



## **AAENP Webinar Reference List for COVID-19**

### **ORGANIZATIONAL RESOURCES**

#### **American Academy of Emergency Nurse Practitioners (AAENP)**

- **COVID-19 Resources** – Available at <https://aaenp.memberclicks.net/total-covid-19-resources>

#### **American Academy of PAs (AAPA)**

- **COVID Resource Center** - Available at <https://www.aapa.org/news-central/covid-19-resource-center/>

#### **American Association of Critical-Care Nurses (AACN)**

- **COVID-19 Pulmonary ARDS and Ventilatory Resources** - Available at [https://www.aacn.org/education/online-courses/covid-19-pulmonary-ards-and-ventilator-resources?sc\\_campaign=D89A9158E9C34910A638BAF9931DE4F0&\\_zs=kcDSX&\\_zl=ewR22](https://www.aacn.org/education/online-courses/covid-19-pulmonary-ards-and-ventilator-resources?sc_campaign=D89A9158E9C34910A638BAF9931DE4F0&_zs=kcDSX&_zl=ewR22)

#### **American Association of Nurse Practitioners (AANP)**

- **Coronavirus Resource Center** - Available at [https://www.aanp.org/advocacy/advocacy-resource/coronavirus-disease-2019-covid-19-policy-updates?utm\\_source=Real\\_Magnet&utm\\_medium=GAU&utm\\_content=3-16&utm\\_campaign=GAF\\_COVID](https://www.aanp.org/advocacy/advocacy-resource/coronavirus-disease-2019-covid-19-policy-updates?utm_source=Real_Magnet&utm_medium=GAU&utm_content=3-16&utm_campaign=GAF_COVID)

#### **American Association for the Surgery of Trauma (AAST)**

- **AAST Mechanical Ventilation in the ICU** - Available at <https://www.aast.org/generalinformation/mechanicalventilation.aspx>

#### **American College of Emergency Physicians (ACEP)**

- **COVID-19 Repository** - Available at <https://www.acep.org/corona/COVID-19/>
- **COVID-19 Field Guide** - Available at <https://www.acep.org/corona/covid-19-field-guide/cover-page/>
- **ACEP COVID-19 Daily Updates** - Available at <https://www.acep.org/corona/COVID-19/covid-19-articles/covid-19-daily-updates/>

- **COVID-19 Clinical Assessment and Management** - Available at <https://www.acep.org/resource/dynamic/79753/78842>
- **COVID Literature, Organized by Topic** – Available at <https://www.acep.org/corona/covid-19/covid-19-articles/covid-19-recent-literature/>

### **American College of Physicians (ACP)**

- **COVID-19: An ACP Physician’s Guide + Resources** – Available at <https://assets.acponline.org/coronavirus/scormcontent/?#/>

### **American Heart Association (AHA)**

- **Oxygenation & Ventilation of COVID-19 Patients** – Available at <https://cpr.heart.org/en/resources/coronavirus-covid19-resources-for-cpr-training/oxygenation-and-ventilation-of-covid-19-patients>

### **American Medical Association (AMA)**

- **A physician’s Guide to COVID-19** – Available at <https://www.ama-assn.org/system/files/2020-03/physicians-guide-covid-19.pdf>

### **American Nurses Association (ANA)**

- **COVID-19 Resource Center** - Available at <https://www.nursingworld.org/practice-policy/work-environment/health-safety/disaster-preparedness/coronavirus/>

### **Anesthesia Patient Safety Foundation (APSF)**

- **APSF Joint statement on multiple patients per ventilator** – Available at <https://www.apsf.org/news-updates/joint-statement-on-multiple-patients-per-ventilator/>

### **Acute Respiratory Distress Syndrome Network (ARDS NET)**

- **Ventilatory Protocol** – Available at [http://www.ardsnet.org/files/ventilator\\_protocol\\_2008-07.pdf](http://www.ardsnet.org/files/ventilator_protocol_2008-07.pdf)

