandemic.** Cancers (Basel) 2020; 12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872421>
8. Rosovsky RP, Grodzin C, Channick R *et al.* **Diagnosis and Treatment of Pulmonary Embolism During the COVID-19 Pandemic: A Position Paper from the National PERT Consortium.** Chest 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861692>
9. Akintayo RO, Bahiri R, El Miedany Y *et al.* **African League Against Rheumatism (AFLAR) preliminary recommendations on the management of rheumatic diseases during the COVID-19 pandemic.** Clin Rheumatol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876786>
10. Šifrer R, Urbančič J, Piazza C *et al.* **Emergent tracheostomy during the pandemic of COVID-19: Slovenian National Recommendations.** Eur Arch Otorhinolaryngol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889621>
11. Mehta Y, Dixit SB, Zirpe KG, Ansari AS. **Cytokine Storm in Novel Coronavirus Disease (COVID-19): Expert Management Considerations.** Indian J. Crit. Care

- Med. 2020; 24:429-434. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863636>
12. Lee JS, Si HJ, Han SH *et al.* **Guidelines for Surgery of Confirmed or Suspected COVID-19 Patients.** Infect Chemother 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869560>
 13. Bethoux F. **Editorial.** Int J MS Care 2020; 22:xi. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863789>
 14. Thakolwiboon S, Zhao-Fleming H, Pan J *et al.* **Disease-Modifying Therapies During the COVID-19 Outbreak: A Narrative Review of International and National Recommendations.** Int J MS Care 2020; 22:151-157. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863782>
 15. Gelfand JM, Armstrong AW, Bell S *et al.* **National Psoriasis Foundation COVID-19 Task Force Guidance for Management of Psoriatic Disease During the Pandemic: Version 1.** J Am Acad Dermatol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891785>
 16. Kelle S, Bucciarelli-Ducci C, Judd RM *et al.* **Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection.** J. Cardiovasc. Magn. Reson. 2020; 22:61. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878639>
 17. Lunden DJ, Kelly BD, Shukla D *et al.* **A Decision Aide for the Risk Stratification of GU Cancer Patients at Risk of SARS-CoV-2 Infection, COVID-19 Related Hospitalization, Intubation, and Mortality.** J Clin Med 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872607>
 18. Cheng YY, Chen CM, Huang WC *et al.* **Rehabilitation programs for patients with COVID-19: consensus statements of Taiwan Academy of Cardiovascular and Pulmonary Rehabilitation.** J Formos Med Assoc 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863084>
 19. Rutkowski J, Camm DP, El Char E. **AAID White Paper: Management of the Dental Implant Patient During the Coronavirus Pandemic and Beyond.** J. Oral Implantol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882035>
 20. Zhu Y, Wang Z, Zhou Y *et al.* **Summary of respiratory rehabilitation and physical therapy guidelines for patients with COVID-19 based on recommendations of World Confederation for Physical Therapy and National Association of Physical Therapy.** J Phys Ther Sci 2020; 32:545-549. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884178>
 21. Thachil J, Juffermans NP, Ranucci M *et al.* **ISTH DIC subcommittee communication on anticoagulation in COVID-19.** J Thromb Haemost 2020; 18:2138-2144. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881336>
 22. Castillo-Allendes A, Contreras-Ruston F, Cantor-Cutiva LC *et al.* **Voice Therapy in the Context of the COVID-19 Pandemic: Guidelines for Clinical Practice.** J. Voice 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878736>
 23. Greenspan H, San José Estépar R, Niessen WJ *et al.* **Position paper on COVID-19 imaging and AI: From the clinical needs and technological challenges to initial AI solutions at the lab and national level towards a new era for AI in healthcare.** Med. Image Anal. 2020; 66:101800. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890777>
 24. MacIntyre CR, Ananda-Rajah M, Nicholls M, Quigley AL. **Current COVID-19 guidelines for respiratory protection of health care workers are inadequate.** Med. J. Aust. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865245>

25. Antova I. **Disability Rights During COVID-19: Emergency Law and Guidelines in England.** Med. Law Rev. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892223>
26. Almazyad EM, Ameen S, Khan MA, Malik R. **Guidelines and Recommendations for Tonometry Use during the COVID-19 Era.** Middle East Afr J Ophthalmol 2020; 27:73-78. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874038>
27. Jin YH, Zhan QY, Peng ZY *et al.* **Chemoprophylaxis, diagnosis, treatments, and discharge management of COVID-19: An evidence-based clinical practice guideline (updated version).** Mil Med Res 2020; 7:41. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887670>
28. Martin-Broto J, Hindi N, Aguiar S, Jr. *et al.* **SARCOMA EUROPEAN & LATIN AMERICAN NETWORK (SELNET) RECOMMENDATIONS ON PRIORITIZATION IN SARCOMA CARE DURING COVID-19 PANDEMIC.** Oncologist 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888360>
29. Zhou AS, Prince AA, Maxfield AZ *et al.* **The Sinonasal Outcome Test-22 or European Position Paper: Which Is More Indicative of Imaging Results?** Otolaryngol Head Neck Surg 2020:194599820953834. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867591>
30. Olabumuyi AA, Ali-Gombe M, Biyi-Olutunde OA *et al.* **Oncology practice in the COVID-19 pandemic: a report of a Nigerian expert panel discussion (oncology care in Nigeria during the COVID-19 pandemic).** Pan Afr. Med. J. 2020; 36:153. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874417>
31. Guedes F, Boléo-Tomé JP, Rodrigues LV *et al.* **Recommendations for interventional pulmonology during COVID-19 outbreak: a consensus statement from the Portuguese Pulmonology Society.** Pulmonology 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868252>
32. Forner Cordero I, López Martin M, Reina Gutiérrez L *et al.* **[Management of patients with lymphatic diseases and lipoedema during the COVID-19 pandemic. Recommendations of the Spanish Group of Lymphology].** Rehabilitacion (Madr) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863012>
33. Antoch G, Urbach H, Mentzel HJ *et al.* **SARS-CoV-2/COVID-19: Recommendations for radiological care - A statement by the German Radiological Society (DRG), German Society for Neuroradiology (DGNR), Society for Pediatric Radiology (GPR), German Society for Interventional Radiology (DeGIR), Professional Association of Neuroradiologists (BDNR), and Professional Association of Radiologists (BDR).** RoFo Fortschritte auf dem Gebiet der Rontgenstrahlen und der Bildgebenden Verfahren 2020; 192:418-421.
34. Couñago F, Navarro-Martin A, Luna J *et al.* **GOECP/SEOR clinical recommendations for lung cancer radiotherapy during the COVID-19 pandemic.** World J. Clin. Oncol. 2020; 11:510-527. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879841>
35. Wang J, Yu L, Wu SS *et al.* **[Interpretation for the group standards in guidelines for personal protection against coronavirus disease 2019 for diseases control person].** Zhonghua Liu Xing Bing Xue Za Zhi 2020; 41:1192-1194. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867423>

Imaging (29 articles)

1. Zhou H, Zhu L, Leng Y *et al.* **Clinical and imaging findings of discharged patients with SARS-CoV-2 positive anal swab samples: a descriptive study.** BMC Infect. Dis. 2020; 20:644. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873230>
2. Mohseni Afshar Z, Ebrahimpour S, Javanian M *et al.* **Vital role of chest CT in diagnosis of coronavirus disease 2019 (COVID-19).** Caspian J Intern Med 2020; 11:244-249. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874430>
3. Cohen JP, Dao L, Roth K *et al.* **Predicting COVID-19 Pneumonia Severity on Chest X-ray With Deep Learning.** Cureus 2020; 12:e9448. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864270>
4. Salunke AA, Warikoo V, Kumar Pathak S *et al.* **A proposed ABCD scoring system for better triage of patients with COVID-19: Use of clinical features and radiopathological findings.** Diabetes Metab Syndr 2020; 14:1637-1640. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892061>
5. Capotosto L, Nguyen BL, Ciardi MR *et al.* **Heart, COVID-19, and echocardiography.** Echocardiography 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885490>
6. Delorme C, Paccoud O, Kas A *et al.* **Covid-19-related encephalopathy: a case series with brain FDG-PET/CT findings.** Eur. J. Neurol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881133>
7. Shiri I, Akhavanallaf A, Sanaat A *et al.* **Ultra-low-dose chest CT imaging of COVID-19 patients using a deep residual neural network.** Eur Radiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879987>
8. Abdel-Basst M, Mohamed R, Elhoseny M. **A model for the effective COVID-19 identification in uncertainty environment using primary symptoms and CT scans.** Health Informatics J 2020:1460458220952918. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883174>
9. Liu F, Liu H, Hou L *et al.* **Clinico-Radiological Features and Outcomes in Pregnant Women with COVID-19 Pneumonia Compared with Age-Matched Non-Pregnant Women.** Infect Drug Resist 2020; 13:2845-2854. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884308>
10. Tran TA, Cezar R, Frandon J *et al.* **CT scan does not make a diagnosis of Covid-19: a cautionary case report.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890723>
11. Matsubara D, Kauffman HL, Wang Y *et al.* **Echocardiographic Findings in Pediatric Multisystem Inflammatory Syndrome Associated with COVID-19 in the United States.** J Am Coll Cardiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890666>
12. Veronese N, Sbrogiò LG, Valle R *et al.* **Prognostic Value of Lung Ultrasonography in Older Nursing Home Residents Affected by COVID-19.** J. Am. Med. Dir. Assoc. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883596>
13. Kelle S, Bucciarelli-Ducci C, Judd RM *et al.* **Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection.** J. Cardiovasc. Magn. Reson. 2020; 22:61. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878639>
14. Seo Y, Daimon M, Yamada H *et al.* **Review of the efforts of the Japanese Society of Echocardiography for coronavirus disease 2019 (COVID-19) during the initial outbreak in Japan.** J Echocardiogr 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892279>

15. Chon Y, Kim JY, Suh YJ *et al.* **Adverse Initial CT Findings Associated with Poor Prognosis of Coronavirus Disease.** J Korean Med Sci 2020; 35:e316.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864912>
16. O'Brien A, Clements W. **Effect of COVID-19 on thoracic imaging in Australia.** J. Med. Imaging Radiat. Oncol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885588>
17. Asai N, Sakanashi D, Nakamura A *et al.* **Clinical manifestations and radiological features by chest computed tomographic findings of a novel coronavirus disease-19 pneumonia among 92 patients in Japan.** J Microbiol Immunol Infect 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868193>
18. Zhuang Y, Lin L, Xu X *et al.* **Dynamic changes on chest CT of COVID-19 patients with solitary pulmonary lesion in initial CT.** Jpn J Radiol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886292>
19. Greenspan H, San José Estépar R, Niessen WJ *et al.* **Position paper on COVID-19 imaging and AI: From the clinical needs and technological challenges to initial AI solutions at the lab and national level towards a new era for AI in healthcare.** Med. Image Anal. 2020; 66:101800.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32890777>
20. Zhou AS, Prince AA, Maxfield AZ *et al.* **The Sinonasal Outcome Test-22 or European Position Paper: Which Is More Indicative of Imaging Results?** Otolaryngol Head Neck Surg 2020:194599820953834.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867591>
21. Wang Z, Xiao Y, Li Y *et al.* **Automatically discriminating and localizing COVID-19 from community-acquired pneumonia on chest X-rays.** Pattern Recognit 2020:107613. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868956>
22. Grillet F, Busse-Coté A, Calame P *et al.* **COVID-19 pneumonia: microvascular disease revealed on pulmonary dual-energy computed tomography angiography.** Quant Imaging Med Surg 2020; 10:1852-1862.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32879862>
23. Faqeeh S, Madkhali R. **Kidney Imaging Findings in a Patient with COVID-19.** Radiol Case Rep 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864030>
24. Wang C, Shi B, Wei C *et al.* **Initial CT features and dynamic evolution of early-stage patients with COVID-19.** Radiol Infect Dis 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864406>
25. Giannitto C, Sposta FM, Repici A *et al.* **Chest CT in patients with a moderate or high pretest probability of COVID-19 and negative swab.** Radiol Med 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32862406>
26. Palmowski M, Persigehl T, Michaely H *et al.* **[Does SARS-CoV-2 cause lung inflammation even in mild clinical courses? : A multicenter report from outpatient care].** Radiologe 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886159>
27. **COVID-19: Information of the Thoracic Imaging Section of the German Radiological Society.** RoFo Fortschritte auf dem Gebiet der Rontgenstrahlen und der Bildgebenden Verfahren 2020; 192:355.
28. Antoch G, Urbach H, Mentzel HJ *et al.* **SARS-CoV-2/COVID-19: Recommendations for radiological care - A statement by the German Radiological Society (DRG), German Society for Neuroradiology (DGNR), Society for Pediatric Radiology (GPR), German Society for Interventional Radiology (DeGIR), Professional Association of Neuroradiologists (BDNR),**

- and Professional Association of Radiologists (BDR). RoFo Fortschritte auf dem Gebiet der Rontgenstrahlen und der Bildgebenden Verfahren 2020; 192:418-421.**
29. Caruso D, Polidori T, Guido G *et al.* **Typical and atypical COVID-19 computed tomography findings.** World J Clin Cases 2020; 8:3177-3187.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874972>

Immune response (23 articles)

1. Fiorino S, Gallo C, Zippi M *et al.* **Cytokine storm in aged people with CoV-2: possible role of vitamins as therapy or preventive strategy.** Aging Clin. Exp. Res. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865757>
2. Hue S, Beldi-Ferchiou A, Bendib I *et al.* **Uncontrolled Innate and Impaired Adaptive Immune Responses in Patients with COVID-19 ARDS.** Am J Respir Crit Care Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866033>
3. Yang R, Huang B, Ruhan A *et al.* **Development and effectiveness of Pseudotyped SARS-CoV-2 system as determined by neutralizing efficiency and entry inhibition test in vitro.** Biosaf Health 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864605>
4. Lazzaroni MG, Piantoni S, Masneri S *et al.* **Coagulation dysfunction in COVID-19: The interplay between inflammation, viral infection and the coagulation system.** Blood Rev. 2020:100745. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868115>
5. Kaneko N, Kuo HH, Boucau J *et al.* **Loss of Bcl-6-Expressing T Follicular Helper Cells and Germinal Centers in COVID-19.** Cell 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877699>
6. Heissig B, Salama Y, Takahashi S *et al.* **The multifaceted role of plasminogen in inflammation.** Cell. Signal. 2020:109761. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861744>
7. Loomba RS, Villarreal EG, Flores S. **COVID-19 and Hyperinflammatory Syndrome in Children: Kawasaki Disease with Macrophage Activation Syndrome in Disguise?** Cureus 2020; 12:e9515.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32884871>
8. de Barcelos Ubaldo Martins L, Jabour L, Vieira CC *et al.* **Renin-angiotensin system (RAS) and immune system profile in specific subgroups with COVID-19.** Curr Med Chem 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881654>
9. Effenberger M, Grandner C, Grabherr F *et al.* **Systemic inflammation as fuel for acute liver injury in COVID-19.** Dig. Liver Dis. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32873520>
10. Rode O, Kurolt IC, Puljiz I *et al.* **Antibody response and the clinical presentation of patients with COVID-19 in Croatia: the importance of a two-step testing approach.** Eur J Clin Microbiol Infect Dis 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886230>
11. O'Connell P, Aldhamen YA. **Systemic innate and adaptive immune responses to SARS-CoV-2 as it relates to other coronaviruses.** Hum Vaccin Immunother 2020:1-12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878546>
12. Mehta Y, Dixit SB, Zirpe KG, Ansari AS. **Cytokine Storm in Novel Coronavirus Disease (COVID-19): Expert Management Considerations.** Indian J. Crit. Care Med. 2020; 24:429-434. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863636>

13. van Eeden C, Khan L, Osman MS, Cohen Tervaert JW. **Natural Killer Cell Dysfunction and Its Role in COVID-19.** *Int J Mol Sci* 2020; 21.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32883007>
14. Yin Wong LS, Ling Loo EX, Hui Kang AY *et al.* **Age-Related differences in immunological responses to SARS-CoV-2.** *J Allergy Clin Immunol Pract* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861856>
15. Vena A, Berruti M, Adessi A *et al.* **Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors.** *J Clin Med* 2020; 9.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867328>
16. Gozalbo-Rovira R, Gimenez E, Latorre V *et al.* **SARS-CoV-2 antibodies, serum inflammatory biomarkers and clinical severity of hospitalized COVID-19 patients.** *J Clin Virol* 2020; 131:104611. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882666>
17. Cacciapuoti S, De Rosa A, Gelzo M *et al.* **Immunocytometric analysis of COVID patients: A contribution to personalized therapy?** *Life Sci* 2020:118355.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32871183>
18. Celius EG. **Normal antibody response after COVID-19 during treatment with cladribine.** *Mult Scler Relat Disord* 2020; 46:102476.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32882501>
19. Radia T, Williams N, Agrawal P *et al.* **Multi-system inflammatory syndrome in children & adolescents (MIS-C): A systematic review of clinical features and presentation.** *Paediatr. Respir. Rev.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891582>
20. Jafarzadeh A, Jafarzadeh S, Nozari P *et al.* **Lymphopenia an important immunological abnormality in patients with COVID-19: Possible mechanisms.** *Scand. J. Immunol.* 2020:e12967. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875598>
21. Dulipsingh L, Ibrahim D, Schaefer EJ *et al.* **SARS-CoV-2 serology and virology trends in donors and recipients of convalescent plasma.** *Transfus. Apher. Sci.* 2020:102922. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883593>
22. Hellerstein M. **What are the roles of antibodies versus a durable, high quality T-cell response in protective immunity against SARS-CoV2?** *Vaccine X* 2020:100076. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875286>
23. Wu Y, Hong K, Ruan L *et al.* **Patients with Prolonged Positivity of SARS-CoV-2 RNA Benefit from Convalescent Plasma Therapy: A Retrospective Study.** *Virology Sin* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865701>

Management miscellaneous diseases (99 articles)

1. Rodriguez RM. **Tackling Another COVID-19 Pandemic Disparity - Distance from Major Academic Medical Centers Encumbers Emergency and Critical Care Physician Surge Capacity.** *Acad Emerg Med* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886821>
2. Riley JS, Luks VL, de Pina LF *et al.* **COVID-19 Pandemic Significantly Decreases Acute Surgical Complaints.** *Am. Surg.* 2020:3134820949506.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32862669>
3. Triantafyllou T, Olson MT, Theodorou D *et al.* **Esophageal cancer: challenges, concerns, and recommendations for management amidst the COVID-19**

- pandemic.** Ann Gastroenterol 2020; 33:453-458.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32879590>
4. Bin Traiki TA, AlShammari SA, AlAli MN *et al.* **Impact of COVID-19 pandemic on patient satisfaction and surgical outcomes: A retrospective and cross sectional study.** Ann Med Surg (Lond) 2020; 58:14-19.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864124>
 5. Shah S. **COVID-19 and paediatric dentistry- traversing the challenges. A narrative review.** Ann Med Surg (Lond) 2020; 58:22-33.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864126>
 6. Bashar AHM, Hakim ME, Rahman MM *et al.* **Vascular Surgery Practice Guidelines during COVID-19 Pandemic in a Setting of High Work Volume against Limited Resources: Perspective of a Developing Country.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889161>
 7. Kolakowsky-Hayner SA, Goldin Y. **Sex and Gender Issues for Individuals with Acquired Brain Injury During COVID-19: A Commentary.** Arch. Phys. Med. Rehabil. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891634>
 8. Barry TWL, Jeanette T, Ashokka B *et al.* **In the Extraordinary Times of Coronavirus Disease 2019: Clinical Strategies for Performing Spinal Surgery.** Asian Spine J 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872763>
 9. Brunnhoelzl D, Hanania AN, Echeverria A *et al.* **Paracervical blocks facilitate timely brachytherapy amidst COVID-19.** Brachytherapy 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891569>
 10. Patel NR, El-Karim GA, Mujoomdar A *et al.* **Overall Impact of the COVID-19 Pandemic on Interventional Radiology Services: A Canadian Perspective.** Can Assoc Radiol J 2020:846537120951960. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864995>
 11. Moss C, Dolly S, Russell B *et al.* **One Piece of the Jigsaw for the Cancer Recovery Strategy: Prevalence of COVID-19 in Patients With Cancer.** Cancer Control 2020; 27:1073274820950844. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885663>
 12. Mummudi N, Tibdewal A, Gupta T *et al.* **Tackling brain metastases from lung cancer during the COVID-19 pandemic.** Cancer Rep (Hoboken) 2020:e1276.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881412>
 13. Zaniboni A, Ghidini M, Grossi F *et al.* **A Review of Clinical Practice Guidelines and Treatment Recommendations for Cancer Care in the COVID-19 Pandemic.** Cancers (Basel) 2020; 12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872421>
 14. Abdalla AS, Asaad A, Fisher R *et al.* **The Challenge of COVID-19: The Biological Characteristics and Outcomes in a Series of 130 Breast Cancer Patients Operated on During the Pandemic.** Chirurgia (Bucur.) 2020; 115:458-468.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32876019>
 15. de la Portilla de Juan F, Reyes Díaz ML, Ramallo Solía I. **Impact of the pandemic on surgical activity in colorectal cancer in Spain. Results of a national survey.** Cir Esp 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888676>
 16. Alsayegh F, Mousa SA. **Challenges in the Management of Sickle Cell Disease During SARS-CoV-2 Pandemic.** Clin. Appl. Thromb. Hemost. 2020; 26:1076029620955240. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873056>
 17. Lord AS, Lombardi N, Evans K *et al.* **Keeping the team together: Transformation of an inpatient neurology service at an urban, multi-ethnic, safety net hospital**

