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Clinical Image

Epicapsular Stars

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Clinical image

An asymptomatic 36-year-old woman presented to our hospital for a routine ophthalmic examination. Slit lamp biomicroscopy revealed in her right eye tiny pigmented opacities on the anterior lens capsule. Epicapsular stars represents the incomplete involution of the tunica vasculosa lentis, a vascular network that surrounds the lens during embryogenesis. Usually they are not visually significant and may occur unilaterally or bilaterally and vary in number. Epicapsular stars are sometimes amorphous and occur primarily within the pupillary area as a small brown pigmentary masses.

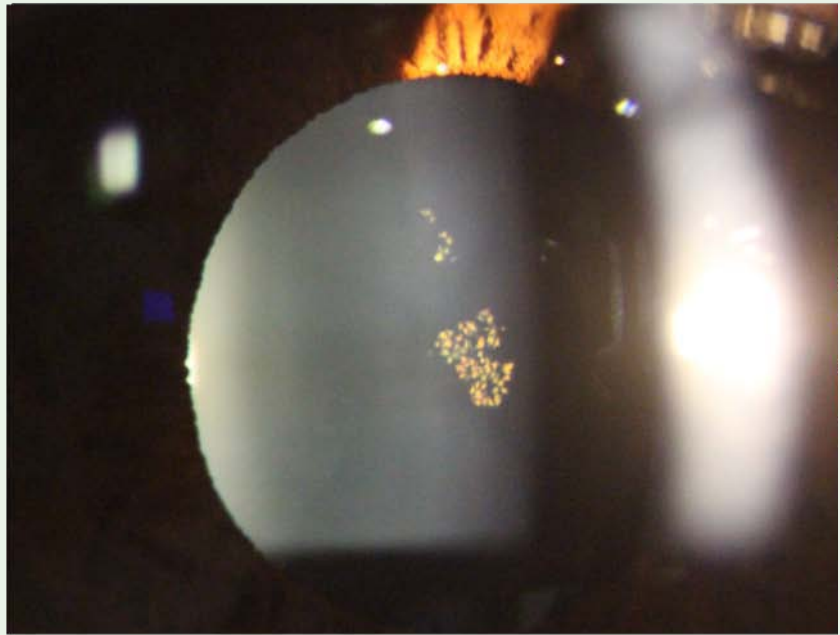


Figure 1: Slit lamp microscopic photography of the right eye showed epicapsular stars. They consist of a tiny brown, star-shaped, pigmented deposits on the central anterior lens capsule.

References

1. Toulant P. Les précipités pigmentaires en étoile de la cristaloïde antérieure. Arch. Ophtalmol. (Paris). 1923; 40: 283-291.
2. Efron N, Collin HB. Epicapsular stars with visual loss. Am J Optom Physiol Opt. 1979; 56: 441-445.
3. Zeng R, Liang X, Wang Guoping. Epicapsular stars. Ophthalmology. 2016; 123: 2076.
4. Choudhry S, Rao SK, Choudhry S. Management of atypical epicapsular star. J Cataract Refract Surg. 2001; 27: 481-484.