



Gillespie & Shackell (2017). Exploring the oxygen supply and demand framework as a learning tool in undergraduate nursing education. Nurse Education Pract. 2017;27:107-113. doi: 10.1016/j.nepr.2017.08.022

epicc COVID19 Summary

COVID-19 causes lung injury, which impairs oxygen supply.

Later in the course of illness ventilation problems can occur[1].



covid19.epicclearning.ca

References

1. Siddiqui HK, Mehra MR. COVID-19 Illness in Native and Immunosuppressed States: A ClinicalTherapeutic Staging Proposal. Journal of Heart and Lung Transplantation. doi: 10.1016/j.healun.2020.03.012
2. Gillespie M, Shackell E. Exploring the oxygen supply and demand framework as a learning tool in undergraduate nursing education. Nurse Educ Pract. 2017;27:107-113. doi:10.1016/j.nepr.2017.08.022

Yellow: The goal for COVID-19 care is enough oxygen supply to meet oxygen demand.

Pink: This part is the primary problem of COVID-19 and the reason for most hospital admissions.

Blue: This portion is thought to be a progression of COVID-19 and, combined with oxygenation problems, the reason for most critical care admissions.

Gray: This area is what we try to balance when nursing patients with COVID-19 in critical care.