

# COVID-19 OCULAR ASSOCIATIONS IN THE SCIENTIFIC LITERATURE: SYNOPSIS 7

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.

**Yung C, Kam K, Wong SMY, Maiwald M, Tan Y, Thoon K. Environment and Personal Protective Equipment Tests for SARS-CoV-2 in the Isolation Room of an Infant With Infection. *Ann Int Med.* 2020**

- Anecdotal case report in Letters
- Asymptomatic infant with high viral load of COVID-19 isolated
- Both parents quarantined separately with COVID-19
- Sampled infant's bedding; cot rail; table 1 meter away from infant's bed
  - All three tested positive
- Sampled health care worker's face shield, N95 mask, and waterproof gown after feeding and carrying infant for 15 minutes
  - All three tested negative
- Environment may have been contaminated via crying or drool, which could have been on bottle or wipes placed on table
- Conclusion: "...even generally well infants positive for [COVID-19] with no respiratory symptoms can easily contaminate nearby environments. Our data also reaffirm the importance of hand hygiene when caring for infants with COVID-19 and potentially in helping to reduce environmental virus contamination."



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