

Images in clinical medicine



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 Aymane Ridallah, Souhail Jouahri

Corresponding author: Aymane Ridallah, Université Mohammed V Soussi, Ophtalmologie A, l'Hôpital des Spécialités, CHU Rabat, Rabat, Maroc. aridallah@gmail.com

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A typical combination of a Y-suture and cerulean cataract

Aymane Ridallah^{1,*}, Souhail Jouahri¹

¹Université Mohammed V Soussi, Ophtalmologie A, l'Hôpital des Spécialités, CHU Rabat, Rabat, Maroc

*Corresponding author

Aymane Ridallah, Université Mohammed V Soussi, Ophtalmologie A, l'Hôpital des Spécialités, CHU Rabat, Rabat, Maroc

Image in medicine

We report a case of a 30-year-old patient with visual discomfort in the left eye for 2 years. At the clinical examination, the visual acuity is 20/25. The ocular tonus is at 16 mmHg. Examination of the anterior segment shows the existence of a cataract made of an opacification of the crystalline Y-suture, associated with mass punctuations in the anterior crystalline cortex. The patient received an optical correction, and was made aware of the nature of his pathology and the need for annual monitoring, pending surgery when the decrease in visual acuity will be more significant. Cerulean cataract is a rare form of congenital cataract, made up of bluish or whitish crystalline opacities, arranged in concentric layers with a radial arrangement in the center. It

may be present at birth or develop in very early childhood, but not be diagnosed only as an adult. The condition is autosomal dominant, and may be caused by mutations in several genes (CRYBB2,

CRYGD and MAF). Treatment is based on phacoemulsification of the lens if there is a decrease in visual acuity.

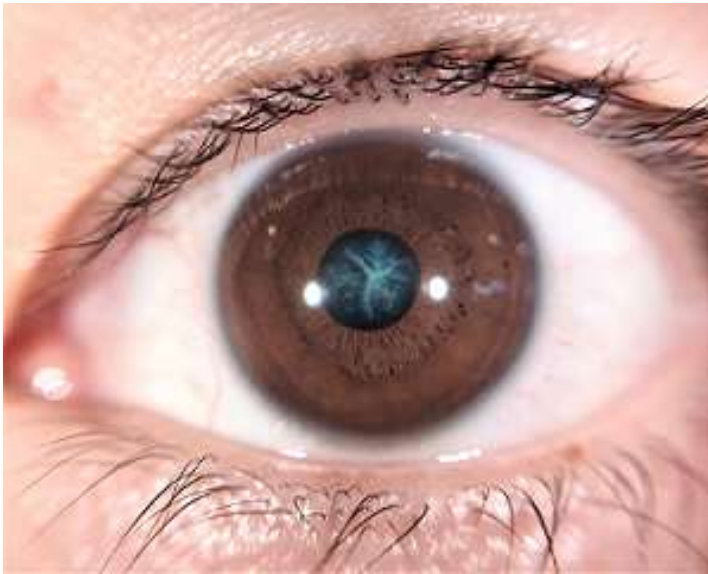


Figure 1: opacification of the Y-crystalline suture, combined with a cerulean cataract