- in New York City during COVID-19. Clin. Neurol. Neurosurg. 2020; 197:106156. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877768>
18. Antaki F, Milad D, Javidi S, Dirani A. **Vitreoretinal Surgery in the Post-Lockdown Era: Making the Case for Combined Phacovitrectomy.** Clin. Ophthalmol. 2020; 14:2307-2309. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884232>
 19. Akintayo RO, Bahiri R, El Miedany Y *et al.* **African League Against Rheumatism (AFLAR) preliminary recommendations on the management of rheumatic diseases during the COVID-19 pandemic.** Clin Rheumatol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876786>
 20. Roongta R, Ghosh A. **Managing rheumatoid arthritis during COVID-19.** Clin Rheumatol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892311>
 21. Anwar F, Naqvi S, Al-Abbasi FA *et al.* **Targeting COVID-19 in Parkinson's patients: Drugs repurposed.** Curr Med Chem 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881656>
 22. Sánchez-González Á, López-Fando Lavalle L, Esteban-Fernández A *et al.* **What Should Be Known by a Urologist About the Medical Management of COVID-19's Patients?** Curr Urol Rep 2020; 21:44. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870407>
 23. Hattenbach LO, Heinz P, Feltgen N *et al.* **Impacts of the SARS-CoV-2 pandemic on ophthalmic care in Germany.** Der Ophthalmologe : Zeitschrift der Deutschen Ophthalmologischen Gesellschaft 2020.
 24. Dodt C, Schneider N. **Emergency and intensive care medicine aspects of COVID-19 infections.** Der Radiologe 2020.
 25. Kutlu Ö, Metin A. **Relative changes in the pattern of diseases presenting in dermatology outpatient clinic in the era of the COVID-19 pandemic.** Dermatol Ther 2020:e14096. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869938>
 26. Villani A, Fabbrocini G, Costa C, Scalvenzi M. **Complete remission of an advanced basal cell carcinoma after only three-month treatment with sonidegib: report of a case and drug management during COVID-19 pandemic.** Dermatol Ther 2020:e14200. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870541>
 27. Saqib MAN, Siddiqui S, Qasim M *et al.* **Effect of COVID-19 lockdown on patients with chronic diseases.** Diabetes Metab Syndr 2020; 14:1621-1623. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889403>
 28. Alessy SA, Davies EA, Jazieh AR. **Cancer care during the COVID-19 pandemic: a perspective from Saudi Arabia.** Ecancermedicalscience 2020; 14:1076. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863870>
 29. Elkhouly EA, Salem RH, Haggag M. **Should cancer treatment be continued during the COVID-19 pandemic? A single Egyptian institution experience.** Ecancermedicalscience 2020; 14:1077. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863871>
 30. Okunade KS, Okunowo AA, Ohazurike EO, Anorlu RI. **Good clinical practice advice for the management of patients with gynaecological cancer during the COVID-19 pandemic in Nigeria and other resource-constrained countries.** Ecancermedicalscience 2020; 14:1075. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863869>
 31. Parikh KD, Ramaiya NH, Kikano EG *et al.* **Quantifying the decrease in emergency department imaging utilization during the COVID-19 pandemic at a multicenter healthcare system in Ohio.** Emerg Radiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870462>

32. Fuereder T, Berghoff AS, Heller G *et al.* **SARS-CoV-2 seroprevalence in oncology healthcare professionals and patients with cancer at a tertiary care centre during the COVID-19 pandemic.** *ESMO Open* 2020; 5.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32878898>
33. Ayache S, Kutz W, Isaacson B *et al.* **COVID-19 and ear endoscopy in otologic practices.** *Eur Arch Otorhinolaryngol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876726>
34. Dupley L, Oputa TJ, Bourne JT. **30-day mortality for fractured neck of femur patients with concurrent COVID-19 infection.** *Eur. J. Orthop. Surg. Traumatol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886249>
35. Grippaudo FR, Migliano E, Redi U *et al.* **The impact of COVID-19 in plastic surgery departments: a comparative retrospective study in a COVID-19 and in a non-COVID-19 hospital.** *Eur. J. Plast. Surg.* 2020:1-6.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863593>
36. Martín-Noguerol T, Lopez-Ortega R, Ros PR, Luna A. **Teleworking beyond teleradiology: managing radiology departments during the COVID-19 outbreak.** *Eur Radiol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876832>
37. Guiroy A, Gagliardi M, Coombes N *et al.* **COVID-19 Impact Among Spine Surgeons in Latin America.** *Global Spine J* 2020:2192568220928032.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32875914>
38. Zhang A, Liu W, Poon MC *et al.* **Management of haemophilia patients in the COVID-19 pandemic: Experience in Wuhan and Tianjin, two differently affected cities in China.** *Haemophilia* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892465>
39. Leiva O, Bhatt AS, Vaduganathan M. **Innovation in Ambulatory Care of Heart Failure in the Era of Coronavirus Disease 2019.** *Heart Fail. Clin.* 2020; 16:433-440. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888638>
40. Rim F, Kelly M, Meletio J, Liu S. **Restructuring the Peri-operative Pain Service to Palliative Care as a Response to the COVID-19 Pandemic.** *HSS J.* 2020:1-3.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32868976>
41. Vanni G, Legramante JM, Pellicciaro M *et al.* **Effect of Lockdown in Surgical Emergency Accesses: Experience of a COVID-19 Hospital.** *In Vivo* 2020; 34:3033-3038. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871849>
42. Vanni G, Pellicciaro M, Materazzo M *et al.* **Lockdown of Breast Cancer Screening for COVID-19: Possible Scenario.** *In Vivo* 2020; 34:3047-3053.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32871851>
43. Angrup A, Kanaujia R, Ray P, Biswal M. **Healthcare facilities in low- and middle-income countries affected by COVID-19: Time to upgrade basic infection control and prevention practices.** *Indian J. Med. Microbiol.* 2020; 38:139-143.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32883925>
44. Dhillon MS, Kumar D, Saini UC *et al.* **Changing Pattern of Orthopaedic Trauma Admissions During COVID-19 Pandemic: Experience at a Tertiary Trauma Centre in India.** *Indian J. Orthop.* 2020:1-6. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873987>
45. Dash S, Das R, Saha S, Singhal M. **Plastic Surgeons and COVID-19 Pandemic.** *Indian J. Plast. Surg.* 2020; 53:191-197. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884185>
46. Lee JS, Si HJ, Han SH *et al.* **Guidelines for Surgery of Confirmed or Suspected COVID-19 Patients.** *Infect Chemother* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?>

term=32869560

47. Flinn JB, Hynes NA, Sauer LM *et al.* **The role of dedicated biocontainment patient care units in preparing for COVID-19 and other infectious disease outbreaks.** Infect Control Hosp Epidemiol 2020:1-14. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883382>
48. Westhofen T, Magistro G, Lennartz S *et al.* **Confronting hidden COVID-19 burden: a telemedical solution for elective urological outpatient clinics.** Infection 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892301>
49. Kornbluth A, Kissous-Hunt M, George J, Legnani P. **Management of Inflammatory Bowel Disease and COVID-19 in New York City 2020: The Epicenter of IBD in the First Epicenter of the Global Pandemic.** Inflamm. Bowel Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879978>
50. Cransac-Miet A, Zeller M, Chagué F *et al.* **Impact of COVID-19 lockdown on lifestyle adherence in stay-at-home patients with chronic coronary syndromes: Towards a time bomb.** Int J Cardiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889019>
51. Bethoux F. **Editorial.** Int J MS Care 2020; 22:xi. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863789>
52. Thakolwiboon S, Zhao-Fleming H, Pan J *et al.* **Disease-Modifying Therapies During the COVID-19 Outbreak: A Narrative Review of International and National Recommendations.** Int J MS Care 2020; 22:151-157. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863782>
53. Qureshi MN, AlRajhi A. **Challenge of COVID-19 crisis managed by emergency department of a big tertiary centre in Saudi Arabia.** Int J Pediatr Adolesc Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868998>
54. Gelardi M, Giancaspro R, Fiore V *et al.* **COVID-19: Effects of lockdown on adenotonsillar hypertrophy and related diseases in children.** Int J Pediatr Otorhinolaryngol 2020; 138:110284. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861977>
55. Kligerman MP, Lamour S, Okerosi S. **Challenges facing otolaryngologists in low- and middle-income countries during the COVID-19 pandemic.** Int J Pediatr Otorhinolaryngol 2020; 138:110322. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861979>
56. Ziadé N, El Kibbi L, Hmamouchi I *et al.* **Impact of the COVID-19 pandemic on patients with chronic rheumatic diseases: A study in 15 Arab countries.** Int J Rheum Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892516>
57. Amalendran J, Chedid Y, Hamza Y *et al.* **A commentary on "Impact of the Coronavirus (COVID-19) pandemic on surgical practice - Part 1".** Int J Surg 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861894>
58. Narang A, Chan G, Aframian A *et al.* **Thirty-day mortality following surgical management of hip fractures during the COVID-19 pandemic: findings from a prospective multi-centre UK study.** Int. Orthop. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862265>
59. Sinclair C, Nolte L, White BP, K MD. **Advance care planning in Australia during the COVID-19 outbreak: now more important than ever.** Intern. Med. J. 2020; 50:918-923. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881275>
60. Carneiro-Leão L, Amaral L, Coimbra A, Plácido JL. **Real-life experience of an Allergy and Clinical Immunology Department in a Portuguese reference**

- COVID-19 hospital.** *J Allergy Clin Immunol Pract* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32890757>
61. Gelfand JM, Armstrong AW, Bell S *et al.* **National Psoriasis Foundation COVID-19 Task Force Guidance for Management of Psoriatic Disease During the Pandemic: Version 1.** *J Am Acad Dermatol* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891785>
62. Wong FL, Antoniou G, Williams N, Cundy PJ. **Disruption of paediatric orthopaedic hospital services due to the COVID-19 pandemic in a region with minimal COVID-19 illness.** *J. Child. Orthop.* 2020; 14:245-251.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874355>
63. Lunden DJ, Kelly BD, Shukla D *et al.* **A Decision Aide for the Risk Stratification of GU Cancer Patients at Risk of SARS-CoV-2 Infection, COVID-19 Related Hospitalization, Intubation, and Mortality.** *J Clin Med* 2020; 9.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32872607>
64. Wang HC, Li Z, Ting W, Wang X. **Suggestions for maintaining the functioning of plastic clinics during COVID-19 pandemic.** *J Cosmet Dermatol* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886417>
65. De Luca A, Ripa di Meana F, Vujovic B *et al.* **Reorganization of Istituti Fisioterapici Ospitalieri, an oncological and dermatological clinical and research center, to face the coronavirus health emergency: adopted measures and metrics of success to achieve and keep a COVID-19-free status.** *J. Exp. Clin. Cancer Res.* 2020; 39:177. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873322>
66. Ghanbari Z, Mostaan F, Eftekhari T *et al.* **Resumption of Elective Surgery Following COVID-19 Outbreak, Guideline for Female Pelvic Medicine and Surgery.** *J Family Reprod Health* 2020; 14:1-4.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863832>
67. Chela H, Pasha SB, Wan XF, Ghouri YA. **A Review on Medical Management of Inflammatory Bowel Diseases during the COVID-19 Pandemic.** *J Gastroenterol Hepatol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876952>
68. Das De S, Liang ZC, Cheah AE *et al.* **Emergency Hand and Reconstructive Microsurgery in the COVID-19-Positive Patient.** *J. Hand Surg. Am.* 2020; 45:869-875. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888437>
69. Singhvi A, Barghash M, Lala-Trindade A *et al.* **Challenges in heart transplantation during COVID-19: A single-center experience.** *J. Heart Lung Transplant.* 2020; 39:894-903. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891266>
70. Thompson A, Khan Z, Patterson A *et al.* **Potential Benefits from the Use of the Supraclavicular Artery Island Flap for Immediate Soft-Tissue Reconstruction During the COVID-19 Pandemic.** *J. Maxillofac. Oral Surg.* 2020:1-6.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874025>
71. Rutkowski J, Camm DP, El Chaar E. **AAID White Paper: Management of the Dental Implant Patient During the Coronavirus Pandemic and Beyond.** *J. Oral Implantol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882035>
72. Newman AM, Jhaveri R, Patel AB *et al.* **Trisomy 21 and COVID-19 in Pediatric Patients.** *J. Pediatr.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861693>
73. Batt J, Cook N, Nadeem M, Sahu A. **Dilutional local anaesthetic techniques in oncoplastic breast surgery and potential benefits during the COVID-19 pandemic and beyond.** *J Perioper Pract* 2020; 30:277-282.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32869726>

74. Agarwal R, Singhal M, Shankhdhar VK *et al.* **Plastic surgery practices amidst global COVID-19 pandemic: Indian consensus.** *J. Plast. Reconstr. Aesthet. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878726>
75. Raj Kumar B, Pandey D, Rohila J *et al.* **An observational study of the demographic and treatment changes in a tertiary colorectal cancer center during the COVID-19 pandemic.** *J. Surg. Oncol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885429>
76. Mouawad NJ, Woo K, Malgor RD *et al.* **The impact of the COVID-19 pandemic on vascular surgery practice in the United States.** *J. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889073>
77. Valdivia AR, San Norberto E, Moreno R *et al.* **Massive Drop in elective and urgent Aortic Procedures during the peak of the COVID-19 outbreak in Spanish multicenter analysis.** *J. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890717>
78. Castillo-Allendes A, Contreras-Ruston F, Cantor-Cutiva LC *et al.* **Voice Therapy in the Context of the COVID-19 Pandemic: Guidelines for Clinical Practice.** *J. Voice* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878736>
79. Almazyad EM, Ameen S, Khan MA, Malik R. **Guidelines and Recommendations for Tonometry Use during the COVID-19 Era.** *Middle East Afr J Ophthalmol* 2020; 27:73-78. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874038>
80. Martin-Broto J, Hindi N, Aguiar S, Jr. *et al.* **SARCOMA EUROPEAN & LATIN AMERICAN NETWORK (SELNET) RECOMMENDATIONS ON PRIORITIZATION IN SARCOMA CARE DURING COVID-19 PANDEMIC.** *Oncologist* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888360>
81. Sarra G, Neves ILI, Moreira MS *et al.* **Implications in oral health care for recovered cardiac patients: long-term effects of COVID-19 pandemic.** *Oral Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865295>
82. Yu J, Hua F, Qin D *et al.* **Impact of citywide COVID-19 testing on people's behaviour in seeking for dental services in Wuhan.** *Oral Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881174>
83. Forner D, Noel CW, Densmore R *et al.* **Shared Decision Making for Surgical Care in the Era of COVID-19.** *Otolaryngol Head Neck Surg* 2020:194599820954138. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867581>
84. Pearlman AN, Tabaee A, Sclafani AP *et al.* **Establishing an Office-Based Framework for Resuming Otolaryngology Care in Academic Practice During the COVID-19 Pandemic.** *Otolaryngol Head Neck Surg* 2020:194599820955178. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867585>
85. Olabumuyi AA, Ali-Gombe M, Biyi-Olutunde OA *et al.* **Oncology practice in the COVID-19 pandemic: a report of a Nigerian expert panel discussion (oncology care in Nigeria during the COVID-19 pandemic).** *Pan Afr. Med. J.* 2020; 36:153. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874417>
86. Wittmeier K, Parsons J, Webber S *et al.* **Operational Considerations for Physical Therapy During COVID-19: A Rapid Review.** *Phys Ther* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886789>
87. Hosni A, Chiu K, Hui Huang S *et al.* **Non-operative management for oral cavity carcinoma: definitive radiation therapy as a potential alternative treatment approach.** *Radiother Oncol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861702>

88. Forner Cordero I, López Martin M, Reina Gutiérrez L *et al.* **[Management of patients with lymphatic diseases and lipoedema during the COVID-19 pandemic. Recommendations of the Spanish Group of Lymphology].** Rehabilitacion (Madr)_2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863012>
89. O'Brien A, Campling J, Goodman H, Chang CL. **Co-diagnoses of acute myeloid leukaemia and COVID-19: presentation and management implications.** Respirol Case Rep_2020; 8:e00650. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864140>
90. Yang J, Liu J, Li S, Hong L. **Treatment and Prevention Strategies for Patients with Gynecological Malignancies During the COVID-19 Pandemic.** Risk Manag. Healthc. Policy_2020; 13:1181-1185. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884379>
91. Ganesh R, Lucocq J, Ekpete NO *et al.* **Management of appendicitis during COVID-19 pandemic; short-term outcomes.** Scott. Med. J. 2020:36933020956316. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878574>
92. Pala L, Conforti F, Saponara M *et al.* **Data of Italian Cancer Centers from two regions with high incidence of SARS CoV-2 infection provide evidence for the successful management of patients with locally advanced and metastatic melanoma treated with immunotherapy in the era of COVID-19.** Semin. Oncol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883537>
93. Connelly TM, Bass GA, Earley H *et al.* **A dramatic reduction in surgical consults in a University Teaching Hospital during the COVID-19 pandemic.** Surgeon 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863130>
94. Hamdy SM, Abdel-Naseer M, Shehata HS *et al.* **Management Strategies of Patients with Neuromyelitis Optica Spectrum Disorder During the COVID-19 Pandemic Era.** Ther. Clin. Risk Manag._2020; 16:759-767. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884277>
95. Romanzi A, Vannelli A. **Comment on "Response of a comprehensive cancer center to the COVID-19 pandemic: the experience of the Fondazione IRCCS-Istituto Nazionale dei Tumori di Milano".** Tumori_2020:300891620953471. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867623>
96. Nikonov EL, Kryukov AI, Kunelskaya NL *et al.* **[ENT care in the context of the new coronavirus infection COVID-19].** Vestn. Otorinolaringol. 2020; 85:70-76. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885641>
97. Couñago F, Navarro-Martin A, Luna J *et al.* **GOECP/SEOR clinical recommendations for lung cancer radiotherapy during the COVID-19 pandemic.** World J. Clin. Oncol. 2020; 11:510-527. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879841>
98. Jayakumar N, Kennion O, Villabona AR *et al.* **Neurosurgical referral patterns during the COVID-19 pandemic: A United Kingdom experience.** World Neurosurg_2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890845>
99. Lubansu A, Assamadi M, Barrit S *et al.* **COVID-19 impact on neurosurgical practice: lockdown attitude and experience of a European academic center.** World Neurosurg_2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891850>

Management (73 articles)

1. Chaabouni M, Feki W, Chaabouni K, Kammoun S. **Vitamin D supplementation to prevent COVID-19 in patients with COPD: a research perspective.** Adv Respir Med_2020; 88:364-365. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869273>

2. Davoli F, Poletti V, Stella F. **Three-chamber chest drain system in the COVID-19 era: is there a risk of further transmission?** *Adv Respir Med* 2020; 88:366-368. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869274>
3. Fiorino S, Gallo C, Zippi M *et al.* **Cytokine storm in aged people with CoV-2: possible role of vitamins as therapy or preventive strategy.** *Aging Clin. Exp. Res.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865757>
4. Gómez-Ochoa SA, Franco OH, Rojas LZ *et al.* **COVID-19 in Healthcare Workers: A Living Systematic Review and Meta-analysis of Prevalence, Risk Factors, Clinical Characteristics, and Outcomes.** *Am. J. Epidemiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870978>
5. Shaban RZ, Nahidi S, Sotomayor-Castillo C *et al.* **SARS-CoV-2 infection and COVID-19: The lived experience and perceptions of patients in isolation and care in an Australian healthcare setting.** *Am. J. Infect. Control* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890549>
6. Patel P, Yu Y, Zia S *et al.* **Systemic Thrombolysis as Initial Treatment of COVID-19 Associated Acute Aortoiliac and Lower Extremity Arterial Thrombosis.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861850>
7. Vlahakos VD, Marathias KP, Arkadopoulos N, Vlahakos DV. **Hyperferritinemia in patients with COVID-19: An opportunity for iron chelation?** *Artif. Organs* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882061>
8. Cura Yayla BC, Ozsurekci Y, Aykac K *et al.* **Characteristics and Management of Children With COVID-19 in Turkey.** *Balkan Med J* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865382>
9. Rees EM, Nightingale ES, Jafari Y *et al.* **COVID-19 length of hospital stay: a systematic review and data synthesis.** *BMC Med* 2020; 18:270. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878619>
10. Li LW, Chew AMK, Gunasekeran DV. **Digital health for patients with chronic pain during the COVID-19 pandemic.** *Br J Anaesth* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863018>
11. Lino D, Barreto R, Souza FD *et al.* **Impact of lockdown on bed occupancy rate in a referral hospital during the COVID-19 pandemic in northeast Brazil.** *Braz. J. Infect. Dis.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888904>
12. Ahmad I, Jeyarajah J, Nair G *et al.* **A prospective, observational, cohort study of airway management of patients with COVID-19 by specialist tracheal intubation teams.** *Can J Anaesth* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886298>
13. Aliter KF, Al-Horani RA. **Thrombin Inhibition by Argatroban: Potential Therapeutic Benefits in COVID-19.** *Cardiovasc. Drugs Ther.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870433>
14. Demirjian NL, Fields BKK, Song C *et al.* **Impacts of the Coronavirus Disease 2019 (COVID-19) pandemic on healthcare workers: A nationwide survey of United States radiologists.** *Clin Imaging* 2020; 68:218-225. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892107>
15. Mauro A, De Grazia F, Lenti MV *et al.* **Upper gastrointestinal bleeding in COVID-19 inpatients: Incidence and management in a multicenter experience from Northern Italy.** *Clin Res Hepatol Gastroenterol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888875>
16. Shi C, Wang C, Wang H *et al.* **The potential of low molecular weight heparin to mitigate cytokine storm in severe COVID-19 patients: a retrospective cohort**

- study.** Clin Transl Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881340>
17. Soh M, Hifumi T, Isokawa S *et al.* **The application of 6S in the care of COVID-19 patients: a Japanese perspective.** Crit Care 2020; 24:542.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32873318>
 18. Patankar A, Modi P, Uppe A *et al.* **COVID-19 and Management of Severe Acute Respiratory Infection (SARI): A Questionnaire-Based Study Among Indian Healthcare Professionals.** Curr Health Sci J 2020; 46:156-166.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874688>
 19. Murgo S, Lheureux O, Taccone F *et al.* **Haemoptysis treated by bronchial artery embolisation in severe acute respiratory syndrome coronavirus 2: case report.** CVIR Endovasc 2020; 3:61. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889589>
 20. Schenk M. **Beatmete Patienten: Ursachen der COVID-19-Mortalität.** Deutsches Arzteblatt International 2020; 117:A1554-A1556.
 21. Mbunge E. **Integrating emerging technologies into COVID-19 contact tracing: Opportunities, challenges and pitfalls.** Diabetes Metab Syndr 2020; 14:1631-1636. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892060>
 22. Rab S, Javaid M, Haleem A, Vaishya R. **Face masks are new normal after COVID-19 pandemic.** Diabetes Metab Syndr 2020; 14:1617-1619.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32889402>
 23. Maslanka M, Hurwitz J. **An Eye on Covid: Hurricane Preparedness at a COVID-19 Alternative Care Site.** Disaster Med Public Health Prep 2020:1-16.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32878675>
 24. Uppal H, Rai S. **Role of Rehabilitation during COVID-19 pandemic: An Indian Perspective.** Disaster Med Public Health Prep 2020:1-11.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32873367>
 25. Šifrer R, Urbančič J, Piazza C *et al.* **Emergent tracheostomy during the pandemic of COVID-19: Slovenian National Recommendations.** Eur Arch Otorhinolaryngol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889621>
 26. Nigro E, Polito R, Alfieri A *et al.* **Molecular mechanisms involved in the positive effects of physical activity on coping with COVID-19.** Eur. J. Appl. Physiol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32885275>
 27. Sahebnasagh A, Saghafi F, Avan R *et al.* **The prophylaxis and treatment potential of supplements for COVID-19.** Eur. J. Pharmacol. 2020:173530.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32882216>
 28. Triposkiadis F, Starling RC, Xanthopoulos A *et al.* **Renin-angiotensin-system inhibition in the context of corona virus disease-19: experimental evidence, observational studies, and clinical implications.** Heart Fail. Rev. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32875490>
 29. Zou L, Sun J, Liu Y *et al.* **Surviving 2019 novel coronavirus pneumonia: A successful critical case report.** Heart Lung 2020; 49:692-695.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861887>
 30. Pudzuhn A, Voegeler S, Berger C *et al.* **Elective tracheostomy in COVID-19 patients: experience with a standardized interdisciplinary approach.** HNO 2020.
 31. Mooney B, Lawrence C, Johnson EG *et al.* **How COVID-19 Patients Were Moved to Speak: A Rehabilitation Interdisciplinary Case Series.** HSS J. 2020:1-8.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32868977>
 32. Salins N, Mani RK, Gursahani R *et al.* **Symptom Management and Supportive Care of Serious COVID-19 Patients and their Families in India.** Indian J. Crit.

