

MACULAR TELANGIECTASIA TYPE 2: CASE REPORT

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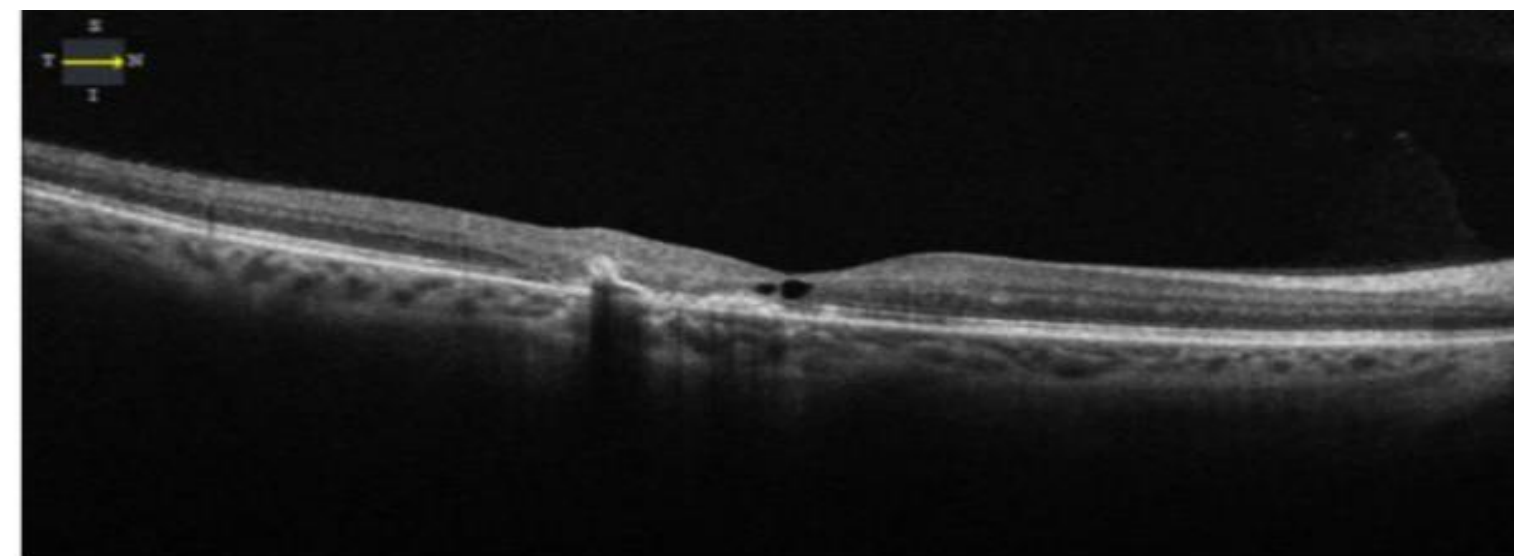
PURPOSE: Report the case of a patient with MACTEL type 2, her diagnostic findings, and guide the medical community towards early recognition of the disease, its differential diagnoses, and thus provide guidance and appropriate treatment

METHODS: Case report of type 2 macular telangiectasia

RESULTS: MCCB, female, 68 years old, diabetic and hypertensive, seeks the service complaining of long-standing progressive low visual acuity. She denied ophthalmological and family history. She reported a transient stroke in which she left a “stain” in the OD. Patient presented metamorphopsia. Upon ophthalmological examination, she presented corrected visual acuity of 20/200 (OD) and 20/30 (LE). Retinal mapping revealed a macular scar in the RE and MacTel type 2 changes in the LE. Retinography, OCT of the macula and perimetry were performed. After evaluating the exams, it was decided to apply intravitreal injections of Eylia in both eyes and phacoemulsification surgery. On examination of the fundus of the eyes, macular telangiectasia was observed with an active membrane and an area of fibrosis.

CONCLUSION: MacTel is idiopathic macular telangiectasia, characterized by structural abnormalities of the capillaries around the fovea, which is well demonstrated on fluorescein angiography, with no telangiectasia visible on retinography. On fundus examination in later stages with a change in the color of the foveal region and dilation of the venules. After the diagnosis of MNSR, the macula underwent treatment with aflibercept. The growth of the genetic study of several retinal pathologies, including MACTEL type 2, is extremely important. Since its diagnosis in the early stages is limited, a

genetic predictor can be useful for earlier recognition. The diagnosis of Mactel type 2 should be considered in all patients with macular disease.



Hyporeflective inner retinal cavity (MACTEL 2)

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