### **Centers for Disease Control (CDC)**

- **Coronavirus (COVID-19)** – Available at <https://www.cdc.gov/coronavirus/2019-ncov/index.html>
- **COVIDview** - Available at <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview.html>
- **Clinical Care** - Available at <https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-guidance-management-patients.html>
- **Disposition of Covid-19 Patients** - Available at <https://www.cdc.gov/coronavirus/2019-ncov/hcp/disposition-hospitalized-patients.html>
- **Guidance on Infection Control** - Available at [https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Finfection-control%2Findex.html](https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Finfection-control%2Findex.html)
- **PPE Recommendations** - Available at [https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/index.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fhcp%2Fhealthcare-supply-ppe-index.html](https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/index.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fhcp%2Fhealthcare-supply-ppe-index.html)

- **Optimizing the supply of n95 Respirators** - Available at <https://www.cdc.gov/coronavirus/2019-ncov/hcp/respirators-strategy/index.html>
- **Who to test** - Available at <https://www.cdc.gov/coronavirus/2019-nCoV/hcp/clinical-criteria.html>

## Centers for Medicare & Medicaid (CMS)

- **Health Care Providers Fact Sheet** - Available at <https://www.cms.gov/files/document/covid19-emergency-declaration-health-care-providers-fact-sheet.pdf>
- **EMTALA** - Available at <https://www.cms.gov/medicareprovider-enrollment-and-certificationsurveycertificationgeninfopolicy-and-memos-states-and/emergency-medical-treatment-and-labor-act-emtala-requirements-and-implications-related-covid19> and also <https://www.cms.gov/files/document/qso-20-15-hospitalcahemtala.pdf>

## Department of Defense (DOD)

- **DoDCovid-19 Clinical Guidelines** – Available at <https://health.mil/Reference-Center/Technical-Documents/2020/03/24/DoD-COVID-19-Practice-Management-Guide>

## EBMedicine

- **Novel Coronavirus (COVID-19) and Updated Overview for Emergency Clinicians** – Available at <https://www.ebmedicine.net/topics/infectious-disease/COVID-19>

## EM News

- **Update on the Evaluation and Management of COVID-19 Patients** – Available at <https://journals.lww.com/em-news/blog/breakingnews/pages/post.aspx?PostID=508>

## EM:RAP

- **COVID Resources** <https://covid.emrap.org/>
- **Novel Coronavirus 2019 EM:RAP. April 28th, 2020** - Available at <https://www.emrap.org/corependium/chapter/rec906m1mD6SRH9np/Novel-Coronavirus-2019-COVID-19?SearchType=%22text%22>

## Emergency Nurses Association (ENA)

- **ENA COVID-19 Resources** – Available at <https://www.ena.org/practice-resources/COVID-19>

## Evergreen Health

- **Lessons Learned: COVID-19** – Available at <https://www.evergreenhealth.com/covid-19-lessons>

## Food & Drug Administration (FDA)

- **FDA Coronavirus Disease 2019 (COVID-19)**- Available at <https://www.fda.gov/emergency-preparedness-and-response/counterterrorism-and-emerging-threats/coronavirus-disease-2019-covid-19>

## HIPPO Education

- **COVID-19 resources** – Available at <https://covid.hippoed.com/>

## **Institute for Health Metrics & Evaluation (IHME)**

- **COVID-19 Projections** – Available at <https://covid19.healthdata.org/united-states-of-america>

**International Pulmonologist’s Consensus on COVID-19**, Available at <https://static1.squarespace.com/static/5b7c658a8f5130bfc9be3fff/t/5e7a803b4b2bc27f369708bf/1585086523654/International+pulmonologist%27s+consensus+on+COVID-19.pdf.pdf.pdf.pdf>

## **National Institute of Health (NIH)**

- **LITCOVID** – Available at <https://www.ncbi.nlm.nih.gov/research/coronavirus/>
- **NIH Coronavirus Treatment Guidelines** – Available at <https://covid19treatmentguidelines.nih.gov/>

## **New England Journal of Medicine (NEJM)**

- **Coronavirus Resources** – Available at <https://www.nejm.org/coronavirus>

## **New York State Department of Health**

- **COVID-19 Testing** – Available at <https://coronavirus.health.ny.gov/covid-19-testing>
- **NY State Hospital Update** – Available at <https://coronavirus.health.ny.gov/covid-19-testing>
- **NY State Cases by County** – Available at <https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCOVID-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>