- Care Med. 2020; 24:435-444. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863637>
33. Verma VR, Saini A, Gandhi S *et al.* **Capacity-need gap in hospital resources for varying mitigation and containment strategies in India in the face of COVID-19 pandemic.** Infect Dis Model 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875175>
 34. Baldassarre A, Giorgi G, Alessio F *et al.* **Stigma and Discrimination (SAD) at the Time of the SARS-CoV-2 Pandemic.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878180>
 35. Bentlage E, Ammar A, How D *et al.* **Practical Recommendations for Maintaining Active Lifestyle during the COVID-19 Pandemic: A Systematic Literature Review.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872154>
 36. Canello R, Soranna D, Zambra G *et al.* **Determinants of the Lifestyle Changes during COVID-19 Pandemic in the Residents of Northern Italy.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872336>
 37. Knell G, Robertson MC, Dooley EE *et al.* **Health Behavior Changes During COVID-19 Pandemic and Subsequent "Stay-at-Home" Orders.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872179>
 38. Colebunders R, Siewe Fodjo JN, Vanham G, Van den Bergh R. **A call for strengthened evidence on targeted, non-pharmaceutical interventions against COVID-19 for the protection of vulnerable individuals in sub-Saharan Africa.** Int J Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861825>
 39. Stein KV, Goodwin N, Miller R. **From Crisis to Coordination: Challenges and Opportunities for Integrated Care posed by the COVID-19 Pandemic.** Int J Integr Care 2020; 20:7. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863805>
 40. Schroeder K, Norful AA, Travers J, Aliyu S. **Nursing perspectives on care delivery during the early stages of the covid-19 pandemic: A qualitative study.** Int J Nurs Stud Adv 2020:100006. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864632>
 41. Bauer J, Brüggmann D, Klingelhöfer D *et al.* **Access to intensive care in 14 European countries: a spatial analysis of intensive care need and capacity in the light of COVID-19.** Intensive Care Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886208>
 42. Hussain A, Noorani A, Deshpande R *et al.* **Management of pneumothorax in mechanically ventilated COVID-19 patients: early experience.** Interact. Cardiovasc. Thorac. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865193>
 43. Douillet D, Mahieu R, Boiveau V *et al.* **Outpatient management or hospitalization of patients with proven or suspected SARS-CoV-2 infection: the HOME-CoV rule.** Intern Emerg Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888112>
 44. Vyas N, Kurian SJ, Bagchi D *et al.* **Vitamin D in Prevention and Treatment of COVID-19: Current Perspective and Future Prospects.** J. Am. Coll. Nutr. 2020:1-14. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870735>
 45. Aoyama H, Uchida K. **Respiratory characteristics and related intraoperative ventilatory management for patients with COVID-19 pneumonia.** J. Anesth. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865700>
 46. Mejía-Terrazas GE, López-Muñoz E. **Supplemental oxygen in surgical patients with COVID-19.** J. Anesth. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862273>

47. Fiore A, Piscitelli M, Adodo DK *et al.* **Successful Use of Extracorporeal Membrane Oxygenation Postpartum as Rescue Therapy in a Woman With COVID-19.** *J Cardiothorac Vasc Anesth* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888800>
48. McGrath BA, Pelosi P, Schultz MJ, Brenner MJ. **Preoperative apnea trial and considerations regarding timing of tracheostomy in anesthetic planning for patient with COVID-19 disease.** *J. Clin. Anesth.* 2020; 67:110013. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890938>
49. Azran C, Porat D, Dahan A, Dicker D. **Treatment of COVID-19 Patients Post-Bariatric Surgery: Issues for Consideration.** *J Clin Med* 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878333>
50. Lee YH, Choi KJ, Choi SH *et al.* **Clinical Significance of Timing of Intubation in Critically Ill Patients with COVID-19: A Multi-Center Retrospective Study.** *J Clin Med* 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887462>
51. Ferguson J, Volk S, Vondracek T *et al.* **Empiric therapeutic anticoagulation and mortality in critically ill patients with respiratory failure from SARS-CoV-2: A retrospective cohort study.** *J. Clin. Pharmacol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885463>
52. Schmidt BM, Munson ME, Rothenberg GM *et al.* **Strategies to reduce severe diabetic foot infections and complications during epidemics (STRIDE).** *J. Diabetes Complications* 2020:107691. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883566>
53. Renke C, Callow L, Egnor T *et al.* **Utilization of Pediatric Nurse Practitioners as Adult Critical Care Providers During the COVID-19 Pandemic: A Novel Approach.** *J. Pediatr. Health Care* 2020; 34:490-494. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861427>
54. Kow CS, Zaihan AF, Hasan SS. **Anticoagulant approach in COVID-19 patients with cerebral venous thrombosis.** *J. Stroke Cerebrovasc. Dis.* 2020:105222. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891494>
55. Thachil J, Juffermans NP, Ranucci M *et al.* **ISTH DIC subcommittee communication on anticoagulation in COVID-19.** *J Thromb Haemost* 2020; 18:2138-2144. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881336>
56. Al-Otaibi M, Iftikhar O, Brailovsky Y *et al.* **Catheter-Directed Thrombolysis of Iliocaval Thrombosis in Patients with COVID-19.** *JACC Case Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864630>
57. Jin YH, Zhan QY, Peng ZY *et al.* **Chemoprophylaxis, diagnosis, treatments, and discharge management of COVID-19: An evidence-based clinical practice guideline (updated version).** *Mil Med Res* 2020; 7:41. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887670>
58. Alkhatib A. **Antiviral Functional Foods and Exercise Lifestyle Prevention of Coronavirus.** *Nutrients* 2020; 12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872374>
59. Robson SJ, Eagles JM. **The Temple Vie weight management and lifestyle programme: initial data and reflections on Covid-19.** *Obes Med* 2020; 20:100294. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864502>
60. Chen EC, Zon RL, Battinelli EM, Connors JM. **Approach to the Patient with COVID-19-Associated Thrombosis: A Case-Based Review.** *Oncologist* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881209>

61. Carretta G, Contessa C, Boemo DG *et al.* **COVID-19 challenge: proactive management of a Tertiary University Hospital in Veneto Region, Italy.** Pathog Glob Health 2020; 114:309-317. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862823>
62. Gräfe VKA. **COVID-19 patients: Recommendations from intensive care physicians.** Pharm. Ztg. 2020; 165:42.
63. Luo Z, Su K, Zhang X. **Potential of Plant Proteins Digested In Silico by Gastrointestinal Enzymes as Nutritional Supplement for COVID-19 Patients.** Plant Foods Hum. Nutr. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870435>
64. Chiang SS, Aboutanos MB, Jawa RS *et al.* **Controversies in Tracheostomy for Patients With COVID-19: The When, Where, and How.** Respir. Care 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873749>
65. García-Sierra RM, Badia Perich E, Manresa Dominguez JM *et al.* **[Descriptive study of the health service workers of a Primary Care Department confined by Covid-19.].** Rev. Esp. Salud Publica 2020; 94. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880381>
66. Li Y, Luo B. **Frontline Health-Care Workers in Combating the COVID-19: Respect and Reflect.** Risk Manag. Healthc. Policy 2020; 13:1119-1122. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884373>
67. Davies HJ, Williams I, Peters NS, Mandic DP. **In-Ear SpO(2): A Tool for Wearable, Unobtrusive Monitoring of Core Blood Oxygen Saturation.** Sensors (Basel) 2020; 20. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872310>
68. Fang Z, Li AI, Wang H *et al.* **AmbuBox: A Fast-Deployable Low-Cost Ventilator for COVID-19 Emergent Care.** SLAS Technol 2020:2472630320953801. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882150>
69. Vitiello A, Pelliccia C, Ferrara F. **COVID-19 Patients with Pulmonary Fibrotic Tissue: Clinical Pharmacological Rational of Antifibrotic Therapy.** SN Compr Clin Med 2020:1-4. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875276>
70. Noll E, Muccioli C, Ludes PO *et al.* **Surgical Support for Severe COVID-19 Patients: A Retrospective Cohort Study in a French High-Density COVID-19 Cluster.** Surg. Innov. 2020:1553350620954571. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877312>
71. Busani S, Dall'Ara L, Tonelli R *et al.* **Surfactant replacement might help recovery of low-compliance lung in severe COVID-19 pneumonia.** Ther. Adv. Respir. Dis. 2020; 14:1753466620951043. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865137>
72. Eldanasory OA, Eljaaly K, Memish ZA, Al-Tawfiq JA. **Histamine release theory and roles of antihistamine in the treatment of cytokines storm of COVID-19.** Travel Med Infect Dis 2020:101874. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891724>
73. Peng M, Ren D, Liu YF *et al.* **Two mechanically ventilated cases of COVID-19 successfully managed with a sequential ventilation weaning protocol: Two case reports.** World J Clin Cases 2020; 8:3305-3313. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874986>

Mental – public health (95 articles)

1. Vignaud P, Prieto N. **[Psychological impact of the COVID-19 pandemic on health care professionals].** Actual. Pharm. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863554>

2. García-Portilla P, de la Fuente Tomás L, Bobes-Bascarán T *et al.* **Are older adults also at higher psychological risk from COVID-19?** *Aging Ment. Health* 2020;1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870024>
3. Lai FH, Yan EW, Yu KK *et al.* **The Protective Impact of Telemedicine on Persons With Dementia and Their Caregivers During the COVID-19 Pandemic.** *Am J Geriatr Psychiatry* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873496>
4. Michaud L, Bourquin C, Froté Y *et al.* **[When hotlines remain cold: Psychological support in the time of pandemic].** *Ann. Med. Psychol. (Paris)* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863390>
5. Bierwiazzonek K, Kunst JR, Pich O. **Belief in COVID-19 Conspiracy Theories Reduces Social Distancing over Time.** *Appl Psychol Health Well Being* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864837>
6. Ravindran S, P LN, Channaveerachari NK *et al.* **Crossing barriers: Role of a tele-outreach program addressing psychosocial needs in the midst of COVID-19 pandemic.** *Asian J Psychiatr* 2020; 53:102351. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871399>
7. Zvolensky MJ, Garey L, Rogers AH *et al.* **Psychological, addictive, and health behavior implications of the COVID-19 pandemic.** *Behav. Res. Ther.* 2020; 134:103715. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891956>
8. Kaushal N, Keith N, Aguiñaga S, Hagger MS. **Social Cognition and Socioecological Predictors of Home-Based Physical Activity Intentions, Planning, and Habits during the COVID-19 Pandemic.** *Behav Sci (Basel)* 2020; 10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878142>
9. Boland B, Gale T. **Mental and behavioural disorders and COVID-19-associated death in older people.** *BJPsych Open* 2020; 6:e101. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878679>
10. Ning X, Yu F, Huang Q *et al.* **The mental health of neurological doctors and nurses in Hunan Province, China during the initial stages of the COVID-19 outbreak.** *BMC Psychiatry* 2020; 20:436. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891124>
11. Sergeant A, van Reekum EA, Sanger N *et al.* **Impact of COVID-19 and other pandemics and epidemics on people with pre-existing mental disorders: a systematic review protocol and suggestions for clinical care.** *BMJ Open* 2020; 10:e040229. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873685>
12. Wu M, Han H, Lin T *et al.* **Prevalence and risk factors of mental distress in China during the outbreak of COVID-19: A national cross-sectional survey.** *Brain Behav* 2020:e01818. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869541>
13. Malla A, Joobar R. **COVID-19 and the Future with Digital Mental Health: Need for Attention to Complexities.** *Can. J. Psychiatry* 2020:706743720957824. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885686>
14. Toprak Celenay S, Karaaslan Y, Mete O, Ozer Kaya D. **Coronaphobia, musculoskeletal pain, and sleep quality in stay-at home and continued-working persons during the 3-month Covid-19 pandemic lockdown in Turkey.** *Chronobiol. Int.* 2020:1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878506>
15. Riley ED, Hickey MD, Imbert E *et al.* **COVID-19 and HIV spotlight the U.S. imperative for permanent affordable housing.** *Clin Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887980>
16. Sharma M, Creutzfeldt CJ, Lewis A *et al.* **Healthcare professionals' perceptions of critical care resource availability and factors associated with mental well-**

- being during COVID-19: Results from a US survey.** Clin Infect Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877508>
17. Riordan P, Stika M, Goldberg J, Drzewiecki M. **COVID-19 and clinical neuropsychology: A review of neuropsychological literature on acute and chronic pulmonary disease.** Clin. Neuropsychol. 2020:1-18. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883155>
 18. Grannell A, le Roux CW, McGillicuddy D. **"I am terrified of something happening to me" The lived experience of people with obesity during the COVID-19 pandemic.** Clin Obes 2020:e12406. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885595>
 19. Wu S, Li Z, Li Z *et al.* **The mental state and risk factors of Chinese medical staff and medical students in early stages of the COVID-19 epidemic.** Compr. Psychiatry 2020; 102:152202. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866693>
 20. Garg A, Marji A, Goyal S, Ismail R. **A Case of COVID-19 With Memory Impairment and Delayed Presentation as Stroke.** Cureus 2020; 12:e10025. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864278>
 21. Rajkumar RP. **Warriors, Worriers, and COVID-19: An Exploratory Study of the Catechol O-Methyltransferase Val158Met Polymorphism Across Populations.** Cureus 2020; 12:e10103. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879833>
 22. Saqib MAN, Siddiqui S, Qasim M *et al.* **Effect of COVID-19 lockdown on patients with chronic diseases.** Diabetes Metab Syndr 2020; 14:1621-1623. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889403>
 23. Singhai K, Swami MK, Nebhinani N *et al.* **Psychological adaptive difficulties and their management during COVID-19 pandemic in people with diabetes mellitus.** Diabetes Metab Syndr 2020; 14:1603-1605. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862099>
 24. Alessi J, de Oliveira GB, Franco DW *et al.* **Mental health in the era of COVID-19: prevalence of psychiatric disorders in a cohort of patients with type 1 and type 2 diabetes during the social distancing.** Diabetol. Metab. Syndr. 2020; 12:76. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879637>
 25. Samadipour E, Ghardashi F, Aghaei N. **Evaluation of Risk Perception of Covid-19 Disease: A Community-based Participatory Study.** Disaster Med Public Health Prep 2020:1-20. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873355>
 26. Chasson M, Taubman-Ben-Ari O, Abu-Sharkia S. **Jewish and Arab pregnant women's psychological distress during the COVID-19 pandemic: the contribution of personal resources.** Ethn. Health 2020:1-13. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877202>
 27. Di Giorgio E, Di Riso D, Mioni G, Cellini N. **The interplay between mothers' and children behavioral and psychological factors during COVID-19: an Italian study.** Eur. Child Adolesc. Psychiatry 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865654>
 28. Esposito V, Rania E, Lico D *et al.* **Influence of COVID-19 pandemic on the psychological status of infertile couples.** Eur. J. Obstet. Gynecol. Reprod. Biol. 2020; 253:148-153. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866858>
 29. Liu L, Xue P, Li SX *et al.* **Urban-rural disparities in mental health problems related to COVID-19 in China.** Gen. Hosp. Psychiatry 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868097>
 30. De Sousa A, D'Souza R. **Embitterment: The Nature of the Construct and Critical Issues in the Light of COVID-19.** Healthcare (Basel) 2020; 8.

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867105>
31. Salins N, Mani RK, Gursahani R *et al.* **Symptom Management and Supportive Care of Serious COVID-19 Patients and their Families in India.** Indian J. Crit. Care Med. 2020; 24:435-444. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863637>
 32. Lim JM, Tun ZM, Kumar V *et al.* **Population anxiety and positive behaviour change during the COVID-19 epidemic: Cross-sectional surveys in Singapore, China and Italy.** Influenza Other Respir Viruses 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889784>
 33. Li DJ, Kao WT, Shieh V *et al.* **Development and Implementation of Societal Influences Survey Questionnaire (SISQ) for Peoples during COVID-19 Pandemic: A Validity and Reliability Analysis.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867323>
 34. Nwachukwu I, Nkire N, Shalaby R *et al.* **COVID-19 Pandemic: Age-Related Differences in Measures of Stress, Anxiety and Depression in Canada.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882922>
 35. Sundarasan S, Chinna K, Kamaludin K *et al.* **Psychological Impact of COVID-19 and Lockdown among University Students in Malaysia: Implications and Policy Recommendations.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867024>
 36. Xie K, Liang B, Dulebenets MA, Mei Y. **The Impact of Risk Perception on Social Distancing during the COVID-19 Pandemic in China.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867381>
 37. Zhou Y, MacGeorge EL, Myrick JG. **Mental Health and Its Predictors during the Early Months of the COVID-19 Pandemic Experience in the United States.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877985>
 38. Rahmatpour P, Sharif Nia H, Sivarajan Froelicher E *et al.* **Psychometric Evaluation of Persian Version of Nurses' Intention to Care Scale (P-NICS) for Patients with COVID-19.** Int. J. Gen. Med. 2020; 13:515-522. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884331>
 39. Lee ATC, Mo FYM, Lam LCW. **Higher psychogeriatric admissions in COVID-19 than in SARS.** Int. J. Geriatr. Psychiatry 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892460>
 40. Sánchez OR, Vale DB, Rodrigues L, Surita FG. **Violence against women during the COVID-19 pandemic: An integrative review.** Int J Gynaecol Obstet 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880941>
 41. van Ryneveld M, Whyte E, Brady L. **What Is COVID-19 Teaching Us About Community Health Systems? A Reflection From a Rapid Community-Led Mutual Aid Response in Cape Town, South Africa.** Int J Health Policy Manag 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892520>
 42. Barello S, Falcó-Pegueroles A, Rosa D *et al.* **The psychosocial impact of flu influenza pandemics on healthcare workers and lessons learnt for the COVID-19 emergency: a rapid review.** Int J Public Health 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888048>
 43. Roy A, Singh AK, Mishra S *et al.* **Mental health implications of COVID-19 pandemic and its response in India.** Int J Soc Psychiatry 2020:20764020950769. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873106>

44. Lin CY, Broström A, Griffiths MD, Pakpour AH. **Investigating mediated effects of fear of COVID-19 and COVID-19 misunderstanding in the association between problematic social media use, psychological distress, and insomnia.** Internet Interv 2020;100345. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868992>
45. An Y, Yang Y, Wang A *et al.* **Prevalence of depression and its impact on quality of life among frontline nurses in emergency departments during the COVID-19 outbreak.** J. Affect. Disord. 2020; 276:312-315. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871661>
46. Fang X, Zhang J, Teng C *et al.* **Depressive symptoms in the front-line non-medical workers during the COVID-19 outbreak in Wuhan.** J. Affect. Disord. 2020; 276:441-445. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871675>
47. Serrano-Ripoll MJ, Meneses-Echavez JF, Ricci-Cabello I *et al.* **Impact of viral epidemic outbreaks on mental health of healthcare workers: a rapid systematic review and meta-analysis.** J. Affect. Disord. 2020; 277:347-357. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861835>
48. Shangguan F, Quan X, Qian W *et al.* **Prevalence and correlates of somatization in anxious individuals in a Chinese online crisis intervention during COVID-19 epidemic.** J. Affect. Disord. 2020; 277:436-442. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866802>
49. Tee ML, Tee CA, Anlacan JP *et al.* **Psychological impact of COVID-19 pandemic in the Philippines.** J. Affect. Disord. 2020; 277:379-391. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861839>
50. van der Velden PG, Contino C, Das M *et al.* **Anxiety and depression symptoms, and lack of emotional support among the general population before and during the COVID-19 pandemic. A prospective national study on prevalence and risk factors.** J. Affect. Disord. 2020; 277:540-548. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889378>
51. Zhao H, He X, Fan G *et al.* **COVID-19 infection outbreak increases anxiety level of general public in China: involved mechanisms and influencing factors.** J. Affect. Disord. 2020; 276:446-452. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871676>
52. Zhou Y, Wang W, Sun Y *et al.* **The prevalence and risk factors of psychological disturbances of frontline medical staff in china under the COVID-19 epidemic: Workload should be concerned.** J. Affect. Disord. 2020; 277:510-514. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882508>
53. Willner P, Rose J, Stenfert Kroese B *et al.* **Effect of the covid-19 pandemic on the mental health of carers of people with intellectual disabilities.** J Appl Res Intellect Disabil 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885897>
54. Mazumder S. **How important is social trust during the COVID-19 crisis period? Evidence from the Fed announcements.** J Behav Exp Finance 2020:100387. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868990>
55. Branley-Bell D, Talbot CV. **Exploring the impact of the COVID-19 pandemic and UK lockdown on individuals with experience of eating disorders.** J Eat Disord 2020; 8:44. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874585>
56. Freckelton I, Raposo VL. **International Access to Public Health Data: An Important Brazilian Legal Precedent.** J. Law Med. 2020; 27:895-900. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880407>
57. Zhang W, Yang X, Zhao J *et al.* **Depression and Psychological-Behavioral Responses Among the General Public in China During the Early Stages of the**

