Image Article

## Epicapsular Stars: Ophthalmic Congenital Abnormality

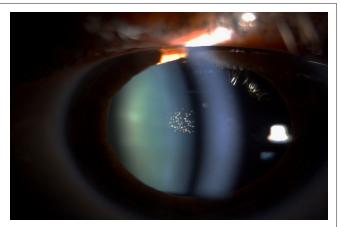
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## DESCRIPTION

We report the case of a 55-year-old patient, with no particular pathological history, who presented for a routine ophthalmic consultation. The examination finds a visual acuity corrected by far to 7/10 on the right side, and 8/10 on the left side, the examination of the anterior segment noted the existence of pigmented granules grouped in clusters at the level of the anterior capsule of the lens of both eyes (Figures 1 and 2). The rest of the exam did not note any abnormality[1-4].

Epicapsular stars are congenital anomalies, due to the persistence of the pupillary membrane [5]. They appear as multiple brown opacities in the anterior capsule and rarely affect vision, except when they are confluent, and located in the visual axis, they can then lead to amblyopia [6].



**Figure 1**: Brown particles located in the anterior capsule of the lens.

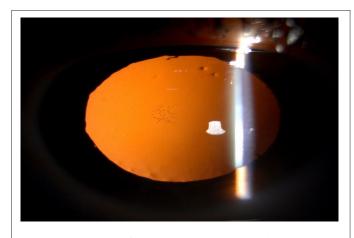


Figure 2: presence of Epicapsular stars grouped in clusters.

## REFERENCES

- Balijepalli P, Srirampur A, Gadde AK. Rice granule epicapsular stars. Indian J Ophthalmol. 202; 68(8):1667.
- Choudhry S, Rao SK, Choudhry S. Management of atypical epicapsular star. J Cataract Refract Surg. 2001; 27(3):481-4.
- Lezrek O, Hajji C, Ez-Zahraoui M, Jait A, Laghmari M, Lezrek M. Étoiles précapsulaires. J Fr Ophtalmol. 2018;41(4):386.
- Efron N, Collin HB. Epicapsular Stars with Visual Loss. Optom Vis Sci. 1979;56(7):441-5.
- Zeng R, Liang X, Wang G. Epicapsular Stars. Ophthalmology. 2016; 123(10):2076.
- Deshmukh S, Bhattacharjee H, Gupta K. Epicapsular stars. Indian J Ophthalmol. 2018; 66(11):1624-5.

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