

# COVID-19 OCULAR ASSOCIATIONS IN THE SCIENTIFIC LITERATURE: SYNOPSIS 2

The COVID-19 pandemic began in December and has affected people in nearly every country in the world. We provide a summary of ocular-related associations with COVID-19 in the literature, and we plan to update this as we become aware of new manuscripts. Thus far, it appears that approximately 1-5% of COVID-19 patients experience conjunctivitis and very few COVID-19 patients exhibit virus in their tears.

**Jun ISY, Anderson DE, Kang AEZ, Wang L-F, Rao P, Young BE, Lye DC, Agrawal R. Assessing Viral Shedding and Infectivity of Tears in Coronavirus Disease (COVID-19) Patients. *Ophthalmol* 2020**

- Case series
- (+) RT-PCR nasopharyngeal swab (+) for coronavirus
- Tear samples collected with Shirmer's test strip at various times between days 3 and 20 after first symptom
- All tear samples were (-) for COVID-19
- Conclusion: "The risk of SARS-CoV-2 transmission through tears is low."



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