- COVID-19 Pandemic: Survey Study.** J Med Internet Res 2020; 22:e22227.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886066>
58. Fitting S, McRae M, Hauser KF. **Opioid and neuroHIV Comorbidity - Current and Future Perspectives.** J. Neuroimmune Pharmacol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32876803>
59. Levine A, Sacktor N, Becker JT. **Studying the neuropsychological sequelae of SARS-CoV-2: lessons learned from 35 years of neuroHIV research.** J. Neurovirol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880873>
60. Li X, Zhou Y, Xu X. **Factors associated with the psychological well-being among front-line nurses exposed to COVID-2019 in China: A predictive study.** J. Nurs. Manag. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890453>
61. Helton G, Wolfe J, Snaman JM. **"Definitely Mixed Feelings:" The effect of COVID-19 on bereavement in parents of children who died from cancer.** J Pain Symptom Manage 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889042>
62. Miaskowski C, Paul SM, Snowberg K *et al.* **STRESS AND SYMPTOM BURDEN IN ONCOLOGY PATIENTS DURING THE COVID-19 PANDEMIC.** J Pain Symptom Manage 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889039>
63. Ayaz R, Hocaoglu M, Günay T *et al.* **Anxiety and depression symptoms in the same pregnant women before and during the COVID-19 pandemic.** J. Perinat. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887191>
64. Bäuerle A, Steinbach J, Schweda A *et al.* **Mental Health Burden of the COVID-19 Outbreak in Germany: Predictors of Mental Health Impairment.** J. Prim. Care Community Health 2020; 11:2150132720953682.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32865107>
65. Ben-Ezra M, Cary N, Goodwin R. **The association between COVID-19 WHO non-recommended behaviors with psychological distress in the UK population: A preliminary study.** J. Psychiatr. Res. 2020; 130:286-288.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861984>
66. Shrira A, Maytles R, Frenkel-Yosef M. **Suffering from infectious diseases during the Holocaust relates to amplified psychological reactions during the COVID-19 pandemic.** J. Psychiatr. Res. 2020; 130:421-423.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891917>
67. Syed NK, Griffiths MD. **Nationwide suicides due to alcohol withdrawal symptoms during COVID-19 pandemic: A review of cases from media reports.** J. Psychiatr. Res. 2020; 130:289-291. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866677>
68. Hamaguchi R, Nematollahi S, Minter DJ. **Picture of a pandemic: visual aids in the COVID-19 crisis.** J Public Health (Oxf) 2020; 42:483-485.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32880394>
69. Kim HH, Laurence J. **COVID-19 restrictions and mental distress among American adults: evidence from Corona Impact Survey (W1 and W2).** J Public Health (Oxf) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880640>
70. Stickley A, Matsubayashi T, Ueda M. **Loneliness and COVID-19 preventive behaviours among Japanese adults.** J Public Health (Oxf) 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32880635>
71. Abedi V, Olulana O, Avula V *et al.* **Racial, Economic, and Health Inequality and COVID-19 Infection in the United States.** J Racial Ethn Health Disparities 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32875535>

72. Shilo G, Mor Z. **COVID-19 and the Changes in the Sexual Behavior of Men Who Have Sex With Men: Results of an Online Survey.** *J. Sex. Med.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883631>
73. Shalhub S, Mouawad NJ, Malgor RD *et al.* **Global vascular surgeons experience, stressors, and coping during the COVID-19 pandemic.** *J. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882345>
74. Brewer LC, Hayes SN, Cooper LA. **Have a Heart: Addressing the Gradient of Social Determinants of Health during the COVID-19 Era.** *JACC Case Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864631>
75. Wand APF, Peisah C. **COVID-19 and suicide in older adults.** *Med. J. Aust.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888213>
76. Almater AI, Tobaigy MF, Younis AS *et al.* **Effect of 2019 Coronavirus Pandemic on Ophthalmologists Practicing in Saudi Arabia: A Psychological Health Assessment.** *Middle East Afr J Ophthalmol* 2020; 27:79-85. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874039>
77. Sultana S, Ananthapur V. **COVID-19 and its impact on neurological manifestations and mental health: the present scenario.** *Neurol Sci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865638>
78. Kakakhel MA, Wu F, Khan TA *et al.* **The first two months epidemiological study of COVID-19, related public health preparedness, and response to the ongoing epidemic in Pakistan.** *New Microbes New Infect* 2020; 37:100734. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884821>
79. Hamid W, Jahangir MS. **Dying, Death and Mourning amid COVID-19 Pandemic in Kashmir: A Qualitative Study.** *Omega (Westport)* 2020;30222820953708. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862778>
80. Kim EY, Kim EK, Lee M, Park HK. **COVID-19 Public Health Measures During National Assembly Elections of the Republic of Korea.** *Osong Public Health Res Perspect* 2020; 11:158-163. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864305>
81. Liu S, Lithopoulos A, Zhang CQ *et al.* **Personality and perceived stress during COVID-19 pandemic: Testing the mediating role of perceived threat and efficacy.** *Pers. Individ. Dif.* 2021; 168:110351. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863508>
82. Vyasrayani CP, Chatterjee A. **New approximations, and policy implications, from a delayed dynamic model of a fast pandemic.** *Physica D* 2020; 414:132701. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863487>
83. Savage MP, Fischman DL, Mamas MA. **Social Intervention by the Numbers: Evidence Behind the Specific Public Health Guidelines in the COVID-19 Pandemic.** *Popul Health Manag* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882149>
84. Waldeck A, Srivastava P, Picken HA. **Emerging Stronger from the COVID-19 Crisis: Recover, Reposition, and Redesign.** *Popul Health Manag* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882161>
85. Warden CA, Warden AR, Huang SC, Chen JF. **Job Tension and Emotional Sensitivity to COVID-19 Public Messaging and Risk Perception.** *Popul Health Manag* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882155>
86. Oskovi-Kaplan ZA, Buyuk GN, Ozgu-Erdinc AS *et al.* **The Effect of COVID-19 Pandemic and Social Restrictions on Depression Rates and Maternal Attachment in Immediate Postpartum Women: a Preliminary Study.** *Psychiatr. Q.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886272>

87. Zhu JH, Li W, Huo XN *et al.* **The Attitude towards Preventive Measures and Knowledge of COVID-19 Inpatients with Severe Mental Illness in Economically Underdeveloped Areas of China.** *Psychiatr. Q.* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32889688>
88. Cook JA, Jonikas JA. **The Importance of Psychiatric Rehabilitation Services During and After the COVID-19 Pandemic.** *Psychiatr. Serv.* 2020; 71:883-884.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867612>
89. Singh S, Roy D, Sinha K *et al.* **Impact of COVID-19 and lockdown on mental health of children and adolescents: A narrative review with recommendations.** *Psychiatry Res* 2020; 293:113429. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882598>
90. Suen YT, Chan RCH, Wong EMY. **Effects of general and sexual minority-specific COVID-19-related stressors on the mental health of lesbian, gay, and bisexual people in Hong Kong.** *Psychiatry Res* 2020; 292:113365.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32862107>
91. Tso IF, Park S. **Alarming levels of psychiatric symptoms and the role of loneliness during the COVID-19 epidemic: A case study of Hong Kong.** *Psychiatry Res* 2020; 293:113423. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871487>
92. Windarwati HD, Oktaviana W, Mukarromah I *et al.* **In the middle of the COVID-19 outbreak: Early practical guidelines for psychosocial aspects of COVID-19 in East Java, Indonesia.** *Psychiatry Res* 2020; 293:113395.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866795>
93. Sulaimani MF, Bagadood NH. **Implication of coronavirus pandemic on obsessive-compulsive-disorder symptoms.** *Rev. Environ. Health* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866131>
94. Janati Idrissi A, Lamkaddem A, Benouajjit A *et al.* **Sleep quality and mental health in the context of COVID-19 pandemic and lockdown in Morocco.** *Sleep Med.* 2020; 74:248-253. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862008>
95. Mulfinger N, Lampl J, Dinkel A *et al.* **[Psychological stress caused by epidemics among health care workers and implications for coping with the corona crisis: a literature review].** *Z Psychosom Med Psychother* 2020; 66:220-242.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32876550>

Meta-analyses - systematic reviews (15 articles)

1. Danwang C, Endomba FT, Nkeck JR *et al.* **A meta-analysis of potential biomarkers associated with severity of coronavirus disease 2019 (COVID-19).** *Biomark Res* 2020; 8:37. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879731>
2. Xie Y, Wang Z, Liao H *et al.* **Epidemiologic, clinical, and laboratory findings of the COVID-19 in the current pandemic: systematic review and meta-analysis.** *BMC Infect. Dis.* 2020; 20:640. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867706>
3. Rai B, Shukla A, Dwivedi LK. **Estimates of serial interval for COVID-19: A systematic review and meta-analysis.** *Clin Epidemiol Glob Health* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32869006>
4. Ahmed J, Rizwan T, Malik F *et al.* **COVID-19 and Liver Injury: A Systematic Review and Meta-Analysis.** *Cureus* 2020; 12:e9424.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864250>

5. Giorli A, Ferretti F, Biagini C *et al.* **A Literature Systematic Review with Meta-Analysis of Symptoms Prevalence in Covid-19: the Relevance of Olfactory Symptoms in Infection Not Requiring Hospitalization.** Curr. Treat. Options Neurol. 2020; 22:36. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874091>
6. Hussain S, Baxi H, Chand Jamali M *et al.* **Burden of diabetes mellitus and its impact on COVID-19 patients: A meta-analysis of real-world evidence.** Diabetes Metab Syndr 2020; 14:1595-1602. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862098>
7. de Almeida-Pititto B, Dualib PM, Zajdenverg L *et al.* **Severity and mortality of COVID 19 in patients with diabetes, hypertension and cardiovascular disease: a meta-analysis.** Diabetol. Metab. Syndr. 2020; 12:75. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874207>
8. Park R, Chidharla A, Mehta K *et al.* **Sex-bias in COVID-19-associated illness severity and mortality in cancer patients: A systematic review and meta-analysis.** EClinicalMedicine 2020:100519. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864589>
9. Liu M, Ya G, Yuan Y *et al.* **Efficacy and safety of herbal medicine (Lianhuaqingwen) for treating COVID-19: A systematic review and meta-analysis.** Integr Med Res 2020:100644. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864332>
10. Elavarasi A, Prasad M, Seth T *et al.* **Chloroquine and Hydroxychloroquine for the Treatment of COVID-19: a Systematic Review and Meta-analysis.** J Gen Intern Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885373>
11. Sarkar S, Khanna P, Soni KD. **Are the steroids a blanket solution for COVID-19? a systematic review and meta-analysis.** J Med Virol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881007>
12. Soraya GV, Ulhaq ZS. **Crucial laboratory parameters in COVID-19 diagnosis and prognosis: An updated meta-analysis.** Med Clin (Engl Ed) 2020; 155:143-151. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864456>
13. He L, Yang N, Xu L *et al.* **Synchronous distance education vs. traditional education for health science students: A systematic review and meta-analysis.** Med. Educ. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881047>
14. Zang Y, Han X, He M *et al.* **Hydroxychloroquine use and progression or prognosis of COVID-19: a systematic review and meta-analysis.** Naunyn Schmiedebergs Arch. Pharmacol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892293>
15. Gkogkou E, Barnasas G, Vougas K, Trougakos IP. **Expression profiling meta-analysis of ACE2 and TMPRSS2, the putative anti-inflammatory receptor and priming protease of SARS-CoV-2 in human cells, and identification of putative modulators.** Redox Biol 2020; 36:101615. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863223>

Mortality (30 articles)

1. De Michele S, Sun Y, Yilmaz MM *et al.* **Forty Postmortem Examinations in COVID-19 Patients.** Am J Clin Pathol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876680>
2. Bernabeu-Wittel M, Ternero-Vega JE, Díaz-Jiménez P *et al.* **Death risk stratification in elderly patients with covid-19. A comparative cohort study in**

- nursing homes outbreaks.** *Arch. Gerontol. Geriatr.* 2020; 91:104240.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877792>
3. Boland B, Gale T. **Mental and behavioural disorders and COVID-19-associated death in older people.** *BJPsych Open* 2020; 6:e101.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32878679>
 4. Khan YA, Abbas SZ, Truong BC. **Machine learning-based mortality rate prediction using optimized hyper-parameter.** *Comput. Methods Programs Biomed.* 2020; 197:105704. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889405>
 5. Kremer HJ, Thurner W. **Age dependence in Covid-19 mortality in Germany.** *Deutsches Arzteblatt International* 2020; 117:432-433.
 6. Schenk M. **Beatmete Patienten: Ursachen der COVID-19-Mortalität.** *Deutsches Arzteblatt International* 2020; 117:A1554-A1556.
 7. de Almeida-Pititto B, Dualib PM, Zajdenverg L *et al.* **Severity and mortality of COVID 19 in patients with diabetes, hypertension and cardiovascular disease: a meta-analysis.** *Diabetol. Metab. Syndr.* 2020; 12:75.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874207>
 8. Jamshidi B, Rezaei M, Kakavandi M, Jamshidi Zargaran S. **Modelling the Number of Confirmed Cases and Deaths from COVID-19 Pandemic in the UK and Forecasting over April 15(th) - May 30(th), 2020.** *Disaster Med Public Health Prep* 2020:1-17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878680>
 9. Dupley L, Oputa TJ, Bourne JT. **30-day mortality for fractured neck of femur patients with concurrent COVID-19 infection.** *Eur. J. Orthop. Surg. Traumatol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886249>
 10. Cirera L, Segura A, Hernández I. **[Deaths by COVID-19: Not all were registered and others should not be accounted for].** *Gac. Sanit.* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861466>
 11. Karan A, Ali K, Teelucksingh S, Sakhamuri S. **The impact of air pollution on the incidence and mortality of COVID-19.** *Glob Health Res Policy* 2020; 5:39.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32879902>
 12. Abdalla S, Almaslamani MA, Hashim SM *et al.* **Fatal Coronavirus Disease 2019-associated Pulmonary Aspergillosis; A Report of Two Cases and Review of the Literature.** *IDCases* 2020; 22:e00935. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864340>
 13. Chaddha U, Kaul V, Agrawal A. **What is the True Mortality in the Critically Ill Patients with COVID-19?** *Indian J. Crit. Care Med.* 2020; 24:383-384.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863627>
 14. Reillev M, Kristensen KB, Pottegård A *et al.* **Characteristics and predictors of hospitalization and death in the first 11 122 cases with a positive RT-PCR test for SARS-CoV-2 in Denmark: a nationwide cohort.** *Int J Epidemiol* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32887982>
 15. Abou Ghayda R, Lee KH, Han YJ *et al.* **Estimation of global case fatality rate of coronavirus disease 2019 (COVID-19) using meta-analyses: Comparison between calendar date and days since the outbreak of the first confirmed case.** *Int J Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882434>
 16. Altschul DJ, Esenwa C, Haranhalli N *et al.* **Predictors of mortality for patients with COVID-19 and large vessel occlusion.** *Interv. Neuroradiol.* 2020:1591019920954603. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862753>
 17. Altschul DJ, Esenwa C, Haranhalli N *et al.* **Predictors of mortality for patients with COVID-19 and large vessel occlusion.** *Interv. Neuroradiol.*

- 2020:1591019920954603. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862753>
18. Wu J, Huang J, Zhu G *et al.* **Systemic corticosteroids and mortality in severe and critical COVID-19 patients in Wuhan, China.** J. Clin. Endocrinol. Metab. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880390>
 19. Ferguson J, Volk S, Vondracek T *et al.* **Empiric therapeutic anticoagulation and mortality in critically ill patients with respiratory failure from SARS-CoV-2: A retrospective cohort study.** J. Clin. Pharmacol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885463>
 20. Mirza FN, Malik AA, Couzens C, Omer SB. **Influenza-Negative Influenza-Like Illness (fniLI) Z-Score as a Proxy for Incidence and Mortality of COVID-19.** J Infect 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888977>
 21. Castillo ME, Entrenas Costa LM, Vaquero Barrios JM *et al.* **"Effect of Calcifediol Treatment and best Available Therapy versus best Available Therapy on Intensive Care Unit Admission and Mortality Among Patients Hospitalized for COVID-19: A Pilot Randomized Clinical study".** J. Steroid Biochem. Mol. Biol. 2020:105751. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871238>
 22. Sahraian MA, Azimi A, Navardi S *et al.* **Evaluation of the rate of COVID-19 infection, hospitalization and death among Iranian patients with multiple sclerosis.** Mult Scler Relat Disord 2020; 46:102472. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890817>
 23. Hamid W, Jahangir MS. **Dying, Death and Mourning amid COVID-19 Pandemic in Kashmir: A Qualitative Study.** Omega (Westport) 2020:30222820953708. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862778>
 24. Silver V, Chapple AG, Feibus AH *et al.* **Clinical Characteristics and Outcomes Based on Race of Hospitalized Patients With COVID-19 in a New Orleans Cohort.** Open Forum Infect Dis 2020; 7:ofaa339. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884965>
 25. Varikasuvu SR, Dutt N, Thangappazham B, Varshney S. **Diabetes and COVID-19: A pooled analysis related to disease severity and mortality.** Prim. Care Diabetes 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891525>
 26. Huber M, Langen H. **Timing matters: the impact of response measures on COVID-19-related hospitalization and death rates in Germany and Switzerland.** Swiss J Econ Stat 2020; 156:10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864361>
 27. Fan G, Yang Z, Lin Q *et al.* **Decreased Case Fatality Rate of COVID-19 in the Second Wave: a study in 53 countries or regions.** Transbound Emerg Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892500>
 28. Wickramasinghe D, Wickramasinghe N, Kamburugamuwa SA *et al.* **Correlation between immunity from BCG and the morbidity and mortality of COVID-19.** Trop Dis Travel Med Vaccines 2020; 6:17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868985>
 29. Jirjees FJ, Dallal Bashi YH, Al-Obaidi HJ. **COVID-19 death and BCG vaccination programs worldwide.** Tuberc Respir Dis (Seoul) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883062>
 30. Wang X, Zheng J, Guo L *et al.* **Fecal viral shedding in COVID-19 patients: clinical significance, viral load dynamics and survival analysis.** Virus Res. 2020:198147. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866537>

1. Bhaskar A, Ng AKM, Patil NG, Fok M. **Zooming past the coronavirus lockdown: online spirometry practical demonstration with student involvement in analysis by remote control.** *Adv. Physiol. Educ.* 2020; 44:516-519. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880483>
2. Gillman-Wells CC, Sankar TK, Vadodaria S. **COVID-19 Reducing the Risks: Telemedicine is the New Norm for Surgical Consultations and Communications.** *Aesthetic Plast. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885319>
3. Udeh-Momoh CT, de Jager-Loots CA, Price G, Middleton LT. **Transition from physical to virtual visit format for a longitudinal brain aging study, in response to the Covid-19 pandemic. Operationalizing adaptive methods and challenges.** *Alzheimers Dement (N Y)* 2020; 6:e12055. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885022>
4. Lai FH, Yan EW, Yu KK *et al.* **The Protective Impact of Telemedicine on Persons With Dementia and Their Caregivers During the COVID-19 Pandemic.** *Am J Geriatr Psychiatry* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873496>
5. Bierwiazzonek K, Kunst JR, Pich O. **Belief in COVID-19 Conspiracy Theories Reduces Social Distancing over Time.** *Appl Psychol Health Well Being* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864837>
6. Yu N, Jiang Z. **Preference and Trust: An Investigation of Information Source of COVID-19 Among People Over 50 Years.** *Asia Pac. J. Public Health* 2020:1010539520956428. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864981>
7. Li LW, Chew AMK, Gunasekeran DV. **Digital health for patients with chronic pain during the COVID-19 pandemic.** *Br J Anaesth* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863018>
8. Malla A, Joobar R. **COVID-19 and the Future with Digital Mental Health: Need for Attention to Complexities.** *Can. J. Psychiatry.* 2020:706743720957824. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885686>
9. Moustafa K. **Make good use of big data: A home for everyone.** *Cities* 2020; 107:102903. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863523>
10. Ohligs M, Stocklassa S, Rossaint R *et al.* **Employment of Telemedicine in Nursing Homes: Clinical Requirement Analysis, System Development and First Test Results.** *Clin. Interv. Aging* 2020; 15:1427-1437. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884251>
11. Manta C, Jain SS, Coravos A *et al.* **An Evaluation of Biometric Monitoring Technologies for Vital Signs in the Era of Covid-19.** *Clin Transl Sci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866314>
12. Mella-Abarca W, Barraza-Sánchez V, Ramírez-Parada K. **Telerehabilitation for people with breast cancer through the COVID-19 pandemic in Chile.** *Ecancermedicalscience* 2020; 14:1085. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863879>
13. Marin L. **Three contextual dimensions of information on social media: lessons learned from the COVID-19 infodemic.** *Ethics Inf Technol* 2020:1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868972>
14. Shao C, Li S, Zhu F *et al.* **Taizhou's COVID-19 prevention and control experience with telemedicine features.** *Front Med* 2020; 14:506-510. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862396>
15. Chen AT, Ge S, Cho S *et al.* **Reactions to COVID-19, information and technology use, and social connectedness among older adults with pre-frailty and frailty.**

