

June 10, 2020

From: COVID-19 Scientific Research Committee

To: Pandemic Response Team, CFD Testing Advisory Strategy Group and Med Staff

Dear Committees:

The Scientific Research Committee was asked to review the literature surrounding elective ophthalmology procedures as it relates to COVID-19 testing.

An ophthalmologist was one of the first people to contract COVID-19 in Wuhan, China from an asymptomatic patient who presented with conjunctivitis. He subsequently succumbed to the virus.

Research shows that at least 10% of patients have the virus in their tears. Due to the proximity to patients, ophthalmologists are at a higher risk for contracting COVID-19. Scientific literature supports the following recommendations:

- 1. PCR Testing
- 2. Contact Tracing
- 3. Screening Questionnaire
- 4. Risk Stratification
- 5. Appropriate PPE (N95 or PAPR)
- 6. Use of aerosol protection devices during intubation and extubation
- 7. Non-anesthetic manpower should be outside the operating room during intubation and extubation
- 8. Providine lodine disinfection for endonasal lacrimal and orbital procedures
- 9. An interval of 20-30 minutes between cases

We would like to raise this topic to the CFD Testing Advisory Strategy Group for consideration.

Sincerely,

COVID-19 Scientific Committee

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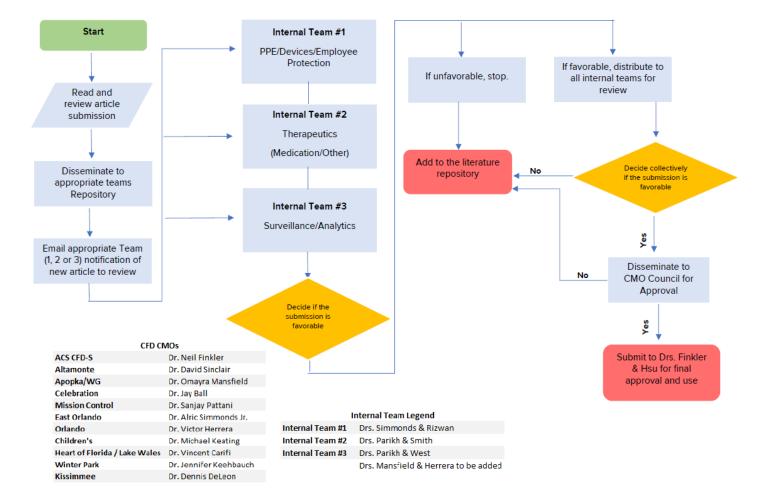
Dr. Sanjay Pattani, MD Dr. David Sinclair, MD Dr. Alric Simmonds Jr., MD Dr. Joe Smith, MD

References

- Ali, M. J., Hegde, R., Nair, A. G., Bajaj, M. S., Betharia, S. M., Bhattacharjee, K., Chhabra, A. K., Das, J. K., Dudeja, G., Grover, A. K., Honavar, S. G., Kim, U., Mahesh, L., Mukherjee, B., Sethi, A., Sharma, M., & Singh, U. (2020). All India Ophthalmological Society - Oculoplastics Association of India consensus statement on preferred practices in oculoplasty and lacrimal surgery during the COVID-19 pandemic. *Indian Journal of Ophthalmology*, *68*(6), 974–980. https://doi.org/10.4103/ijo.IJO_1415_20
- Karimi S., Arabi A., Shahraki T., & Safi S. (2020). Detection of severe acute respiratory syndrome Coronavirus-2 in the tears of patients with Coronavirus disease 2019. *Eye (London).* Advance online publication. <u>https://doi:10.1038/s41433-020-0965-2</u>
- Sadhu, S., Agrawal, R., Pyare, R., Pavesio, C., Zierhut, M., Khatri, A., Smith, J. R., de Smet, M. D., & Biswas, J. (2020). COVID-19: Limiting the risks for eye care professionals. *Ocular Immunology and Inflammation*. Advance online publication. <u>https://doi.org/10.1080/09273948.2020.1755442</u>
- Tang, E., Wong, D., Chan, Y., & Li, K. (2020). Emergency ophthalmic surgeries during COVID-19-a Hong Kong perspective. *Graefe's Archive for Clinical and Experimental Ophthalmology*. Advance online publication. <u>https://doi.org/10.1007/s00417-020-04768-8</u>
- Wong, D., Tang, E., Njo, A., Chu, C., Chau, S., Chow, T. L., Lim, H. S., Fung, K., & Li, K. (2020). Risk stratification protocol to reduce consumption of personal protective equipment for emergency surgeries during COVID-19 pandemic. *Hong Kong Medical Journal, 26.* Advance online publication. <u>https://doi.org/10.12809/hkmj208533</u>



Disclaimer: The Scientific Committee was formed under the Medical Management Branch of the COVID-19 Pandemic Response Team. The committee's goal is to create a repository, interrogate research literature as it pertains to the treatment of COVID-19 and provides a rapid approval process. The algorithm below is the decision-making process that governs our decisions.



Scientific Subcommittee Approval Process