



## Scenrio of Ophthalmic Rings and It's Importance in Ophthalmology

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**Received:** June 03, 2024

**Published:** June 27, 2024

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Fellowship in pediatric ophthalmology from morefields eye hospital London and fellowship in oculoplasty and neurophthalmology from King Khaled eye specialist hospital Reyadh s Arabia ex sr consultant ophthalmologist hod qateef Centra hospital Dammem Eastern provincers s Arabia ex sr consultant ophthalmologist G m c Srinagar Kashmir has more than 45 years of experience national and international speaker has many national and international publications on JoJo msor respectively influencer on curofy icon curofy for years 2021 22 Editor in chief International journal of scientific research member scientific committee of world congress of clinical pediatrics and neonatology dm and pediatric endocrinology member international journal of ophthalmology and advance research optometry and ophthalmic research reviewer researcher and board member of many international journal has attended many international webinars as a speeker awarded most outstanding ophthalmic teacher of India on eve of 6th national annual assembly forum at Regional institute of ophthalmology rohtak haryana on 2nd April 2023 and 7th national annual assembly forum at r p center for ophthalmic sciences AIIMS New Delhi on 6th January 2024

- Member Aios
- Member Aicon
- Member Dos
- Member kos
- Member Agra ophthalmic society
- G secretary Kashmir ophthalmic society
- We have different ophthalmic rings in ophthalmology
- Their pathophysiology is of great importance
- K f ring
- Flishers ring
- WASIUS ring
- S crystalline ring
- Weis ring
- Golden ring
- Immune ring

### Discussion

K f ring is a kind of golden brown ring seen at periphery of des mem of cornea on slit lamp in case of wolsons DESEASE also known this disorder is a kind of genetic duevto DEFECIENCY of enzyme CELLULOPLASMIN which is responsible for COPPER METABOLISM so level of copper in body increseas the copper gets deposited on descmem of cornea seen as golden brown ring known as k fvring Copper gets deposited in liver to cause cirrhosis Gets deposited in g bladder to cause gall stones Gets deposited in joints to cause arthritis.

In brain to cause neuropsychological Manifestations like Parkinson's Flishers ring is BROWNISH RING OF HEMOSIDRINE AT BASE OF CONE in KERATOCONUS WASIUS ring due to blunt truma iris pigment gets deposited on ant lens capse as a ring crystalline ring seen in post cap opacefecation in cataract surgery.

Weiss ring seen in post vitrous detachment and old age Golden ring seen in phaco Immune ring in fungal KERATITIS.

### Conclusion

Conclusion in conclusion every ophthalmologist should know the pathophysiology of all these rings  
I have no financial interest in publication of this article.