- Geriatr. Nurs. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863038>
16. Magid SK, Nelson J. **Information Technology in Support of Our Heroes during the COVID-19 Pandemic: A Commentary.** HSS J. 2020:1-6. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874155>
 17. Ramakrishnan N, Tirupakuzhi Vijayaraghavan BK, Venkataraman R. **Breaking Barriers to Reach Farther: A Call for Urgent Action on Tele-ICU Services.** Indian J. Crit. Care Med. 2020; 24:393-397. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863629>
 18. Al-Ruzzieh MA, Ayaad O, Qaddumi B. **The role of e-health in improving control and management of COVID 19 outbreak: current perspectives.** Int. J. Adolesc. Med. Health 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866117>
 19. Tejedor S, Cervi L, Tusa F *et al.* **Information on the COVID-19 Pandemic in Daily Newspapers' Front Pages: Case Study of Spain and Italy.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878092>
 20. Ajibade A, Younas H, Pullan M, Harky A. **Telemedicine in cardiovascular surgery during COVID-19 pandemic: A systematic review and our experience.** J. Card. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881081>
 21. Altunisik N, Turkmen D, Calikoglu E, Sener S. **Views and Experiences of Dermatologists in Turkey Regarding Tele dermatology during the COVID-19 Pandemic.** J Cosmet Dermatol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881217>
 22. Xi W, Xu W, Zhang X, Ayalon L. **A Thematic Analysis of Weibo Topics (Chinese Twitter Hashtags) regarding Older Adults During the COVID-19 Outbreak.** J. Gerontol. B Psychol. Sci. Soc. Sci. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882029>
 23. Heslin SM, Nappi M, Kelly G *et al.* **Rapid creation of an emergency department telehealth program during the COVID-19 pandemic.** J Telemed Telecare 2020:1357633x20952632. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873137>
 24. Dorsey ER, Bloem BR, Okun MS. **A New Day: the role of telemedicine in reshaping care for persons with movement disorders.** Mov Disord 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870517>
 25. Mulroy E, Menozzi E, Lees AJ *et al.* **Telemedicine in movement disorders - Leçons du COVID-19.** Mov Disord 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881108>
 26. Brizola E, Adami G, Baroncelli GI *et al.* **Providing high-quality care remotely to patients with rare bone diseases during COVID-19 pandemic.** Orphanet J. Rare Dis. 2020; 15:228. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867855>
 27. Mecham JC, Menapace DC, Bowe SN, Carlson ML. **Recruitment and Networking With Social Media for the Otolaryngology Match in the COVID-19 Pandemic.** Otolaryngol Head Neck Surg 2020:194599820957952. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870124>
 28. Childs AW, Klingensmith K, Bacon SM, Li L. **Emergency conversion to telehealth in hospital-based psychiatric outpatient services: Strategy and early observations.** Psychiatry Res 2020; 293:113425. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862066>
 29. Rallis KS, Allen Tejerina AM. **Tele-oncology in the COVID-19 Era: Are Medical Students Left Behind?** Trends Cancer 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863197>

Other – Miscellaneous (73 articles)

1. Siddiqui R, Khamis M, Ibrahim T, Khan NA. **Neuropathogens and Nasal Cleansing: Use of Clay Montmorillonite Coupled with Activated Carbon for Effective Eradication of Pathogenic Microbes from Water Supplies.** *ACS Chem Neurosci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870651>
2. Thiaw I. **Archaeology of Two Pandemics and Teranga Aesthetic.** *Afr Archaeol Rev* 2020;1-5. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863517>
3. Stephenson R, Chavanduka TMD, Rosso MT *et al.* **Sex in the Time of COVID-19: Results of an Online Survey of Gay, Bisexual and Other Men Who Have Sex with Men's Experience of Sex and HIV Prevention During the US COVID-19 Epidemic.** *AIDS Behav.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876905>
4. Wang Q, Lu M, Bai Z, Wang K. **Coronavirus pandemic reduced China's CO₂ emissions in short-term, while stimulus packages may lead to emissions growth in medium- and long-term.** *Appl Energy* 2020; 278:115735. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863540>
5. Yang Z, Xin Z. **Heterogeneous Risk Perception amid the Outbreak of COVID-19 in China: Implications for Economic Confidence.** *Appl Psychol Health Well Being* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875730>
6. Cazorla M, Herrera E, Palomeque E, Saud N. **What the COVID-19 lockdown revealed about photochemistry and ozone production in Quito, Ecuador.** *Atmos Pollut Res* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863711>
7. Martinez R, Masron IN. **Jakarta: A city of cities.** *Cities* 2020; 106:102868. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863521>
8. Ayoub F, Sato T, Sakuraba A. **Football and COVID-19 risk: correlation is not causation.** *Clin Microbiol Infect* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891763>
9. Khan YA, Abbas SZ, Truong BC. **Machine learning-based mortality rate prediction using optimized hyper-parameter.** *Comput. Methods Programs Biomed.* 2020; 197:105704. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889405>
10. Azizi A, Achak D, Aboudi K *et al.* **Health-related quality of life and behavior-related lifestyle changes due to the COVID-19 home confinement: dataset from a Moroccan sample.** *Data Brief* 2020:106239. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868996>
11. Timmermann C. **Pandemic preparedness and cooperative justice.** *Dev World Bioeth* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881290>
12. Singh AK, Misra A. **Impact of COVID-19 and comorbidities on health and economics: Focus on developing countries and India.** *Diabetes Metab Syndr* 2020; 14:1625-1630. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891011>
13. Miller K. **Sharing the sacrifice, minimizing the pain: Optimal wage reductions.** *Econ Lett* 2020; 196:109503. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863482>
14. Zhang Q, Zhang H, Gao J *et al.* **A serological survey of SARS-CoV-2 in cat in Wuhan.** *Emerg Microbes Infect* 2020:1-16. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867625>
15. Klemeš JJ, Van Fan Y, Jiang P. **The Energy and Environmental Footprints of COVID-19 Fighting Measures - PPE, Disinfection, Supply Chains.** *Energy_(Oxf)* 2020:118701. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868962>

16. Sarkodie SA, Owusu PA. **Impact of COVID-19 pandemic on waste management.** Environ Dev Sustain 2020:1-10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863738>
17. Coccia M. **An index to quantify environmental risk of exposure to future epidemics of the COVID-19 and similar viral agents: Theory and Practice.** Environ. Res. 2020:110155. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871151>
18. Haque SE, Rahman M. **Association between temperature, humidity, and COVID-19 outbreaks in Bangladesh.** Environ. Sci. Policy 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863760>
19. Mele M, Magazzino C. **Pollution, economic growth, and COVID-19 deaths in India: a machine learning evidence.** Environ. Sci. Pollut. Res. Int. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886309>
20. Klenk M, Duijf H. **Ethics of digital contact tracing and COVID-19: who is (not) free to go?** Ethics Inf Technol 2020:1-9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863740>
21. Mayburd A. **A public-private partnership for the express development of antiviral leads: a perspective view.** Expert Opin Drug Discov 2020:1-16. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877233>
22. Ambrosino P, Fuschillo S, Papa A *et al.* **Exergaming as a Supportive Tool for Home-Based Rehabilitation in the COVID-19 Pandemic Era.** Games Health J 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876489>
23. Chirisa I, Mutambisi T, Chivenge M *et al.* **The urban penalty of COVID-19 lockdowns across the globe: manifestations and lessons for Anglophone sub-Saharan Africa.** GeoJournal 2020:1-14. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868960>
24. Karan A, Ali K, Teelucksingh S, Sakhamuri S. **The impact of air pollution on the incidence and mortality of COVID-19.** Glob Health Res Policy 2020; 5:39. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879902>
25. Zou P, Huo D, Li M. **The impact of the COVID-19 pandemic on firms: a survey in Guangdong Province, China.** Glob Health Res Policy 2020; 5:41. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885048>
26. Zhao P, Li S, Liu D. **Unequable spatial accessibility to hospitals in developing megacities: New evidence from Beijing.** Health Place 2020; 65:102406. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877867>
27. Biswal A, Singh T, Singh V *et al.* **COVID-19 lockdown and its impact on tropospheric NO₂ concentrations over India using satellite-based data.** Heliyon 2020:e04764. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864482>
28. Latini A, Donà MG, Giuliani M *et al.* **Implications of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) epidemic for sexual behaviours of men who have sex with men.** HIV Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892480>
29. Varshney D, Roy D, Meenakshi JV. **Impact of COVID-19 on agricultural markets: assessing the roles of commodity characteristics, disease caseload and market reforms.** Indian Econ Rev 2020:1-21. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863419>
30. Jadhav NV, Singh N, Targhotra M, Chauhan MK. **Impact of COVID-19 on Indian Pharmaceutical Industry and WayForward.** Infect Disord Drug Targets 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888279>

31. Hsu YL, Lin HC, Wei HM *et al.* **One benefit of COVID-19 measures in Taiwan: The reduction of influenza infections and severe complications.** Influenza Other Respir Viruses 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875675>
32. Alkhowailed M, Shariq A, Alqossayir F *et al.* **Impact of meteorological parameters on COVID-19 pandemic: A comprehensive study from Saudi Arabia.** Inform Med Unlocked 2020;100418. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875061>
33. Kalemci S, Sarihan A, Zeybek A. **Association between NLR and COVID-19.** Int Immunopharmacol 2020; 88:106917. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889243>
34. Fan Z, Zhan Q, Yang C *et al.* **How Did Distribution Patterns of Particulate Matter Air Pollution (PM(2.5) and PM(10)) Change in China during the COVID-19 Outbreak: A Spatiotemporal Investigation at Chinese City-Level.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872261>
35. Han BS, Park K, Kwak KH *et al.* **Air Quality Change in Seoul, South Korea under COVID-19 Social Distancing: Focusing on PM(2.5).** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867037>
36. Moretti A, Menna F, Aulicino M *et al.* **Characterization of Home Working Population during COVID-19 Emergency: A Cross-Sectional Analysis.** Int J Environ Res Public Health 2020; 17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872321>
37. Duarte Alonso A, Kok SK, Bressan A *et al.* **COVID-19, aftermath, impacts, and hospitality firms: An international perspective.** Int J Hosp Manag 2020; 91:102654. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863526>
38. Vicary S, Stone K, McCusker P *et al.* **"It's about how much we can do, and not how little we can get away with": Coronavirus-related legislative changes for social care in the United Kingdom.** Int. J. Law Psychiatry 2020; 72:101601. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889420>
39. Foley DA, Chew R, Raby E *et al.* **COVID-19 in the pre-pandemic period: a survey of the time commitment and perceptions of infectious diseases physicians in Australia and New Zealand.** Intern. Med. J. 2020; 50:924-930. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881266>
40. Maneenop S, Kotcharin S. **The impacts of COVID-19 on the global airline industry:An event study approach.** J Air Transp Manag 2020:101920. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874021>
41. Hotta K. **Reply to the letter.** J. Anesth. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862274>
42. Kumar Singh S, Rajoria K, Sharma S. **Principles of Rajayakshma management for COVID-19.** J. Ayurveda Integr. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863675>
43. Sengupta S, Brooks TG, Grant GR, FitzGerald GA. **Accounting for Time: Circadian Rhythms in the Time of COVID-19.** J. Biol. Rhythms 2020:748730420953335. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875944>
44. Chauhan A, Jakhar SK, Chauhan C. **The interplay of circular economy with industry 4.0 enabled smart city drivers of healthcare waste disposal.** J Clean Prod 2021; 279:123854. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863607>
45. Radtke T, Haile SR, Dressel H, Benden C. **Recommended shielding against COVID-19 impacts physical activity levels in adults with cystic fibrosis.** J Cyst Fibros 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878732>

46. Haddad C, Zakhour M, Bou Kheir M *et al.* **Association between eating behavior and quarantine/confinement stressors during the coronavirus disease 2019 outbreak.** J Eat Disord 2020; 8:40. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879730>
47. Wasserman D, Persad G, Millum J. **Setting priorities fairly in response to Covid-19: identifying overlapping consensus and reasonable disagreement.** J Law Biosci 2020; 7:lsaa044. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879733>
48. Freckelton I. **COVID-19 and Family Law Decision-Making.** J. Law Med. 2020; 27:846-855. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880403>
49. Freckelton I. **COVID-19: Criminal Law, Public Assemblies and Human Rights Litigation.** J. Law Med. 2020; 27:790-806. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880398>
50. Mendelson D, Keane M, Bagaric M, Graydon C. **Legal Implications of Personal Protective Equipment Use When Treating Patients for COVID-19 (SARS-CoV-2).** J. Law Med. 2020; 27:856-864. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880404>
51. Pospelova SI, Pavlova YV, Kamenskaya NA, Pospelov SV. **Violation Liability in the Context of the Spread of COVID-19: Russian Experience.** J. Law Med. 2020; 27:877-894. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880406>
52. Ranson D. **COVID-19 and Forensic Medical Practice.** J. Law Med. 2020; 27:807-811. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880399>
53. Stobbs N, Bennett B, Freckelton I. **Compassion, Law and COVID-19.** J. Law Med. 2020; 27:865-876. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880405>
54. Abrams SA, Avalos A, Gray M, Hawthorne KM. **High Level of Food Insecurity among Families with Children Seeking Routine Care at Federally Qualified Health Centers during the Coronavirus Disease 2019 Pandemic.** J Pediatr X 2020; 4:100044. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864604>
55. Humphries JE, Neilson CA, Ulyseas G. **Information frictions and access to the Paycheck Protection Program.** J Public Econ 2020; 190:104244. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863461>
56. Corpuz JCG. **Religions in action: the role of interreligious dialogue in the COVID-19 pandemic.** J Public Health (Oxf) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876663>
57. Sinha M, Pande B, Sinha R. **Impact of COVID-19 lockdown on sleep-wake schedule and associated lifestyle related behavior: A national survey.** J Public Health Res 2020; 9:1826. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874967>
58. Abedi V, Olulana O, Avula V *et al.* **Racial, Economic, and Health Inequality and COVID-19 Infection in the United States.** J Racial Ethn Health Disparities 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875535>
59. Satiani B, Davis CA. **The Financial and Employment Impact of COVID-19 on Physicians in the United States.** J. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889069>
60. Friesen J, Pelz PF. **COVID-19 and Slums: A Pandemic Highlights Gaps in Knowledge About Urban Poverty.** JMIR Public Health Surveill 2020; 6:e19578. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877347>
61. Antova I. **Disability Rights During COVID-19: Emergency Law and Guidelines in England.** Med. Law Rev. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892223>

62. Saußele T. **Eine besondere Herausforderung.** Med. Monatsschr. Pharm. 2020; 43:165.
63. Głąbska D, Skolmowska D, Guzek D. **Population-Based Study of the Changes in the Food Choice Determinants of Secondary School Students: Polish Adolescents' COVID-19 Experience (PLACE-19) Study.** Nutrients 2020; 12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872577>
64. Yu X. **Impact of mitigating interventions and temperature on the instantaneous reproduction number in the COVID-19 pandemic among 30 US metropolitan areas.** One Health 2020; 10:100160. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864409>
65. Mantena S, Rogo K, Burke TF. **Re-Examining the Race to Send Ventilators to Low-Resource Settings.** Respir. Care 2020; 65:1378-1381. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879035>
66. Komesaroff PA. **Ethical challenges posed by COVID-19.** Respirology 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862478>
67. Uderner M, Perriot J, Peiffer G, Jaafari N. **[COVID-19 and changes in smoking behavior].** Rev. Mal. Respir. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883550>
68. Coşkun H, Yıldırım N, Gündüz S. **The spread of COVID-19 virus through population density and wind in Turkey cities.** Sci Total Environ 2020; 751:141663. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866831>
69. Liu Q, Harris JT, Chiu LS *et al.* **Spatiotemporal impacts of COVID-19 on air pollution in California, USA.** Sci Total Environ 2020; 750:141592. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882494>
70. Yuan Q, Qi B, Hu D *et al.* **Spatiotemporal variations and reduction of air pollutants during the COVID-19 pandemic in a megacity of Yangtze River Delta in China.** Sci Total Environ 2020; 751:141820. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861951>
71. Knieps F. **The German healthcare system and the coronavirus pandemic—comments from a legal perspective.** Urologe 2020; 59:919-925.
72. Cito G, Micelli E, Cocci A *et al.* **The impact of the COVID-19 quarantine on sexual life in Italy.** Urology 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888982>
73. He W, Shi XS, Zhang ZY *et al.* **[Discussion on the effect pathways of preventing and treating coronavirus disease 2019 by acupuncture and moxibustion from the regulation of immune inflammatory response].** Zhongguo Zhen Jiu 2020; 40:799-802. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869585>

Pathology (4 articles)

1. De Michele S, Sun Y, Yilmaz MM *et al.* **Forty Postmortem Examinations in COVID-19 Patients.** Am J Clin Pathol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876680>
2. Cacciapuoti S, De Rosa A, Gelzo M *et al.* **Immunocytometric analysis of COVID patients: A contribution to personalized therapy?** Life Sci 2020:118355. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871183>
3. Santoro A, Angelico G, Inzani F *et al.* **Biosafety procedures for handling intraoperative surgical samples during COVID-19 pandemic: an Italian pathology laboratory experience.** Pathologica 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865190>

4. Voiriot G, Fajac A, Gibelin A *et al.* **Alveolar lymphocytosis with plasmacytosis in severe COVID-19.** Respir Med Res 2020; 78:100784.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866717>

Protection (42 articles)

1. Hawkins ES, Fertel BS, Muir MR *et al.* **Adding eye protection to universal masking reduces COVID-19 among frontline emergency clinicians to the level of community spread.** Am J Emerg Med 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32888762>
2. Friedrichson B, Lotz G, Naujoks F *et al.* **Health and personal safety at work during the SARS-CoV-2 pandemic. A Germany-wide survey of the emergency medical and rescue services.** Anesthesiologie und Intensivmedizin 2020; 61:295-301.
3. Liu Z, Wu Z, Zhao H, Zuo M. **Personal protective equipment during tracheal intubation in patients with COVID-19 in China: a cross-sectional survey.** Br J Anaesth 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863017>
4. Hu D, Zhong H, Li S *et al.* **Segmenting areas of potential contamination for adaptive robotic disinfection in built environments.** Build. Environ. 2020:107226.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32868961>
5. Gottsauner MJ, Michaelides I, Schmidt B *et al.* **A prospective clinical pilot study on the effects of a hydrogen peroxide mouthrinse on the intraoral viral load of SARS-CoV-2.** Clin Oral Investig 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876748>
6. Díaz-Guio DA, Díaz-Guio Y, Pinzón-Rodas V *et al.* **COVID-19: Biosafety in the Intensive Care Unit.** Curr Trop Med Rep 2020:1-8.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32868986>
7. Rab S, Javaid M, Haleem A, Vaishya R. **Face masks are new normal after COVID-19 pandemic.** Diabetes Metab Syndr 2020; 14:1617-1619.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32889402>
8. Yu Q, Xu P, Gan H *et al.* **Comprehensive Gastroenterology Endoscopy Unit Workflow and Infection Prevention during the COVID-19 Pandemic: Experience with 159 Cases in Wuhan, China.** Dig Endosc 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886846>
9. Samara F, Badran R, Dalibalta S. **Are Disinfectants for the Prevention and Control of COVID-19 Safe?** Health Secur 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881633>
10. Chang TC, Lin MY, Huang JC *et al.* **The First 100 Days: Establishment and Effectiveness of Campus Protection Measures at a College during the COVID-19 Pandemic.** Healthcare (Basel) 2020; 8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872337>
11. Khan MM, Parab SR. **Simple Face Shield for Public as a Crucial Factor to Slow Aerosol Transmission During Unlock Phase of COVID Pandemic.** Indian J Otolaryngol Head Neck Surg 2020:1-2. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874957>
12. Marín-García D, Moyano-Campos J, Bienvenido-Huertas D. **Distances of transmission risk of Covid-19 inside dwellings and evaluation of the effectiveness of reciprocal proximity warning sounds.** Indoor Air 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32866286>

13. Flinn JB, Hynes NA, Sauer LM *et al.* **The role of dedicated biocontainment patient care units in preparing for COVID-19 and other infectious disease outbreaks.** Infect Control Hosp Epidemiol 2020;1-14.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32883382>
14. Tabish HB, Basch CH. **Back to the basics: Hand washing is public health 101 and it works to slow down the spread of viruses.** Infect Dis Health 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891583>
15. Qeadan F, Akofua Mensah N, Tingey B *et al.* **What Protective Health Measures Are Americans Taking in Response to COVID-19? Results from the COVID Impact Survey.** Int J Environ Res Public Health 2020; 17.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32872439>
16. Ozog DM, Sexton JZ, Narla S *et al.* **The Effect of Ultraviolet C Radiation Against Different N95 Respirators Inoculated with SARS-CoV-2.** Int J Infect Dis 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891736>
17. Hou J, Wan X, Shen Q *et al.* **COVID-19 infection, a potential threat to surgical patients and staff? A retrospective cohort study.** Int J Surg 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891829>
18. Dror AA, Eisenbach N, Marshak T *et al.* **Reduction of Allergic Rhinitis Symptoms with Face Mask Usage During the COVID-19 Pandemic.** J Allergy Clin Immunol Pract 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889221>
19. Geevarughese NM, Ul-Haq R. **Aerosol generating procedures in orthopaedics and recommended protective gear.** J Clin Orthop Trauma 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863676>
20. Tai Y, Fukumoto T, Oka M, Nishigori C. **Frequent hand washing and disinfection-a potential new trigger for aquagenic wrinkling of the palms caused by COVID-19 outbreak.** J Eur Acad Dermatol Venereol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32869389>
21. Veronese S, Bernardi P, Sbarbati A. **How the use of surgical masks during COVID-19 pandemic can induce skin effects.** J Eur Acad Dermatol Venereol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869374>
22. Capetti AF, Borgonovo F, Morena V *et al.* **Short-term inhibition of SARS-CoV-2 by hydrogen peroxide in persistent nasopharyngeal carriers.** J Med Virol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881014>
23. Silva VL, Dias VC, Watanabe ASA *et al.* **The fragility of humoral immunity as a physiological safety marker for healthcare workers to return after COVID-19 convalescence.** J Microbiol Immunol Infect 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32868192>
24. Cerulli Irelli E, Orlando B, Cocchi E *et al.* **The potential impact of enhanced hygienic measures during the COVID-19 outbreak on hospital-acquired infections: A pragmatic study in neurological units.** J Neurol Sci 2020; 418:117111. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892033>
25. Naveed H, Leung V, Zarei-Ghanavati M *et al.* **Ophthalmic Workplace Modifications for the Post-COVID Era.** J Ophthalmic Vis Res 2020; 15:400-407.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864070>
26. Elsner P, Fartasch M, Schliemann S. **Dermatological recommendations on hand hygiene in schools during the COVID-19 pandemic.** JDDG - Journal of the German Society of Dermatology 2020; 18:892-894.
27. Oh MD. **Airborne Transmission of Covid-19: A Clinician's Perspective.** Korean J. Intern. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872727>

