

Neovascular Complications Revealing Anguloid Streaks in Pseudoxanthoma Elasticum



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Abstract

35-year-old woman previously healthy, who consults for a rapidly progressive bilateral visual acuity drop more accentuated on the left eye quantified at 2/10, while the value was 5/10 for the right eye. The ophthalmological examination of the anterior segment was normal. The fundus examination (Figure 1) showed: anguloid streaks appear as narrow, lines extending from the papilla towards the retinal periphery, with temporal perifoveolar streaks on the right eye and foveolar ones on the left. Macular OCT (Figure 2): objectified bilateral subretinal hyperreflectivity corresponding to a fibrovascular scar. On the left eye there is macular lamellar clarity. No exudative sign on the right eye (Figure 3-5).

Keywords: Anterior segment; Anguloid streaks; Papilla; Retinal periphery; Perifoveolar streaks; Subretinal hyperreflectivity

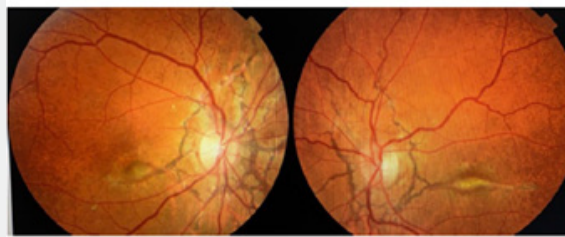


Figure 1: Retinography, bilateral anguloid Streaks with macular involvement.

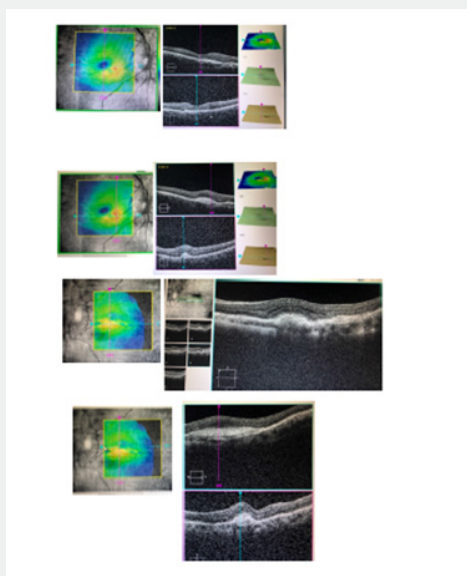


Figure 2: Macular OCT: bilateral macular involvement. Subfoveal fibrovascular scar on left eye and perifoveolar on right eye.

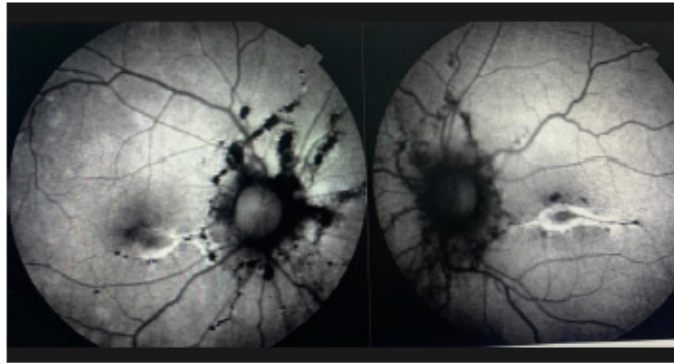


Figure 3: Autofluorescence peripapillary angioid streaks with periveolar hyper autofluorescence.

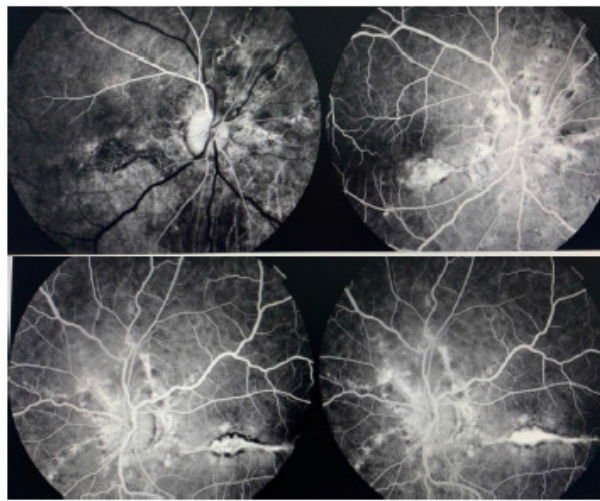


Figure 4: Fluorescein angiography angioid streaks, hyperfluorescence impregnation without diffusion.



Figure 5: Typical lesions of Pseudoxanthoma Elasticum.



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