RECOGNIZING CORNAVIRUS-19 (COVID-19)

The newly discovered virus named COVID-19 has spread across all nations in a pandemic not previously seen for nearly 100 years. Since this virus is newly discovered, there are many things we don't know about the micro-organism. Typical symptoms are easy to identify, but there are other symptoms associates with a COVID-19 infection that are not so clear.

- 1) Can an individual get re-infected after having had the virus and recovered from it?
 - a) We don't know the answer yet, persons develop measurable antibodies, but we don't know if they are protective, research is ongoing.
- 2) How long do the virus particles (droplets or "aerosolized") remain in the air we breathe?
 - a) Likely up to 3 hours, depending upon volume. Good news: generally, stays within 1 foot of the person with the infection.
- 3) Just how far in distance we need to stay away from an individual with a COVID-19 infection or suspected infection?
 - a) Researchers have determined 6 feet separation from other individuals, indoors and outdoors as well. Following "Social Distancing" concept and "Stay at Home" directives.
- 4) How long can the virus live on a solid surface? It depends on the surface.
 - a) Cardboard: up to 3 hrs.; Stainless Steel: 5-6 hrs.; Plastic: 6-7 hrs.

WELL- KNOWN SYPMPTOMS	LESSER KNOWN SYMPTOMS
Fever	Dry cough (initially)
Productive cough	Chest pain
Shortness of breath	Dizziness
Muscle/joint aches	Confusion
Headache	Sore throat
Hemoptysis	Nasal congestion
	Runny nose
	Sneezing
	Loss of appetite
	Generalized Abdominal Pain
	Loss of taste and/or loss of smell

References

- Adhikari, S., Meng, S., Wu, Y. et al. Epidemiology, causes, clinical manifestation and diagnosis, prevention and control of coronavirus disease (COVID-19) during the early outbreak period: a scoping review. Infect Dis Poverty 9, 29 (2020). https://doi.org/10.1186/s40249-020-00646-x
- Cascella M, Rajnik M, Cuomo A, et al. Features, Evaluation and Treatment Coronavirus (COVID-19) [Updated 2020 Mar 20]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK554776/
- Doremalen, N. V., Bushmaker, T., Morris, D., Holbrook, M., Gamble, A., Williamson, B., ... Munster, V. (2020). Aerosol and surface stability of HCoV-19 (SARS-CoV-2) compared to SARS-CoV-1. Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1. doi: 10.1101/2020.03.09.20033217
- Fang, L., Karakiulakis, G., & Roth, M. (2020). Are patients with hypertension and diabetes mellitus at increased risk for COVID-19 infection?. The Lancet. Respiratory medicine, 8(4), e21. https://doi.org/10.1016/S2213-2600(20)30116-8
- Jiang, F., Deng, L., Zhang, L. et al. Review of the Clinical Characteristics of Coronavirus Disease 2019 (COVID-19). J GEN INTERN MED (2020). https://doi.org/10.1007/s11606-020-05762-w