28. Hoffman HT, Miller RM, Walsh JE *et al.* **Negative pressure face shield for flexible laryngoscopy in the COVID-19 era.** Laryngoscope Investig Otolaryngol 2020; 5:718-726. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864444>
29. MacIntyre CR, Ananda-Rajah M, Nicholls M, Quigley AL. **Current COVID-19 guidelines for respiratory protection of health care workers are inadequate.** Med. J. Aust. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865245>
30. Kent K, Murray S, Penrose B *et al.* **Prevalence and Socio-Demographic Predictors of Food Insecurity in Australia during the COVID-19 Pandemic.** Nutrients 2020; 12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887422>
31. Nardone M, Cordone A, Petti S. **Occupational COVID-19 risk to dental staff working in a public dental unit in the outbreak epicentre.** Oral Dis 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881190>
32. Thal AG, Schiff BA, Ahmed Y *et al.* **Tracheotomy in a High-Volume Center During the COVID-19 Pandemic: Evaluating the Surgeon's Risk.** Otolaryngol Head Neck Surg 2020;194599820955174. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870117>
33. Santoro A, Angelico G, Inzani F *et al.* **Biosafety procedures for handling intraoperative surgical samples during COVID-19 pandemic: an Italian pathology laboratory experience.** Pathologica 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865190>
34. Chiang SS, Aboutanos MB, Jawa RS *et al.* **Controversies in Tracheostomy for Patients With COVID-19: The When, Where, and How.** Respir. Care 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873749>
35. Pedraja J, Maestre JM, Rabanal JM *et al.* **Role of 3D printing for the protection of surgical and critical care professionals in the COVID-19 pandemic.** Rev. Esp. Anesthesiol. Reanim. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891414>
36. Robles-Romero JM, Conde Guillén G, Blanco Guillena M *et al.* **[Mask use during high impact exercise in the pandemic.].** Rev. Esp. Salud Publica 2020; 94. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865523>
37. Ding Z, Qian H, Xu B *et al.* **Toilets dominate environmental detection of severe acute respiratory syndrome coronavirus 2 in a hospital.** Sci Total Environ 2020; 753:141710. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891988>
38. Wang TV, Ito M. **Spine Surgery: Precautions and Strategies to Minimize Perioperative Risks Amid COVID-19 Outbreak.** Spine Surg Relat Res 2020; 4:192-198. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864484>
39. Sobti A, Fathi M, Mokhtar MA *et al.* **Aerosol generating procedures in trauma and orthopaedics in the era of the Covid-19 pandemic; What do we know?** Surgeon 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883580>
40. Tirupakuzhi Vijayaraghavan BK, Jha V, Rajbhandari D *et al.* **Hydroxychloroquine plus personal protective equipment versus standard personal protective equipment alone for the prevention of COVID-19 infections among frontline healthcare workers: the HydrOxychloroquine Prophylaxis Evaluation(HOPE) trial: A structured summary of a study protocol for a randomized controlled trial.** Trials 2020; 21:754. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867852>
41. Barnett BP, Wahlin K, Krawczyk M *et al.* **Potential of Ocular Transmission of SARS-CoV-2: A Review.** Vision (Basel) 2020; 4. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883010>
42. Wang J, Yu L, Wu SS *et al.* **[Interpretation for the group standards in guidelines for personal protection against coronavirus disease 2019 for diseases control**

person]. Zhonghua Liu Xing Bing Xue Za Zhi 2020; 41:1192-1194.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867423>

Pulmonary disease (20 articles)

1. Clérigo V, Duarte P. **[COVID-19 and Pulmonology: New Challenges and Opportunities]**. Acta Med Port 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877327>
2. Myti D, Gunjak M, Casado F *et al*. **Elevated FiO₂ increases SARS-CoV-2 co-receptor expression in respiratory tract epithelium**. Am J Physiol Lung Cell Mol Physiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878480>
3. Gattinoni L, Marini JJ, Camporota L. **The Respiratory Drive: An Overlooked Tile of COVID-19 Pathophysiology**. Am J Respir Crit Care Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881583>
4. Darvall JN, Bellomo R, Bailey M *et al*. **Frailty and outcomes from pneumonia in critical illness: a population-based cohort study**. Br J Anaesth 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891413>
5. Manna S, Maron SZ, Cedillo MA *et al*. **Spontaneous subcutaneous emphysema and pneumomediastinum in non-intubated patients with COVID-19**. Clin Imaging 2020; 67:207-213. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871424>
6. Riordan P, Stika M, Goldberg J, Drzewiecki M. **COVID-19 and clinical neuropsychology: A review of neuropsychological literature on acute and chronic pulmonary disease**. Clin. Neuropsychol. 2020:1-18. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883155>
7. Sella N, Zarantonello F, Andreatta G *et al*. **Positive end-expiratory pressure titration in COVID-19 acute respiratory failure: electrical impedance tomography vs. PEEP/FiO₂ tables**. Crit Care 2020; 24:540. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873337>
8. Cohen JP, Dao L, Roth K *et al*. **Predicting COVID-19 Pneumonia Severity on Chest X-ray With Deep Learning**. Cureus 2020; 12:e9448. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864270>
9. George A, Ganti L. **A Less Virulent COVID-19 Pneumonia**. Cureus 2020; 12:e9426. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864252>
10. Lucero D, 3rd, Mandal S, Karki A. **Lung Compliance in a Case Series of Four COVID-19 Patients at a Rural Institution**. Cureus 2020; 12:e9472. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874801>
11. Attaway AA, Zein J, Hatipoğlu US. **SARS-CoV-2 infection in the COPD population is associated with increased healthcare utilization: An analysis of Cleveland clinic's COVID-19 registry**. EClinicalMedicine 2020:100515. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869011>
12. Nicholson AG, Osborn M, Devaraj A, Wells AU. **COVID-19 related lung pathology: old patterns in new clothing?** Histopathology 2020; 77:169-172. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881045>
13. Zhuang Y, Lin L, Xu X *et al*. **Dynamic changes on chest CT of COVID-19 patients with solitary pulmonary lesion in initial CT**. Jpn J Radiol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886292>
14. Hepkaya E, Kilinc AA, Cebi MN *et al*. **General Health Status of Asthmatic Children During COVID-19 Pandemic**. Pediatr. Int. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881185>

15. Guedes F, Boléo-Tomé JP, Rodrigues LV *et al.* **Recommendations for interventional pulmonology during COVID-19 outbreak: a consensus statement from the Portuguese Pulmonology Society.** Pulmonology 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868252>
16. Inoue H, Jinno M, Ohta S *et al.* **Combination treatment of short-course systemic corticosteroid and favipiravir in a successfully treated case of critically ill COVID-19 pneumonia with COPD.** Respir Med Case Rep 2020:101200. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868989>
17. Ishiguro T, Takano K, Kagiya N *et al.* **Clinical Course and Findings of 14 Patients with COVID-19 Compared with 5 Patients with Conventional Human Coronavirus Pneumonia.** Respir Med Case Rep 2020:101207. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874906>
18. Vitiello A, Pelliccia C, Ferrara F. **COVID-19 Patients with Pulmonary Fibrotic Tissue: Clinical Pharmacological Rational of Antifibrotic Therapy.** SN Compr Clin Med 2020:1-4. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875276>
19. Flaherty GT, Hession P, Liew CH *et al.* **COVID-19 in adult patients with pre-existing chronic cardiac, respiratory and metabolic disease: a critical literature review with clinical recommendations.** Trop Dis Travel Med Vaccines 2020; 6:16. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868984>
20. Liu AL, Xu N, Li AJ. **COVID-19 with asthma: A case report.** World J Clin Cases 2020; 8:3355-3364. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874993>

Renal disease (16 articles)

1. Chaïbi K, Dao M, Pham T *et al.* **Severe Acute Kidney Injury in COVID-19 Patients with Acute Respiratory Distress Syndrome.** Am J Respir Crit Care Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866028>
2. Joseph A, Zafrani L, Mabrouki A *et al.* **Acute kidney injury in patients with SARS-CoV-2 infection.** Ann Intensive Care 2020; 10:117. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880774>
3. Georgiadis GS, Argyriou C, Kantartzi K *et al.* **Optimizing best vascular access practice in dialysis patients during the COVID-19 pandemic period.** Ann. Vasc. Surg. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871200>
4. Elcioglu OC, Artan AS, Mirioglu S *et al.* **COVID-19 infection in a membranous nephropathy patient treated with rituximab.** CEN Case Rep 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888168>
5. Rincón A, Moreso F, López-Herradón A *et al.* **The keys to control a COVID-19 outbreak in a haemodialysis unit.** Clin Kidney J 2020; 13:542-549. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885797>
6. Chan L, Chaudhary K, Saha A *et al.* **AKI in Hospitalized Patients with COVID-19.** J Am Soc Nephrol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883700>
7. Doevelaar AAN, Hölzer B, Seibert FS *et al.* **Lessons for the clinical nephrologist: recurrence of nephrotic syndrome induced by SARS-CoV-2.** J Nephrol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892322>
8. Khoshdel-Rad N, Zahmatkesh E, Shpichka A *et al.* **Outbreak of chronic renal failure: will this be a delayed heritage of COVID-19?** J Nephrol 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876938>
9. Obinata H, Yokobori S, Ogawa K *et al.* **Indicators of acute kidney injury as biomarkers to differentiate heatstroke from coronavirus disease 2019: A**

- retrospective multicenter analysis.** *J Nippon Med Sch* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863339>
10. Lentine KL, Vest L, Schnitzler MA *et al.* **Survey of U.S. Living Kidney Donation and Transplant Practices in the COVID-19 Era.** *Kidney Int Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864513>
 11. Medjeral-Thomas NR, Thomson T, Ashby D *et al.* **Cohort study of outpatient hemodialysis management strategies for COVID-19 in North-West London.** *Kidney Int Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864514>
 12. Keller N, Chantrel F, Krummel T *et al.* **Impact of first-wave COronaVirus disease 2019 infection in patients on haemodialysis in Alsace: the observational COVIDIAL study.** *Nephrol Dial Transplant* 2020; 35:1338-1411. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871594>
 13. Portolés J, Marques M, López-Sánchez P *et al.* **Chronic kidney disease and acute kidney injury in the COVID-19 Spanish outbreak.** *Nephrol Dial Transplant* 2020; 35:1353-1361. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871592>
 14. Candellier A, Scohy A, Gillet N *et al.* **Absence of SARS-CoV-2 in the effluent of peritoneal dialysis patients.** *Perit. Dial. Int.* 2020:896860820953061. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869702>
 15. Faqeeh S, Madkhali R. **Kidney Imaging Findings in a Patient with COVID-19.** *Radiol Case Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864030>
 16. Molaei H, Khedmat L, Nemati E *et al.* **Iranian kidney transplant recipients with COVID-19 infection: clinical outcomes and cytomegalovirus coinfection.** *Transpl Infect Dis* 2020:e13455. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881220>

Reviews (51 articles)

1. Shah S. **COVID-19 and paediatric dentistry- traversing the challenges. A narrative review.** *Ann Med Surg (Lond)* 2020; 58:22-33. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864126>
2. Cheruiyot I, Kipkorir V, Ngure B *et al.* **Arterial Thrombosis in Coronavirus disease 2019 (COVID-19) Patients: A Rapid Systematic Review.** *Ann. Vasc. Surg.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866574>
3. Sahebnasagh A, Mojtahedzadeh M, Najmeddin F *et al.* **A Perspective on Erythropoietin as a Potential Adjuvant Therapy for Acute Lung Injury/Acute Respiratory Distress Syndrome in Patients with COVID-19.** *Arch Med Res* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863034>
4. Rees EM, Nightingale ES, Jafari Y *et al.* **COVID-19 length of hospital stay: a systematic review and data synthesis.** *BMC Med* 2020; 18:270. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878619>
5. Sergeant A, van Reekum EA, Sanger N *et al.* **Impact of COVID-19 and other pandemics and epidemics on people with pre-existing mental disorders: a systematic review protocol and suggestions for clinical care.** *BMJ Open* 2020; 10:e040229. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873685>
6. Zaniboni A, Ghidini M, Grossi F *et al.* **A Review of Clinical Practice Guidelines and Treatment Recommendations for Cancer Care in the COVID-19 Pandemic.** *Cancers (Basel)* 2020; 12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872421>
7. Marian AJ. **Current State of Vaccine Development and Targeted Therapies for COVID-19: Impact of Basic Science Discoveries.** *Cardiovasc. Pathol.*

- 2020:107278. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889088>
8. Riordan P, Stika M, Goldberg J, Drzewiecki M. **COVID-19 and clinical neuropsychology: A review of neuropsychological literature on acute and chronic pulmonary disease.** Clin. Neuropsychol. 2020:1-18. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883155>
 9. Mirzaie A, Halaji M, Dehkordi FS *et al.* **A narrative literature review on traditional medicine options for treatment of corona virus disease 2019 (COVID-19).** Complement. Ther. Clin. Pract. 2020; 40:101214. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891290>
 10. Ghoda A, Ghoda M. **Liver Injury in COVID-19 Infection: A Systematic Review.** Cureus 2020; 12:e9487. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879813>
 11. Li J, Wang X, Li N *et al.* **Feasibility of mesenchymal stem cell therapy for COVID-19: A mini review.** Curr. Gene Ther. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867652>
 12. Pamuru RR, Ponneri N, Damu AG, Vadde R. **Targeting Natural Products for the Treatment of COVID-19 - An Updated Review.** Curr. Pharm. Des. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881659>
 13. Cloutier M, Nandi M, Ihsan AU *et al.* **ADE and hyperinflammation in SARS-CoV2 infection- comparison with dengue hemorrhagic fever and feline infectious peritonitis.** Cytokine 2020; 136:155256. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866898>
 14. Dalan R, Boehm BO. **The implications of COVID-19 Infection on the Endothelium: A Metabolic Vascular Perspective.** Diabetes Metab Res Rev 2020:e3402. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871617>
 15. Martin A, Blom IM, Whyatt G *et al.* **A rapid systematic review exploring the involvement of medical students in pandemics and other global health emergencies.** Disaster Med Public Health Prep 2020:1-30. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873349>
 16. Torretta S, Zuccotti G, Cristofaro V *et al.* **Diagnosis of SARS-CoV-2 by RT-PCR Using Different Sample Sources: Review of the Literature.** Ear Nose Throat J 2020:145561320953231. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865458>
 17. Parolin M, Parisotto M, Zanchetta F *et al.* **Coronaviruses and Endocrine System: a Systematic Review on Evidences and Shadows.** Endocr. Metab. Immune Disord. Drug Targets 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888287>
 18. Libby P, Luscher T. **COVID-19 is, in the end, an endothelial disease.** Eur Heart J 2020; 41:3038-3044. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882706>
 19. Giri A, Das A, Sarkar AK, Giri AK. **Mutagenic, Genotoxic and Immunomodulatory effects of Hydroxychloroquine and Chloroquine: a review to evaluate its potential to use as a prophylactic drug against COVID-19.** Genes Environ 2020; 42:25. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884603>
 20. Ho JS, Sia CH, Chan MY *et al.* **Coronavirus-induced myocarditis: A meta-summary of cases.** Heart Lung 2020; 49:681-685. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861884>
 21. Rizwan K, Rasheed T, Khan SA *et al.* **Current perspective on diagnosis, epidemiological assessment, prevention strategies, and potential therapeutic interventions for severe acute respiratory infections caused by 2019 novel coronavirus (SARS-CoV-2).** Hum Vaccin Immunother 2020:1-10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881628>

22. Ejazi SA, Ghosh S, Ali N. **Antibody detection assays for COVID-19 diagnosis: an early overview.** *Immunol. Cell Biol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864735>
23. Ghoshal U, Vasanth S, Tejan N. **A guide to laboratory diagnosis of Corona Virus Disease-19 for the gastroenterologists.** *Indian J. Gastroenterol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875524>
24. Hoang T, Tho Thi Anh T. **Treatment Options for Severe Acute Respiratory Syndrome, Middle East Respiratory Syndrome, and Coronavirus Disease 2019: a Review of Clinical Evidence.** *Infect Chemother* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869558>
25. Yesudhas D, Srivastava A, Gromiha MM. **COVID-19 outbreak: history, mechanism, transmission, structural studies and therapeutics.** *Infection* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886331>
26. Mirzaei R, Mohammadzadeh R, Mahdavi F *et al.* **Overview of the current promising approaches for the development of an effective severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) vaccine.** *Int Immunopharmacol* 2020; 88:106928. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862110>
27. Sánchez OR, Vale DB, Rodrigues L, Surita FG. **Violence against women during the COVID-19 pandemic: An integrative review.** *Int J Gynaecol Obstet* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880941>
28. Bethoux F. **Editorial.** *Int J MS Care* 2020; 22:xi. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863789>
29. Thakolwiboon S, Zhao-Fleming H, Pan J *et al.* **Disease-Modifying Therapies During the COVID-19 Outbreak: A Narrative Review of International and National Recommendations.** *Int J MS Care* 2020; 22:151-157. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863782>
30. Keller KG, Reangsing C, Schneider JK. **Clinical Presentation and Outcomes of Hospitalized Adults with COVID-19: A systematic review.** *J. Adv. Nurs.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881050>
31. Vyas N, Kurian SJ, Bagchi D *et al.* **Vitamin D in Prevention and Treatment of COVID-19: Current Perspective and Future Prospects.** *J. Am. Coll. Nutr.* 2020:1-14. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870735>
32. Sargin SA. **Potential anti-influenza effective plants used in Turkish folk medicine: A review.** *J. Ethnopharmacol.* 2020:113319. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882361>
33. Chela H, Pasha SB, Wan XF, Ghouri YA. **A Review on Medical Management of Inflammatory Bowel Diseases during the COVID-19 Pandemic.** *J Gastroenterol Hepatol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876952>
34. Axell-House DB, Lavingia R, Rafferty M *et al.* **The Estimation of Diagnostic Accuracy of Tests for COVID-19: A Scoping Review.** *J Infect* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882315>
35. Liu Q, Xu K, Wang X, Wang W. **From SARS to COVID-19: What lessons have we learned?** *J Infect Public Health* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888871>
36. Li Y, Ji D, Cai W *et al.* **Clinical characteristics, cause analysis and infectivity of COVID-19 nucleic acid re-positive patients: A literature review.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890414>

37. Sharifian-Dorche M, Huot P, Osherov M *et al.* **Neurological complications of coronavirus infection; a comparative review and lessons learned during the COVID-19 pandemic.** J Neurol Sci 2020; 417:117085. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871412>
38. Goudouris ES. **Laboratory diagnosis of COVID-19.** J. Pediatr. (Rio J.) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882235>
39. Tritschler T, Mathieu ME, Skeith L *et al.* **Anticoagulant interventions in hospitalized patients with COVID-19: A scoping review of randomized controlled trials and call for international collaboration.** J Thromb Haemost 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888372>
40. Libby P. **The Heart in COVID-19: Primary Target or Secondary Bystander?** JACC Basic Transl Sci 2020; 5:537-542. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32292847>
41. Banerjee I, Robinson J, Kashyap A *et al.* **The changing pattern of COVID-19 in Nepal: A Global concern- A Narrative Review.** Nepal J Epidemiol 2020; 10:845-855. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874698>
42. Rahimi K. **Guillain-Barre syndrome during COVID-19 pandemic: an overview of the reports.** Neurol Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876777>
43. Chen EC, Zon RL, Battinelli EM, Connors JM. **Approach to the Patient with COVID-19-Associated Thrombosis: A Case-Based Review.** Oncologist 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881209>
44. Radia T, Williams N, Agrawal P *et al.* **Multi-system inflammatory syndrome in children & adolescents (MIS-C): A systematic review of clinical features and presentation.** Paediatr. Respir. Rev. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891582>
45. Williams PCM, Howard-Jones AR, Hsu P *et al.* **SARS-CoV-2 in children: spectrum of disease, transmission and immunopathological underpinnings.** Pathology 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888706>
46. Wittmeier K, Parsons J, Webber S *et al.* **Operational Considerations for Physical Therapy During COVID-19: A Rapid Review.** Phys Ther 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886789>
47. Singh S, Roy D, Sinha K *et al.* **Impact of COVID-19 and lockdown on mental health of children and adolescents: A narrative review with recommendations.** Psychiatry Res 2020; 293:113429. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882598>
48. Shi YJ, Wang H. **Progress in the diagnosis and treatment of COVID-19 and the role of surgeons in the front line of the pandemic.** Surg. Today 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886210>
49. Flaherty GT, Hession P, Liew CH *et al.* **COVID-19 in adult patients with pre-existing chronic cardiac, respiratory and metabolic disease: a critical literature review with clinical recommendations.** Trop Dis Travel Med Vaccines 2020; 6:16. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868984>
50. Barnett BP, Wahlin K, Krawczyk M *et al.* **Potential of Ocular Transmission of SARS-CoV-2: A Review.** Vision (Basel) 2020; 4. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883010>
51. Galanopoulos M, Gkeros F, Doukatas A *et al.* **COVID-19 pandemic: Pathophysiology and manifestations from the gastrointestinal tract.** World J Gastroenterol. 2020; 26:4579-4588. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884218>

Risk factors (43 articles)