## **PulmCrit (EMCrit)**

- **Stop Knee Jerk Intubation** – Available at <https://emcrit.org/emcrit/stop-kneejerk-intubation/>
- **Guide to APRV in COVID-19** – Available at <https://emcrit.org/pulmcrit/aprv-covid/>
- **Awake Pronation** – Available at <https://emcrit.org/emcrit/awake-pronation/>
- **Critical Care for the Non-intensivist** – Available at <https://emcrit.org/emcrit/critical-care-for-non-intensivists/>
- **WHO guidelines regarding fluid administration for corona virus are dangerously misguided** – Available at <https://emcrit.org/pulmcrit/coronavirus/>
- **Internet Book of Critical Care (IBCC)** – Available at <https://emcrit.org/ibcc/COVID19/>
- **Covid-19 Airway** – Available at <https://emcrit.org/emcrit/covid-airway-management/>

## **Rebel EM**

- **COVID-19 Hypoxemia: A better and still safe way** – Available at <https://rebelem.com/covid-19-hypoxemia-a-better-and-still-safe-way/>
- **COVID-19- Trying not to intubate early and why ARDSnet may be the wrong ventilator protocol** – Available at <https://rebelem.com/rebel-cast-ep79-covid-19-trying-not-to-intubate-early-why-ardsnet-may-be-the-wrong-ventilator-paradigm/>
- **COVID-19 Protected Code Blue** – Available at <https://rebelem.com/covid-19-protected-code-blue/>
- **COVID-19 Lopinavir-ritonavir in hospitalized patients with severe covid-19** – Available at <https://rebelem.com/lopinavir-ritonavir-in-hospitalized-patients-with-severe-covid-19/>

- **COVID-19 The Basics** – Available at <https://rebelem.com/covid-19-the-basics/>
- **COVID-19 Cardiovascular Considerations** – Available at <https://rebelem.com/covid-19-cardiovascular-considerations/>
- **COVID-19 Pediatrics and Pregnancy** – Available at <https://rebelem.com/covid-19-pediatrics-and-pregnancy/>
- **COVID-19 Potential Workflows and Telemedicine** – Available at <https://rebelem.com/covid-19-potential-workflows-and-telemedicine/>
- **COVID-19 Laboratory and Imaging Abnormalities** – Available at <https://rebelem.com/covid-19-laboratory-and-imaging-abnormalities/>
- **COVID-19 Protecting our families and patient disposition** – Available at <https://rebelem.com/covid-19-protecting-our-families-and-patient-disposition/>
- **COVID-19 Screening, Testing, PUI, and returning to work** – Available at <https://rebelem.com/covid-19-screening-testing-pui-and-returning-to-work/>
- **COVID-19 Clinical therapeutic staging and treatment** – Available at <https://rebelem.com/covid-19-clinical-therapeutic-staging-proposal-and-treatment/>
- **COVID-19 Airway Management** – Available at <https://rebelem.com/covid-19-airway-management/>

### **Society for Academic Emergency Medicine (SAEM)**

- **SAEM resource center** – Available at <https://saem.org/resources/covid-19-webinar>

### **Society of Critical Care Medicine (SCCM)**

- **COVID-19 Cheat Sheet** – Available at <https://static1.squarespace.com/static/5b7c658a8f5130bfc9be3fff/t/5e77e605683f0c72e534d647/1584915973488/covid+ards+vent.jpg>
- **Critical Care for the Non-ICU Clinician** – Available at <https://covid19.sccm.org/nonicu.htm>
- **Surviving Sepsis-Guidelines on Management of Critically Ill with COVID-19** – Available at [https://sccm.org/getattachment/Disaster/SSC-COVID19-Critical-Care-Guidelines.pdf?lang=en-US&\\_zs=UpeSf1&\\_zl=k1cc6](https://sccm.org/getattachment/Disaster/SSC-COVID19-Critical-Care-Guidelines.pdf?lang=en-US&_zs=UpeSf1&_zl=k1cc6)

