

Images in clinical medicine



Rosette cataract thirty years after trauma

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Rosette cataract thirty years after trauma

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Image in medicine

A 48-year-old healthy woman presented with complaints of diminution of vision in the right eye for the last 8 months. She reported having undergone trauma to her right eye at the age of 18. Visual acuity was 20/40 right eye. The slit lamp biomicroscopy of the right eye showed a central endonucleus cataract with white axial opacities organized in a distinctive Rosette pattern, forming six distinct quadrangular 'petals' (yellow arrow) and a transparent outer epinuclear shell (blue arrow). Notably, the absence of zonular rupture differentiates it from a subluxated cataract. Cataracts with a Rosette or stellate-shaped appearance are typically seen in blunt or ocular injuries. Prior to surgery, patients must be checked

for associated lesions, especially zonular dehiscence.

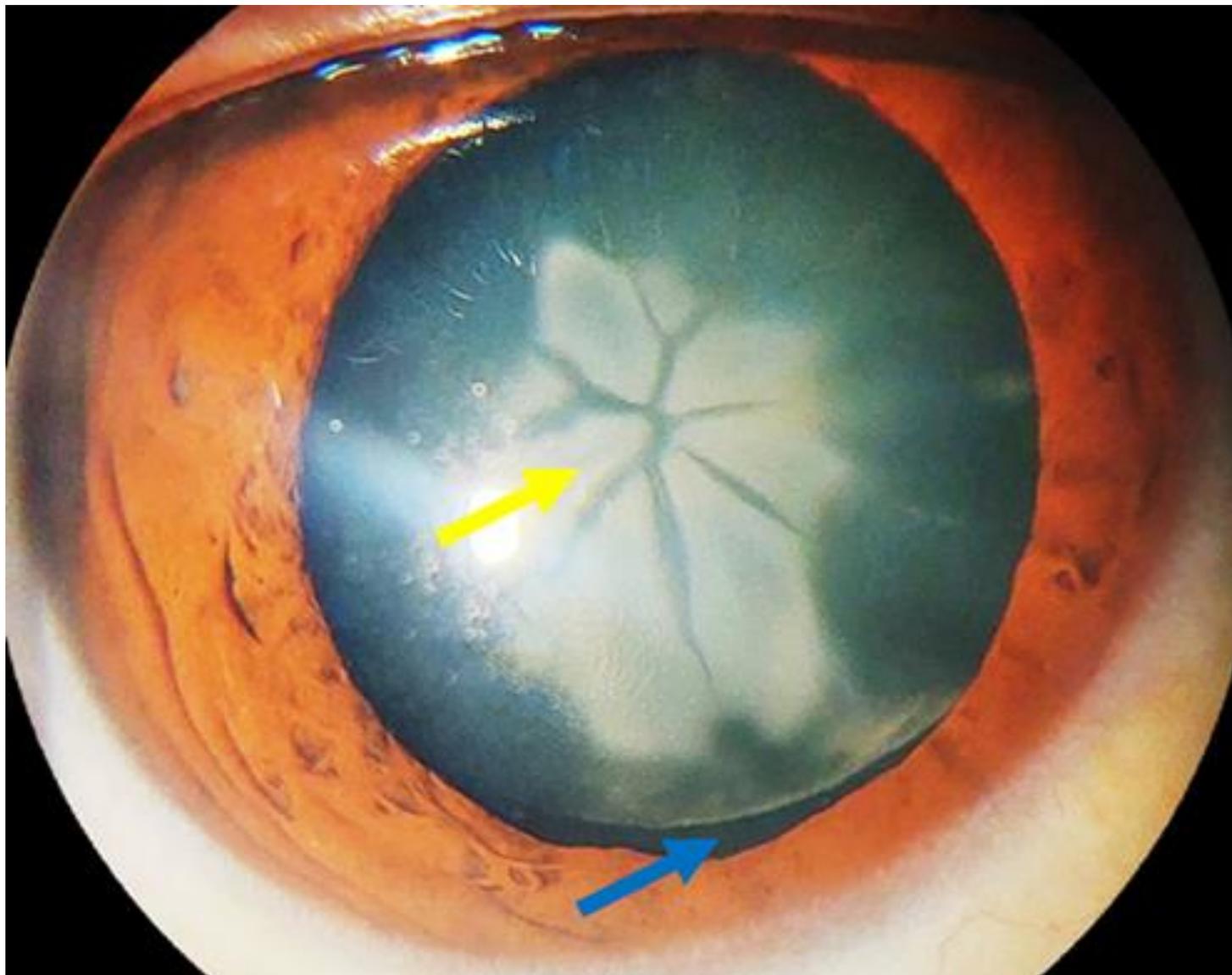


Figure 1: central endonucleus cataract with white axial opacities organized in a distinctive Rosette pattern, forming six distinct quadrangular 'petals' (yellow arrow) and transparent outer epinuclear shells without zonular dehiscence (blue arrow)