1. Aladağ N, Atabey RD. **The role of concomitant cardiovascular diseases and cardiac biomarkers for predicting mortality in critical COVID-19 patients.** *Acta Cardiol.* 2020;1-8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883169>
2. Pugliese G, Vitale M, Resi V, Orsi E. **Is diabetes mellitus a risk factor for COroNaVirus Disease 19 (COVID-19)?** *Acta Diabetol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865671>
3. Białas AJ, Kumor-Kisielewska A, Górski P. **Ageing, sex, obesity, smoking and COVID-19 - truths, myths and speculations.** *Adv Respir Med* 2020; 88:335-342. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869267>
4. Daneshkhah A, Agrawal V, Eshein A *et al.* **Evidence for possible association of vitamin D status with cytokine storm and unregulated inflammation in COVID-19 patients.** *Aging Clin. Exp. Res.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876941>
5. Cetinkal G, Kocas BB, Ser OS *et al.* **Assessment of the Modified CHA2DS2VASc Risk Score in Predicting Mortality in Patients Hospitalized with COVID-19.** *Am. J. Cardiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861734>
6. Shah P, Doshi R, Chenna A *et al.* **Prognostic Value of Elevated Cardiac Troponin I in Hospitalized Covid-19 Patients.** *Am. J. Cardiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861733>
7. Gómez-Ochoa SA, Franco OH, Rojas LZ *et al.* **COVID-19 in Healthcare Workers: A Living Systematic Review and Meta-analysis of Prevalence, Risk Factors, Clinical Characteristics, and Outcomes.** *Am. J. Epidemiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870978>
8. Jakovac H. **COVID-19 and hypertension - is the HSP60 culprit for the severe course and worse outcome?** *Am. J. Physiol. Heart Circ. Physiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886002>
9. Myti D, Gunjak M, Casado F *et al.* **Elevated FiO(2) increases SARS-CoV-2 co-receptor expression in respiratory tract epithelium.** *Am J Physiol Lung Cell Mol Physiol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878480>
10. Bernabeu-Wittel M, Ternero-Vega JE, Díaz-Jiménez P *et al.* **Death risk stratification in elderly patients with covid-19. A comparative cohort study in nursing homes outbreaks.** *Arch. Gerontol. Geriatr.* 2020; 91:104240. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877792>
11. Danwang C, Endomba FT, Nkeck JR *et al.* **A meta-analysis of potential biomarkers associated with severity of coronavirus disease 2019 (COVID-19).** *Biomark Res* 2020; 8:37. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32879731>
12. Heissig B, Salama Y, Takahashi S *et al.* **The multifaceted role of plasminogen in inflammation.** *Cell. Signal.* 2020:109761. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32861744>
13. Prebensen C, Hre PLM, Jonassen C *et al.* **SARS-CoV-2 RNA in plasma is associated with ICU admission and mortality in patients hospitalized with COVID-19.** *Clin Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888003>
14. Shlomai A, Ben-Zvi H, Glusman Bendersky A *et al.* **Nasopharyngeal viral load predicts hypoxemia and disease outcome in admitted COVID-19 patients.** *Crit Care* 2020; 24:539. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873316>

15. Kremer HJ, Thurner W. **Age dependence in Covid-19 mortality in Germany.** Deutsches Arzteblatt International 2020; 117:432-433.
16. Salunke AA, Warikoo V, Kumar Pathak S *et al.* **A proposed ABCD scoring system for better triage of patients with COVID-19: Use of clinical features and radiopathological findings.** Diabetes Metab Syndr 2020; 14:1637-1640.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32892061>
17. de Almeida-Pititto B, Dualib PM, Zajdenverg L *et al.* **Severity and mortality of COVID 19 in patients with diabetes, hypertension and cardiovascular disease: a meta-analysis.** Diabetol. Metab. Syndr. 2020; 12:75.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32874207>
18. Buetti N, Trimboli P, Mazzuchelli T *et al.* **Diabetes mellitus is a risk factor for prolonged SARS-CoV-2 viral shedding in lower respiratory tract samples of critically ill patients.** Endocrine 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870469>
19. Pierzynowska K, Gaffke L, Węgrzyn G. **Transcriptomic analyses suggest that mucopolysaccharidosis patients may be less susceptible to COVID-19.** FEBS Lett. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880920>
20. Gómez J, Albaiceta GM, García-Clemente M *et al.* **Angiotensin-converting enzymes (ACE, ACE2) gene variants and COVID-19 outcome.** Gene 2020:145102. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882331>
21. Karan A, Ali K, Teelucksingh S, Sakhamuri S. **The impact of air pollution on the incidence and mortality of COVID-19.** Glob Health Res Policy 2020; 5:39.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32879902>
22. Imran MM, Ahmed U, Usman U *et al.* **Neutrophil/Lymphocyte Ratio - A Marker of COVID-19 Pneumonia Severity.** Int J Clin Pract 2020:e13698.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32892477>
23. Reilev M, Kristensen KB, Pottegård A *et al.* **Characteristics and predictors of hospitalization and death in the first 11 122 cases with a positive RT-PCR test for SARS-CoV-2 in Denmark: a nationwide cohort.** Int J Epidemiol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32887982>
24. Zandkarimi E, Moradi G, Mohsenpour B. **The Prognostic Factors Affecting the Survival of Kurdistan Province COVID-19 Patients: A Cross-sectional Study From February to May 2020.** Int J Health Policy Manag 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32861230>
25. Altschul DJ, Esenwa C, Haranhalli N *et al.* **Predictors of mortality for patients with COVID-19 and large vessel occlusion.** Interv. Neuroradiol. 2020:1591019920954603. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862753>
26. Lunden DJ, Kelly BD, Shukla D *et al.* **A Decision Aide for the Risk Stratification of GU Cancer Patients at Risk of SARS-CoV-2 Infection, COVID-19 Related Hospitalization, Intubation, and Mortality.** J Clin Med 2020; 9.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32872607>
27. Vena A, Berruti M, Adessi A *et al.* **Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors.** J Clin Med 2020; 9.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867328>
28. Gozalbo-Rovira R, Gimenez E, Latorre V *et al.* **SARS-CoV-2 antibodies, serum inflammatory biomarkers and clinical severity of hospitalized COVID-19 patients.** J Clin Virol 2020; 131:104611. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882666>

29. Barnett WR, Radhakrishnan M, Macko J *et al.* **Initial MEWS score to predict ICU admission or transfer of hospitalized patients with COVID-19: a retrospective study.** *J Infect* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888979>
30. Mirza FN, Malik AA, Couzens C, Omer SB. **Influenza-Negative Influenza-Like Illness (fnILI) Z-Score as a Proxy for Incidence and Mortality of COVID-19.** *J Infect* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888977>
31. Chon Y, Kim JY, Suh YJ *et al.* **Adverse Initial CT Findings Associated with Poor Prognosis of Coronavirus Disease.** *J Korean Med Sci* 2020; 35:e316. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864912>
32. Abbas HM, Nassir KF, Al Khames Aga QA *et al.* **Presenting characteristics, smoking versus diabetes and outcome among patients hospitalized with COVID-19.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886365>
33. Biguenet A, Bouiller K, Marty-Quinernet S *et al.* **SARS-CoV-2 respiratory viral loads and association with clinical and biological features.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889755>
34. Weng Z, Chen Q, Li S *et al.* **ANDC: an early warning score to predict mortality risk for patients with Coronavirus Disease 2019.** *J Transl Med* 2020; 18:328. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867787>
35. Arrestier R, Stehle T, Letavernier E, Mekontso-Dessap A. **Lopinavir-ritonavir associated acute kidney injury is not related to crystalluria in critically-ill COVID-19 patients.** *Kidney Int Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869007>
36. Seo J, Son M. **Update on association between exposure to renin-angiotensin-aldosterone system inhibitors and coronavirus disease 2019 in South Korea.** *Korean J. Intern. Med.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872736>
37. Soraya GV, Ulhaq ZS. **Crucial laboratory parameters in COVID-19 diagnosis and prognosis: An updated meta-analysis.** *Med Clin (Engl Ed)* 2020; 155:143-151. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864456>
38. Duijf PHG. **Low Baseline Pulmonary Levels of Cytotoxic Lymphocytes as a Predisposing Risk Factor for Severe COVID-19.** *mSystems* 2020; 5. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873611>
39. Fresán U, Guevara M, Elía F *et al.* **Independent role of morbid obesity as a risk factor for COVID-19 hospitalization: a Spanish population-based cohort study.** *Obesity (Silver Spring)* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885905>
40. Liu G, Zhang S, Hu H *et al.* **The role of neutrophil-lymphocyte ratio and lymphocyte-monocyte ratio in the prognosis of type 2 diabetics with COVID-19.** *Scott. Med. J.* 2020:36933020953516. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865157>
41. Eldanasory OA, Eljaaly K, Memish ZA, Al-Tawfiq JA. **Histamine release theory and roles of antihistamine in the treatment of cytokines storm of COVID-19.** *Travel Med Infect Dis* 2020:101874. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891724>
42. Flaherty GT, Hession P, Liew CH *et al.* **COVID-19 in adult patients with pre-existing chronic cardiac, respiratory and metabolic disease: a critical literature review with clinical recommendations.** *Trop Dis Travel Med Vaccines* 2020; 6:16. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868984>
43. Mardani R, Alamdary A, Mousavi Nasab SD *et al.* **Association of vitamin D with the modulation of the disease severity in COVID-19.** *Virus Res.* 2020:198148. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866536>

Safety (11 articles)

1. Myti D, Gunjak M, Casado F *et al.* **Elevated FiO₂ increases SARS-CoV-2 co-receptor expression in respiratory tract epithelium.** *Am J Physiol Lung Cell Mol Physiol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878480>
2. Ferron PJ, Gicquel T, Mégarbane B *et al.* **Treatments in Covid-19 patients with pre-existing metabolic dysfunction-associated fatty liver disease: A potential threat for drug-induced liver injury?** *Biochimie* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891697>
3. Michaud V, Dow P, Al Rihani SB *et al.* **Risk assessment of drug-induced Long QT Syndrome for some COVID-19 repurposed drugs.** *Clin Transl Sci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888379>
4. Samara F, Badran R, Dalibalta S. **Are Disinfectants for the Prevention and Control of COVID-19 Safe?** *Health Secur* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881633>
5. Triposkiadis F, Starling RC, Xanthopoulos A *et al.* **Renin-angiotensin-system inhibition in the context of corona virus disease-19: experimental evidence, observational studies, and clinical implications.** *Heart Fail. Rev.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875490>
6. J A, Francis D, C SS *et al.* **Repurposing simeprevir, calpain inhibitor IV and a cathepsin F inhibitor against SARS-CoV-2 and insights into their interactions with M(pro).** *J Biomol Struct Dyn* 2020:1-12. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873185>
7. Lopez-Medina AI, Campos-Staffico AM, Luzum JA. **QT prolongation with hydroxychloroquine and azithromycin for the treatment of COVID-19: The need for pharmacogenetic insights.** *J Cardiovasc Electrophysiol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870576>
8. Abadías-Granado I, Palma-Ruiz AM, Cerro PA *et al.* **Generalized Pustular Figurate Erythema. First Report in Two COVID-19 Patients on Hydroxychloroquine.** *J Eur Acad Dermatol Venereol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870539>
9. Dauby N, Van Praet S, Vanhomwegen C *et al.* **Tolerability of Favipiravir therapy in critically-ill patients with COVID-19: a report of 4 cases.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886358>
10. Arrestier R, Stehle T, Letavernier E, Mekontso-Dessap A. **Lopinavir-ritonavir associated acute kidney injury is not related to crystalluria in critically-ill COVID-19 patients.** *Kidney Int Rep* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869007>
11. Celius EG. **Normal antibody response after COVID-19 during treatment with cladribine.** *Mult Scler Relat Disord* 2020; 46:102476. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882501>

Treatment options (89 articles)

1. Ruiz-Hitzky E, Darder M, Wicklein B *et al.* **Nanotechnology Responses to COVID-19.** *Adv Healthc Mater* 2020:e2000979. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885616>
2. Wang M, Zhang L, Huo X *et al.* **Catalytic Asymmetric Synthesis of the Anti-COVID-19 Drug Remdesivir.** *Angew. Chem. Int. Ed. Engl.* 2020.

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=32870563>
3. Momtazi-Borojeni AA, Banach M, Reiner Ž *et al.* **Interaction Between Coronavirus S-Protein and Human ACE2: Hints for Exploring Efficient Therapeutic Targets to Treat COVID-19.** *Angiology* 2020;3319720952284. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864982>
 4. Rabaan AA, Al-Ahmed SH, Sah R *et al.* **SARS-CoV-2/COVID-19 and advances in developing potential therapeutics and vaccines to counter this emerging pandemic.** *Ann. Clin. Microbiol. Antimicrob.* 2020; 19:40. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878641>
 5. Sahebnasagh A, Mojtahedzadeh M, Najmeddin F *et al.* **A Perspective on Erythropoietin as a Potential Adjuvant Therapy for Acute Lung Injury/Acute Respiratory Distress Syndrome in Patients with COVID-19.** *Arch Med Res* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863034>
 6. Ferron PJ, Gicquel T, Mégarbane B *et al.* **Treatments in Covid-19 patients with pre-existing metabolic dysfunction-associated fatty liver disease: A potential threat for drug-induced liver injury?** *Biochimie* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891697>
 7. Berretta AA, Silveira MAD, Córdor Capcha JM, De Jong D. **Propolis and its potential against SARS-CoV-2 infection mechanisms and COVID-19 disease: Running title: Propolis against SARS-CoV-2 infection and COVID-19.** *Biomed. Pharmacother.* 2020; 131:110622. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890967>
 8. Marian AJ. **Current State of Vaccine Development and Targeted Therapies for COVID-19: Impact of Basic Science Discoveries.** *Cardiovasc. Pathol.* 2020;107278. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889088>
 9. Tovar I, Guerrero R, López-Peñalver JJ *et al.* **Rationale for the Use of Radiation-Activated Mesenchymal Stromal/Stem Cells in Acute Respiratory Distress Syndrome.** *Cells* 2020; 9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32887260>
 10. Ashour H, Elsayed MH, Elmorsy S, Harb IA. **Hypothesis: The Potential Therapeutic Role of Nicorandil in COVID-19.** *Clin. Exp. Pharmacol. Physiol.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881062>
 11. Clipman SJ, Wesolowski AP, Gibson DG *et al.* **Rapid real-time tracking of non-pharmaceutical interventions and their association with SARS-CoV-2 positivity: The COVID-19 Pandemic Pulse Study.** *Clin Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877921>
 12. Conzelmann C, Müller JA, Perkhofer L *et al.* **Inhaled and systemic heparin as a repurposed direct antiviral drug for prevention and treatment of COVID-19.** *Clin Med (Lond)* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863274>
 13. Richardson C, Bhagani S, Pollara G. **Antiviral treatment for COVID-19: the evidence supporting remdesivir.** *Clin Med (Lond)* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863273>
 14. Najafi S, Rajaei E, Moallemian R, Nokhostin F. **The potential similarities of COVID-19 and autoimmune disease pathogenesis and therapeutic options: new insights approach.** *Clin Rheumatol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885345>
 15. Li T, Sun L, Zhang W *et al.* **Bromhexine Hydrochloride Tablets for the Treatment of Moderate COVID-19: An Open-label Randomized Controlled Pilot Study.** *Clin Transl Sci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881359>

16. Michaud V, Dow P, Al Rihani SB *et al.* **Risk assessment of drug-induced Long QT Syndrome for some COVID-19 repurposed drugs.** Clin Transl Sci 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32888379>
17. Shah A, Patel V, Parmar B. **Discovery of Some Antiviral Natural products to fight against Novel Corona Virus (SARS-CoV-2) using Insilico approach.** Comb. Chem. High Throughput Screen. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881661>
18. Mirzaie A, Halaji M, Dehkordi FS *et al.* **A narrative literature review on traditional medicine options for treatment of corona virus disease 2019 (COVID-19).** Complement. Ther. Clin. Pract. 2020; 40:101214. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891290>
19. Li Q, Wang Z, Zheng Q, Liu S. **Potential clinical drugs as covalent inhibitors of the priming proteases of the spike protein of SARS-CoV-2.** Comput Struct Biotechnol J 2020; 18:2200-2208. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868983>
20. Buckley LF, Wohlford GF, Ting C *et al.* **Role for Anti-Cytokine Therapies in Severe Coronavirus Disease 2019.** Crit Care Explor 2020; 2:e0178. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32832913>
21. Li J, Wang X, Li N *et al.* **Feasibility of mesenchymal stem cell therapy for COVID-19:A mini review.** Curr. Gene Ther. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867652>
22. Bala A, Sengupta A, Matsabisa MG, Chabalala HP. **COVID-19: Pathophysiology; Mechanism of Transmission and Possible Molecular Drug Target for Management.** Curr. Mol. Pharmacol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867666>
23. Akilesh SM, Rajesh J, Palanisamy D, Wadhvani A. **Repositioning of drugs to counter COVID-19 pandemic - An Insight.** Curr. Pharm. Biotechnol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867651>
24. Pamuru RR, Ponneri N, Damu AG, Vadde R. **Targeting Natural Products for the Treatment of COVID-19 - An Updated Review.** Curr. Pharm. Des. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881659>
25. Satarker S, Ahuja T, Banerjee M *et al.* **Hydroxychloroquine in COVID-19: Potential Mechanism of Action Against SARS-CoV-2.** Curr Pharmacol Rep 2020:1-9. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864299>
26. Koshak AE, Koshak EA. **Nigella sativa L. as a Potential Phytotherapy for COVID-19: A Mini-Review of In-silico Studies.** Curr. Ther. Res. Clin. Exp. 2020:100602. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863400>
27. Cuttler JM, Bevelacqua JJ, Mortazavi SMJ. **Unethical not to Investigate Radiotherapy for COVID-19.** Dose Response 2020; 18:1559325820950104. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868978>
28. Amporndanai K, Rogers M, Watanabe S *et al.* **Novel Selenium-based compounds with therapeutic potential for SOD1-linked amyotrophic lateral sclerosis.** EBioMedicine 2020; 59:102980. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862101>
29. Baldassarre A, Paolini A, Bruno SP *et al.* **Potential use of noncoding RNAs and innovative therapeutic strategies to target the 5'UTR of SARS-CoV-2.** Epigenomics 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875809>
30. Firth A, Prathapan P. **Azithromycin: The First Broad-spectrum Therapeutic.** Eur. J. Med. Chem. 2020; 207:112739. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875809>

term=32871342

31. Atzeni F, Gerratana E, Giallanza M *et al.* **The effect of drugs used in rheumatology for treating SARS-CoV2 infection.** Expert Opin Biol Ther 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866053>
32. Gurung AB. **In silico structure modelling of SARS-CoV-2 Nsp13 helicase and Nsp14 and repurposing of FDA approved antiviral drugs as dual inhibitors.** Gene Rep 2020; 21:100860. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875166>
33. Giri A, Das A, Sarkar AK, Giri AK. **Mutagenic, Genotoxic and Immunomodulatory effects of Hydroxychloroquine and Chloroquine: a review to evaluate its potential to use as a prophylactic drug against COVID-19.** Genes Environ 2020; 42:25. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884603>
34. Al-Tawfiq JA, Arabi Y. **Convalescent plasma therapy for coronavirus infection: experience from MERS and application in COVID-19.** Hum Vaccin Immunother 2020:1-7. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881641>
35. Yalcin AD, Yalcin AN. **Future Perspective: Biologic agents in patients with Severe Covid-19.** Immunopharmacol. Immunotoxicol. 2020:1-20. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883116>
36. Lehrer S, Rheinstein PH. **Ivermectin Docks to the SARS-CoV-2 Spike Receptor-binding Domain Attached to ACE2.** In Vivo 2020; 34:3023-3026. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871846>
37. Smetana K, Jr., Rosel D, BrÁbek J. **Raloxifene and Bazedoxifene Could Be Promising Candidates for Preventing the COVID-19 Related Cytokine Storm, ARDS and Mortality.** In Vivo 2020; 34:3027-3028. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871847>
38. Hoang T, Tho Thi Anh T. **Treatment Options for Severe Acute Respiratory Syndrome, Middle East Respiratory Syndrome, and Coronavirus Disease 2019: a Review of Clinical Evidence.** Infect Chemother 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869558>
39. Li Q, Li W, Jin Y *et al.* **Efficacy Evaluation of Early, Low-Dose, Short-Term Corticosteroids in Adults Hospitalized with Non-Severe COVID-19 Pneumonia: A Retrospective Cohort Study.** Infect Dis Ther 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880102>
40. Bezzio C, Pellegrini L, Manes G *et al.* **Biologic Therapies May Reduce the Risk of COVID-19 in Patients With Inflammatory Bowel Disease.** Inflamm. Bowel Dis. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869831>
41. Dastan F, Saffaei A, Haseli S *et al.* **Promising effects of tocilizumab in COVID-19: A non-controlled, prospective clinical trial.** Int Immunopharmacol 2020; 88:106869. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889241>
42. Owji H, Negahdaripour M, Hajjighahramani N. **Immunotherapeutic approaches to curtail COVID-19.** Int Immunopharmacol 2020; 88:106924. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877828>
43. Zain Mushtaq M, Bin Zafar Mahmood S, Jamil B *et al.* **Outcome of COVID-19 patients with use of Tocilizumab: A single center experience.** Int Immunopharmacol 2020; 88:106926. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889236>
44. Xiong WZ, Wang G, Du J, Ai W. **Efficacy of herbal medicine (Xuanfei Baidu decoction) combined with conventional drug in treating COVID-19:A pilot randomized clinical trial.** Integr Med Res 2020; 9:100489. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874913>