### **Society of Emergency Medicine Physician Assistants (SEMPA)**

- **SEMPA resource center** – Available at <https://www.sempa.org/practice-management/covid-19-resources>

### **Society of Hospital Medicine (SHM)**

- **Coronavirus Disease 2019 (COVID-19)** – Available at <https://www.hospitalmedicine.org/clinical-topics/coronavirus-disease-2019-covid-19-resources-for-hospitalists>

### **World Health Organization (WHO)**

- **Clinical Management of severe acute respiratory infection when COVID-19 is suspected** – Available at [https://www.who.int/publications-detail/clinical-management-of-severe-acute-respiratory-infection-when-novel-coronavirus-\(ncov\)-infection-is-suspected](https://www.who.int/publications-detail/clinical-management-of-severe-acute-respiratory-infection-when-novel-coronavirus-(ncov)-infection-is-suspected)
- **Coronavirus disease 2019 (COVID-19)** – Available at <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>
- **COVID-19 Technical Guidance** – Available at <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance>

## **PUBLICATIONS**

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Balgalore, S., Sharma, A., Slotwiner, A. (2020). **ST Segment Elevation in Patients with COVID-19-A Case Series.** *N Engl J Med*, April 17. Available at <https://www.nejm.org/doi/full/10.1056/NEJMc2009020>

Fowler AA, Truwit JD, Hite RD, et al. (2019). **Effect of Vitamin C Infusion on Organ Failure and Biomarkers of Inflammation and Vascular Injury in Patients With Sepsis and Severe Acute Respiratory Failure: The CITRIS-ALI Randomized Clinical Trial.** *JAMA*, 322(13):1261–1270.

Greenhalgh, T., Koh, G., & Car, J. (2020). **COVID-19: A Remote Assessment in Primary Care.** *BMJ*, 368:m1182. Available at <https://www.bmj.com/content/368/bmj.m1182>

Kamps, B. & Hoffman, C. (2020). **COVID Reference Mini-textbook.** Available at <https://covidreference.com/>

Lee et al (2004). **Effects of early corticosteroid treatment on plasma SARS-associated Coronavirus RNA concentrations in adult patients.** *J Clin Virol*;31[4]:304-9.

Liu, J et. al. (2020). **Neutrophil-to-Lymphocyte Ratio Predicts Severe Illness Patients with 2019 Novel Coronavirus in the Early Stage.** Available at <https://www.medrxiv.org/content/10.1101/2020.02.10.20021584v1.full.pdf>

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Ruan, Q., Yang, K., Wang, W., Jiang, L., & Song, J. (2020). **Clinical predictors of mortality due to COVID-19 based on an analysis of data of 150 patients from Wuhan, China.** *Intensive Care Med*, Epub ahead of print.

Shakoory, B., et al. (2016). **Interleukin-1 Receptor Blockade is Associated with Reduced Mortality in Sepsis Patients with features of Macrophage Activation Syndrome: Reanalysis of a Prior Phase III Trial.** *Crit Care Med*; 44(2): 275-81.

Tam, CF, et al. (2020). **Impact of Coronavirus Disease 2019 (COVID-19) outbreak on ST segment-elevation Myocardial Infarction Care in Hong Kong, China.** *Cir Cardiovasc Qual Outcomes*; 13(4):e006631. Epub 2020 March 17.

Xu, Z., et al. (2020). **Pathological findings of COVID-19 associated with acute respiratory distress syndrome.** Lancet Respir Med; 8: 420–22. Available at <https://www.thelancet.com/action/showPdf?pii=S2213-2600%2820%2930076-X>

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Yunyongying, P., Ebell, M., Smith, M., & Jalli, S. (2020). **Coronavirus SARS-CoV1 infection** in Essential Evidence Plus. Wiley Publishers. Available at <http://www.essentialevidenceplus.com/content/eee/881?>

Zandvakili, I., et al (2018). **Ruxolitinib as first-line treatment in secondary hemophagocytic lymphohistiocytosis: A second experience.** Am J Hematol; 93(5):E123-125. Available at <https://www.ncbi.nlm.nih.gov/pubmed/29417621>

