

## Scenario of Various Ophthalmic Rings

### Gowhar Ahmad\*

Professor, Department of Ophthalmology, Florence Hospital Multispeciality Center, Chanapora, India

\***Corresponding Author:** Gowhar Ahmad, Professor, Department of Ophthalmology, Florence Hospital Multispeciality Center, Chanapora, India.

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We have kind of different ophthalmic rings which once a while comes to the notice of an ophthalmologist so one has to understand the pathophysiology and importance of these ophthalmic rings.

- K F ring is a manifestation of a condition known as Wilson's disease which is characterized by impairment of copper metabolism due to deficiency of an enzyme celluloplasmunso copper gets deposited on the peripheral part of destems membrane if corneal and is seen as golden brown ring on skit lamp known as k f ring very rarely inevnay see sunflower cataract copper can also get deposited in liver to cause cirrhosis also copper may also get deposited in lenticular nucleus to cause neuropsychiatric manifestations.
- Fleischer ring is brownish ring of hemosiderin seen on base of cone in keratoconus.
- Wasius ring is due to blunt trauma where a ring shaped uveal ring is seen on Atkins capsule.
- Simmering crystalline ring is seen in post capsular opacification.
- Weiss rung is seen in post vitreous detachment and old age.
- Golden ring is seen during phaco.
- Immune ring is due to fungal keratitis.

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