45. Kusaba Y, Izumi S, Takasaki J *et al.* **Successful Recovery from COVID-19-associated Acute Respiratory Failure with Polymyxin B-immobilized Fiber Column-direct Hemoperfusion.** Intern Med 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32863364>
46. Elkarhat Z, Charoute H, Elkhatabi L *et al.* **Potential inhibitors of SARS-cov-2 RNA dependent RNA polymerase protein: molecular docking, molecular dynamics simulations and MM-PBSA analyses.** J Biomol Struct Dyn 2020:1-14.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32873176>
47. Lopez-Medina AI, Campos-Staffico AM, Luzum JA. **QT prolongation with hydroxychloroquine and azithromycin for the treatment of COVID-19: The need for pharmacogenetic insights.** J Cardiovasc Electrophysiol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32870576>
48. Altmayer V, Saheb S, Rohaut B *et al.* **Therapeutic plasma exchange in a critically ill Covid-19 patient.** J. Clin. Apher. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875601>
49. Wu J, Huang J, Zhu G *et al.* **Systemic corticosteroids and mortality in severe and critical COVID-19 patients in Wuhan, China.** J. Clin. Endocrinol. Metab. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32880390>
50. Hassanzadeh P. **Nanotheranostics against COVID-19: From multivalent to immune-targeted materials.** J. Control. Release 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32882269>
51. Shakouri SK, Roshangar L, Mahmoodpoor A. **Intratracheal administration of autologus conditioned serum for COVID-19 associated respiratory distress syndrome.** J Crit Care 2020; 60:209-211. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871418>
52. Sargin SA. **Potential anti-influenza effective plants used in Turkish folk medicine: A review.** J. Ethnopharmacol. 2020:113319.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32882361>
53. Abadías-Granado I, Palma-Ruiz AM, Cerro PA *et al.* **Generalized Pustular Figurate Erythema. First Report in Two COVID-19 Patients on Hydroxychloroquine.** J Eur Acad Dermatol Venereol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32870539>
54. Elavarasi A, Prasad M, Seth T *et al.* **Chloroquine and Hydroxychloroquine for the Treatment of COVID-19: a Systematic Review and Meta-analysis.** J Gen Intern Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885373>
55. Fatima U, Rizvi SSA, Fatima S, Hassan MI. **Impact of Hydroxychloroquine/Chloroquine in COVID-19 Therapy: Two Sides of the Coin.** J. Interferon Cytokine Res. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881593>
56. Dauby N, Van Praet S, Vanhomwegen C *et al.* **Tolerability of Favipiravir therapy in critically-ill patients with COVID-19: a report of 4 cases.** J Med Virol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32886358>
57. Sarkar S, Khanna P, Soni KD. **Are the steroids a blanket solution for COVID-19? a systematic review and meta-analysis.** J Med Virol 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32881007>
58. Lu D, Chatterjee S, Xiao K *et al.* **MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes.** J. Mol. Cell. Cardiol. 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32891636>

59. Alamri MA, Tahir UI Qamar M, Mirza MU *et al.* **Discovery of human coronaviruses pan-papain-like protease inhibitors using computational approaches.** J Pharm Anal 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874702>
60. Jermain B, Hanafin PO, Cao Y *et al.* **Development of a minimal physiologically-based pharmacokinetic model to simulate lung exposure in humans following oral administration of ivermectin for COVID-19 drug repurposing.** J. Pharm. Sci. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891630>
61. Castillo ME, Entrenas Costa LM, Vaquero Barrios JM *et al.* **"Effect of Calcifediol Treatment and best Available Therapy versus best Available Therapy on Intensive Care Unit Admission and Mortality Among Patients Hospitalized for COVID-19: A Pilot Randomized Clinical study".** J. Steroid Biochem. Mol. Biol. 2020;105751. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871238>
62. Van Norman GA. **Update to Drugs, Devices, and the FDA: How Recent Legislative Changes Have Impacted Approval of New Therapies.** JACC Basic Transl Sci 2020; 5:831-839. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864509>
63. Dequin PF, Heming N, Meziani F *et al.* **Effect of Hydrocortisone on 21-Day Mortality or Respiratory Support Among Critically Ill Patients With COVID-19: A Randomized Clinical Trial.** JAMA 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32876689>
64. Yang Q. **Multidisciplinary, three-dimensional and individualized comprehensive treatment for severe/critical COVID-19.** Liver Res 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864178>
65. Wang X, Guan Y. **COVID-19 drug repurposing: A review of computational screening methods, clinical trials, and protein interaction assays.** Med. Res. Rev. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864815>
66. D'Ardes D, Pontolillo M, Esposito L *et al.* **Duration of COVID-19: Data from an Italian Cohort and Potential Role for Steroids.** Microorganisms 2020; 8. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878286>
67. Klann K, Bojkova D, Tascher G *et al.* **Growth Factor Receptor Signaling Inhibition Prevents SARS-CoV-2 Replication.** Mol. Cell 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877642>
68. Ojha PK, Kar S, Krishna JG *et al.* **Therapeutics for COVID-19: from computation to practices-where we are, where we are heading to.** Mol. Divers. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880078>
69. Muchtaridi M, Fauzi M, Khairul Ikram NK *et al.* **Natural Flavonoids as Potential Angiotensin-Converting Enzyme 2 Inhibitors for Anti-SARS-CoV-2.** Molecules 2020; 25. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882868>
70. Rakib A, Paul A, Chy MNU *et al.* **Biochemical and Computational Approach of Selected Phytocompounds from *Tinospora crispa* in the Management of COVID-19.** Molecules 2020; 25. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872217>
71. Celius EG. **Normal antibody response after COVID-19 during treatment with cladribine.** Mult Scler Relat Disord 2020; 46:102476. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882501>
72. Akiyama T, Hirata T, Fujimoto T *et al.* **The Natural-Mineral-Based Novel Nanomaterial IFMC Increases Intravascular Nitric Oxide without Its Intake: Implications for COVID-19 and beyond.** Nanomaterials (Basel) 2020; 10. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32872395>

73. Zang Y, Han X, He M *et al.* **Hydroxychloroquine use and progression or prognosis of COVID-19: a systematic review and meta-analysis.** Naunyn Schmiedebergs Arch. Pharmacol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892293>
74. Khokhar M, Roy D, Purohit P *et al.* **Viricidal treatments for prevention of coronavirus infection.** Pathog Glob Health 2020:1-11. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877308>
75. Diorio C, Anderson EM, McNerney KO *et al.* **Convalescent plasma for pediatric patients with SARS-CoV-2-associated acute respiratory distress syndrome.** Pediatr Blood Cancer 2020:e28693. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32885904>
76. Hecel A, Ostrowska M, Stokowa-Sołtys K *et al.* **Zinc(II)-The Overlooked Éminence Grise of Chloroquine's Fight against COVID-19?** Pharmaceuticals (Basel) 2020; 13. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882888>
77. Singh TU, Parida S, Lingaraju MC *et al.* **Drug repurposing approach to fight COVID-19.** Pharmacol. Rep. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889701>
78. Hassan ME, Hasan HM, Sridharan K *et al.* **Dexamethasone in severe COVID-19 infection: A case series.** Respir Med Case Rep 2020:101205. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32874905>
79. Inoue H, Jinno M, Ohta S *et al.* **Combination treatment of short-course systemic corticosteroid and favipiravir in a successfully treated case of critically ill COVID-19 pneumonia with COPD.** Respir Med Case Rep 2020:101200. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868989>
80. Tiwari N, Upadhyay J, Nazam Ansari M, Joshi R. **Novel β -Coronavirus (SARS-CoV-2): Current and Future Aspects of Pharmacological Treatments.** Saudi Pharm J 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868970>
81. Muslim S, Nasrin N, Alotaibi FO *et al.* **Treatment Options Available for COVID-19 and an Analysis on Possible Role of Combination of rhACE2, Angiotensin (1-7) and Angiotensin (1-9) as Effective Therapeutic Measure.** SN Compr Clin Med 2020:1-6. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864572>
82. Shi YJ, Wang H. **Progress in the diagnosis and treatment of COVID-19 and the role of surgeons in the front line of the pandemic.** Surg. Today 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886210>
83. Yates PA, Newman SA, Oshry LJ *et al.* **Doxycycline treatment of high-risk COVID-19-positive patients with comorbid pulmonary disease.** Ther. Adv. Respir. Dis. 2020; 14:1753466620951053. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873175>
84. Adiwinata Pawitan J. **Convalescent plasma for COVID-19 considerations.** Transfus. Apher. Sci. 2020:102927. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878733>
85. Dulipsingh L, Ibrahim D, Schaefer EJ *et al.* **SARS-CoV-2 serology and virology trends in donors and recipients of convalescent plasma.** Transfus. Apher. Sci. 2020:102922. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883593>
86. Cotter A, Wallace D, McCarthy C *et al.* **The COVIRL002 Trial-Tocilizumab for management of severe, non-critical COVID-19 infection: A structured summary of a study protocol for a randomised controlled trial.** Trials 2020; 21:758. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883328>

87. Wu Y, Hong K, Ruan L *et al.* **Patients with Prolonged Positivity of SARS-CoV-2 RNA Benefit from Convalescent Plasma Therapy: A Retrospective Study.** *Virology Sin* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865701>
88. Dobrovolny HM. **Quantifying the effect of remdesivir in rhesus macaques infected with SARS-CoV-2.** *Virology* 2020; 550:61-69. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882638>
89. Choudhary S, Silakari O. **Scaffold morphing of arbidol (umifenovir) in search of multi-targeting therapy halting the interaction of SARS-CoV-2 with ACE2 and other proteases involved in COVID-19.** *Virus Res.* 2020:198146. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32866534>

Trials (19 articles)

1. Ahmad I, Jeyarajah J, Nair G *et al.* **A prospective, observational, cohort study of airway management of patients with COVID-19 by specialist tracheal intubation teams.** *Can J Anaesth* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886298>
2. Clipman SJ, Wesolowski AP, Gibson DG *et al.* **Rapid real-time tracking of non-pharmaceutical interventions and their association with SARS-CoV-2 positivity: The COVID-19 Pandemic Pulse Study.** *Clin Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877921>
3. Li T, Sun L, Zhang W *et al.* **Bromhexine Hydrochloride Tablets for the Treatment of Moderate COVID-19: An Open-label Randomized Controlled Pilot Study.** *Clin Transl Sci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881359>
4. Shi C, Wang C, Wang H *et al.* **The potential of low molecular weight heparin to mitigate cytokine storm in severe COVID-19 patients: a retrospective cohort study.** *Clin Transl Sci* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881340>
5. Behrens GMN, Cossmann A, Stankov MV *et al.* **Strategic Anti-SARS-CoV-2 Serology Testing in a Low Prevalence Setting: The COVID-19 Contact (CoCo) Study in Healthcare Professionals.** *Infect Dis Ther* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886335>
6. Li Q, Li W, Jin Y *et al.* **Efficacy Evaluation of Early, Low-Dose, Short-Term Corticosteroids in Adults Hospitalized with Non-Severe COVID-19 Pneumonia: A Retrospective Cohort Study.** *Infect Dis Ther* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880102>
7. Dastan F, Saffaei A, Haseli S *et al.* **Promising effects of tocilizumab in COVID-19: A non-controlled, prospective clinical trial.** *Int Immunopharmacol* 2020; 88:106869. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889241>
8. Zain Mushtaq M, Bin Zafar Mahmood S, Jamil B *et al.* **Outcome of COVID-19 patients with use of Tocilizumab: A single center experience.** *Int Immunopharmacol* 2020; 88:106926. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889236>
9. McGrath BA, Pelosi P, Schultz MJ, Brenner MJ. **Preoperative apnea trial and considerations regarding timing of tracheostomy in anesthetic planning for patient with COVID-19 disease.** *J. Clin. Anesth.* 2020; 67:110013. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32890938>
10. Marossy A, Rakowicz S, Bhan A *et al.* **A study of universal SARS-CoV-2 RNA testing of residents and staff in a large group of care homes in South London.** *J Infect Dis* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889532>

11. Tan JY, Sim XYJ, Liang En W *et al.* **A comparative study on the clinical features of COVID-19 with non-SARS-CoV-2 respiratory viral infections.** *J Med Virol* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32881022>
12. Obinata H, Yokobori S, Ogawa K *et al.* **Indicators of acute kidney injury as biomarkers to differentiate heatstroke from coronavirus disease 2019: A retrospective multicenter analysis.** *J Nippon Med Sch* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863339>
13. Pirjani R, Hosseini R, Soori T *et al.* **Maternal and neonatal outcomes in COVID-19 infected pregnancies: a prospective cohort study.** *J Travel Med* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889551>
14. Portolés J, Marques M, López-Sánchez P *et al.* **Chronic kidney disease and acute kidney injury in the COVID-19 Spanish outbreak.** *Nephrol Dial Transplant* 2020; 35:1353-1361. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32871592>
15. Brandão Neto D, Fornazieri MA, Dib C *et al.* **Chemosensory Dysfunction in COVID-19: Prevalences, Recovery Rates, and Clinical Associations on a Large Brazilian Sample.** *Otolaryngol Head Neck Surg* 2020:194599820954825. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867582>
16. Shih WJ, Yao C, Xie T. **Data Monitoring for the Chinese Clinical Trials of Remdesivir in Treating Patients with COVID-19 During the Pandemic Crisis.** *Ther Innov Regul Sci* 2020; 54:1236-1255. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32865809>
17. Cotter A, Wallace D, McCarthy C *et al.* **The COVIRL002 Trial-Tocilizumab for management of severe, non-critical COVID-19 infection: A structured summary of a study protocol for a randomised controlled trial.** *Trials* 2020; 21:758. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883328>
18. Kaddam L, Babiker R, Ali S *et al.* **Potential Role of Acacia Senegal (Gum Arabic) as Immunomodulatory Agent among newly diagnosed COVID 19 Patients: A structured summary of a protocol for a randomised, controlled, clinical trial.** *Trials* 2020; 21:766. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32891160>
19. Tirupakuzhi Vijayaraghavan BK, Jha V, Rajbhandari D *et al.* **Hydroxychloroquine plus personal protective equipment versus standard personal protective equipment alone for the prevention of COVID-19 infections among frontline healthcare workers: the HydrOxychloroquine Prophylaxis Evaluation(HOPE) trial: A structured summary of a study protocol for a randomized controlled trial.** *Trials* 2020; 21:754. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32867852>

Vaccines (19 articles)

1. Matusik É, Ayadi M, Picard N. **[COVID-19, management, therapeutic and vaccine approaches].** *Actual. Pharm.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863556>
2. Peng S, Cao F, Xia Y *et al.* **Particulate Alum via Pickering Emulsion for an Enhanced COVID-19 Vaccine Adjuvant.** *Adv Mater* 2020:e2004210. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864794>
3. Rabaan AA, Al-Ahmed SH, Sah R *et al.* **SARS-CoV-2/COVID-19 and advances in developing potential therapeutics and vaccines to counter this emerging pandemic.** *Ann. Clin. Microbiol. Antimicrob.* 2020; 19:40. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32878641>

4. Williams L, Gallant AJ, Rasmussen S *et al.* **Towards intervention development to increase the uptake of COVID-19 vaccination among those at high risk: Outlining evidence-based and theoretically informed future intervention content.** Br. J. Health Psychol. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889759>
5. Marian AJ. **Current State of Vaccine Development and Targeted Therapies for COVID-19: Impact of Basic Science Discoveries.** Cardiovasc. Pathol. 2020:107278. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889088>
6. Sohrab SS. **An edible vaccine development for coronavirus disease 2019: the concept.** Clin Exp Vaccine Res 2020; 9:164-168. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864373>
7. Suar M, Mahapatra S, Sahoo S *et al.* **Designing an Efficient Multi-Epitope Vaccine Displaying Interactions with Diverse HLA Molecules for an Efficient Humoral and Cellular Immune Response to prevent COVID-19 infection.** Expert Rev Vaccines 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32869699>
8. Fedeli U, Porreca A, Colicchia M *et al.* **Intravescical instillation of Calmette-Guérin bacillus and COVID-19 risk.** Hum Vaccin Immunother 2020:1-2. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880510>
9. Jacob JJ, Vasudevan K, Veeraraghavan B *et al.* **Genomic evolution of severe acute respiratory syndrome Coronavirus 2 in India and vaccine impact.** Indian J. Med. Microbiol. 2020; 38:210-212. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883935>
10. Dutta AK. **Vaccine Against Covid-19 Disease - Present Status of Development.** Indian J Pediatr 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32880819>
11. Akhand MRN, Azim KF, Hoque SF *et al.* **Genome based evolutionary lineage of SARS-CoV-2 towards the development of novel chimeric vaccine.** Infect Genet Evol 2020:104517. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32882432>
12. Mirzaei R, Mohammadzadeh R, Mahdavi F *et al.* **Overview of the current promising approaches for the development of an effective severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) vaccine.** Int Immunopharmacol 2020; 88:106928. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862110>
13. Meißner T. **SARS-CoV-2 vaccination: BCG vaccine as stopgap?** MMW-Fortschritte der Medizin 2020; 162:18-19.
14. Wickramasinghe D, Wickramasinghe N, Kamburugamuwa SA *et al.* **Correlation between immunity from BCG and the morbidity and mortality of COVID-19.** Trop Dis Travel Med Vaccines 2020; 6:17. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32868985>
15. Jirjees FJ, Dallal Bashi YH, Al-Obaidi HJ. **COVID-19 death and BCG vaccination programs worldwide.** Tuberc Respir Dis (Seoul) 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32883062>
16. Reiter PL, Pennell ML, Katz ML. **Acceptability of a COVID-19 vaccine among adults in the United States: How many people would get vaccinated?** Vaccine 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863069>
17. Tomita Y, Sato R, Ikeda T, Sakagami T. **BCG vaccine may generate cross-reactive T cells against SARS-CoV-2: In silico analyses and a hypothesis.** Vaccine 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863070>
18. Hellerstein M. **What are the roles of antibodies versus a durable, high quality T-cell response in protective immunity against SARS-CoV2?** Vaccine X

- 2020:100076. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32875286>
19. Wang J, Jing R, Lai X *et al.* **Acceptance of COVID-19 Vaccination during the COVID-19 Pandemic in China.** *Vaccines (Basel)* 2020; 8.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32867224>

Women – pregnancy (21 articles)

1. Sharma JB, Sharma E, Sharma S, Singh J. **Recommendations for prenatal, intrapartum and postpartum care during COVID-19 pandemic in India.** *Am. J. Reprod. Immunol.* 2020:e13336. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877014>
2. Cubo AM, Villalba-Yarza A, Lapresa Alcalde MV *et al.* **COVID-19 qPCR testing in women admitted for delivery in Spain: Is universal testing worthy?: A commentary.** *Arch. Gynecol. Obstet.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892262>
3. Ronnje L, Länsberg JK, Vikhareva O *et al.* **Complicated COVID-19 in pregnancy: a case report with severe liver and coagulation dysfunction promptly improved by delivery.** *BMC Pregnancy Childbirth* 2020; 20:511.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32887569>
4. AlOmran A, Almatawah Y, Al Sharit B *et al.* **Infection Prevention and Control Challenges With First Pregnant Woman Diagnosed With COVID-19: A Case Report in Al Ahssa, Saudi Arabia.** *Cureus* 2020; 12:e10035.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32864280>
5. Park R, Chidharla A, Mehta K *et al.* **Sex-bias in COVID-19-associated illness severity and mortality in cancer patients: A systematic review and meta-analysis.** *EClinicalMedicine* 2020:100519. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32864589>
6. Chasson M, Taubman-Ben-Ari O, Abu-Sharkia S. **Jewish and Arab pregnant women's psychological distress during the COVID-19 pandemic: the contribution of personal resources.** *Ethn. Health* 2020:1-13.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32877202>
7. Ben-Kimhy R, Youngster M, Medina-Artom TR *et al.* **Fertility patients under COVID-19: Attitudes, Perceptions, and Psychological Reactions.** *Hum. Reprod.* 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32877507>
8. Liu F, Liu H, Hou L *et al.* **Clinico-Radiological Features and Outcomes in Pregnant Women with COVID-19 Pneumonia Compared with Age-Matched Non-Pregnant Women.** *Infect Drug Resist* 2020; 13:2845-2854.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32884308>
9. Zhu C, Wu J, Liang Y *et al.* **Fertility intentions among couples in Shanghai under COVID-19: A cross-sectional study.** *Int J Gynaecol Obstet* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32880942>
10. Sarwer A, Javed B, Soto EB, Mashwani ZU. **Impact of the COVID-19 pandemic on maternal health services in Pakistan.** *Int. J. Health Plann. Manage.* 2020.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32869363>
11. Dahlen HG, Kumar-Hazard B, Chiarella M. **How COVID-19 Highlights an Ongoing Pandemic of Neglect and Oppression When It Comes to Women's Reproductive Rights.** *J. Law Med.* 2020; 27:812-828.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=32880400>

12. Ozalp M, Demir O, Akbas H *et al.* **Effect of COVID-19 pandemic process on prenatal diagnostic procedures.** J Matern Fetal Neonatal Med 2020:1-6. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32873101>
13. Rubio Lorente AM, Pola Guillén M, López Jimenez N *et al.* **Study of amniotic fluid in pregnant women infected with SARS-CoV-2 in first and second trimester. Is there evidence of vertical transmission?** J Matern Fetal Neonatal Med 2020:1-3. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862730>
14. Dayal AK, Razavi AS, Jaffer AK *et al.* **COVID-19 in obstetrics 2020: the experience at a New York City medical center.** J. Perinat. Med. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32892181>
15. Pirjani R, Hosseini R, Soori T *et al.* **Maternal and neonatal outcomes in COVID-19 infected pregnancies: a prospective cohort study.** J Travel Med 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32889551>
16. Taglauer E, Benarroch Y, Rop K *et al.* **Consistent localization of SARS-CoV-2 spike glycoprotein and ACE2 over TMPRSS2 predominance in placental villi of 15 COVID-19 positive maternal-fetal dyads.** Placenta 2020; 100:69-74. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32862058>
17. Oskovi-Kaplan ZA, Buyuk GN, Ozgu-Erdinc AS *et al.* **The Effect of COVID-19 Pandemic and Social Restrictions on Depression Rates and Maternal Attachment in Immediate Postpartum Women: a Preliminary Study.** Psychiatr. Q. 2020. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32886272>
18. Yang J, Liu J, Li S, Hong L. **Treatment and Prevention Strategies for Patients with Gynecological Malignancies During the COVID-19 Pandemic.** Risk Manag. Healthc. Policy 2020; 13:1181-1185. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32884379>
19. Eubanks A, Thomson B, Marko E *et al.* **Obstetric simulation for a pandemic.** Semin. Perinatol. 2020:151294. <http://www.ncbi.nlm.nih.gov/pubmed/?term=32863048>
20. Wright JD, Advincula AP. **Gynecologic surgical considerations in the era of COVID-19.** Semin. Perinatol. 2020:151296. <http://www.ncbi.nlm.nih.gov/pubmed/?term=3286145>
21. Zöllkau J, Hagenbeck C, Hecher K *et al.* **Update on Recommendations for SARS-CoV-2/COVID-19 During Pregnancy, Birth and Childbed.** Z. Geburtshilfe Neonatol. 2020; 224:217-222.

to subscribe click [here](#)
