

## Atypical Ophthalmic Manifestations in Covid 19 Pandemic

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We have been facing COVID 19 pandemic for a long time now and lot of modalities in term of its preventive aspect has been in terms of

- Social distancing facial masking and sanitization.
- Govt also came up with respective lock downs.

Still lot of cases of COVID-19 pandemic occurred may were treated and many lost their precious lives however we have now come up with covid 19 vaccine with the hope to break the chain of COVID-19.

Let us go to the scenario of atypical ophthalmic manifestations of covid 19 pandemic.

It has been seen that the corona virus is present in tears saliva and in prostate anorectal region so ophthalmologists, dental surgeons, gastroenterologists have to take special precautions while examining the patients.

Atypical ophthalmic manifestations are conjunctivitis pink eye yellowish eye discharge, follicular and phlyctenular conjunctivitis.

Kawasaki disease is a kind of vasculitis self-limiting involving medium vessels diabetic retinopathy.

Due to lock down diabetic patients will go into kind of sedentary scenario and may be not get the regular treatment so there is a chance for them to get complication of diabetic retinopathy.

**Can also get retinal changes:**

- Neuro ophthalmic complications
- Poly neuritis
- G b Syndrome
- Meningitis encephalitis meningoencephalitis
- Encephalopathy 3<sup>rd</sup> nerve involvement
- Ocular surface disorders
- Rare ocular complications
- Ant ischemic optic neuropathy
- Ocular side effects of drugs
- Antimalarial.

**Can cause:**

- Hypoglycemia anemia and i.t disturbances extra pyramidal side effects antiviral.

**Can cause retinal changes:**

- Immunomodulatory drugs
- Retinal changes
- Uveitis
- Cotton wool spots
- Bilateral papilledema.

**Conclusion**

Covid 19 pandemic has produced various atypical manifestations and at the same time eyes have not escaped every ophthalmic

mologist should be aware of these atypical ophthalmic manifestations so as to give proper medication in time.

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