## **TOPICAL RESOURCES**

### **Clinical Companions**

- **Brigham & Women’s Hospital COVID-19 Clinical Guidelines**– Available at <https://covidprotocols.org/>
- **Lifefridge Health Clinical Resources for COVID-19** – Available at <http://www.lifebridgehealth.org/covid-19/COVID-19ClinicalResources.aspx>
- **Medical Student Covid-19 Curriculum** – Available at <https://curriculum.covidstudentresponse.org/>

### **Critical Care Topics**

- **Care for the Critical Care for COVID-19** – Available at <https://jamanetwork.com/journals/jama/fullarticle/2762996>
- **Critical Care Resources for Non-ICU Clinicians** – Available at <https://www.propofology.com/non-icu.html>
- **Critical Care Refresher** – Available at <https://static1.squarespace.com/static/5b7c658a8f5130bfc9be3fff/t/5e7f79c6d6fbed7437c67b03/1585412555281/Quick+refresher+sheets+for+housestaff+%28Critical+care+and+COVID-19%29.pdf>
- **Fluid Resuscitation in the critically ill** – Available at <https://www.shmlearningportal.org/content/fluid-resuscitation-critically-ill#group-tabs-node-course-default1>
- **Mechanical Ventilation Part 1: the Basics** – Available at <https://www.shmlearningportal.org/content/mechanical-ventilation-part-i-basics#group-tabs-node-course-default1>
- **Mechanical Ventilation Part 2: Beyond the Basics** – Available at <https://www.shmlearningportal.org/content/mechanical-ventilation-part-ii-beyond-basics#group-tabs-node-course-default1>

- **Mechanical Ventilation Part 3: ARDS** – Available at <https://www.shmlearningportal.org/content/mechanical-ventilation-part-iii-ards#group-tabs-node-course-default1>
- **Pulmonary Critical Care Illustrated Primer** – Available at <https://pulmccm.org/review-articles/an-illustrated-primer-on-covid-19-therapy-part-1/>
- **Quick ICU Training for COVID-19** – Available at <https://www.quickicutraining.com/>

## Mental Health Resources

- **Calm** – Available at <https://www.calm.com/>
- **Coping for Emergency Responders** – Available at <https://emergency.cdc.gov/coping/responders.asp>
- **COVID-19 Mental Health Resource Hub** – Available at <https://psychhub.com/covid-19/>
- **Headspace** – Available at <https://www.headspace.com/covid-19>
- **Managing Stress and Anxiety** – Available at [https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/managing-stress-anxiety.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fprepare%2Fmanaging-stress-anxiety.html](https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/managing-stress-anxiety.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fprepare%2Fmanaging-stress-anxiety.html)
- **Mental Health Considerations** – Available at <https://www.who.int/docs/default-source/coronaviruse/mental-health-considerations.pdf>
- **Wellness and Social Distancing** – Available at <https://time.com/5804130/covid-19-social-distancing-wellness/>
- **10 percent Happier** – Available at <https://www.tenpercent.com/>

## Pharmacology

- **Johns Hopkins Antibiotic Guide** – Available at [https://www.hopkinsguides.com/hopkins/view/Johns\\_Hopkins\\_ABX\\_Guide/540747/all/Coronavirus\\_COVID\\_19\\_SARS\\_CoV\\_2\\_?svar=a%7cub&svar=c%7cABXCOVID\\_GenMarch20&akey=rzg-fzi7dz8&utm\\_source=hyperlink&utm\\_medium=em&utm\\_campaign=ABXCOVID\\_GenMarch20](https://www.hopkinsguides.com/hopkins/view/Johns_Hopkins_ABX_Guide/540747/all/Coronavirus_COVID_19_SARS_CoV_2_?svar=a%7cub&svar=c%7cABXCOVID_GenMarch20&akey=rzg-fzi7dz8&utm_source=hyperlink&utm_medium=em&utm_campaign=ABXCOVID_GenMarch20)
- **Review of Emerging Pharmacotherapy for the Treatment of Coronavirus Disease 2019** – Available at <https://accpjournals.onlinelibrary.wiley.com/doi/abs/10.1002/phar.2398>