DOI: 10.5281/zenodo.12594905

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Microspherophakia and marfan syndrome

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Article Info:

Recived: 15/06/2024 Revised: 27/06/2024 Accepted: 28/06/2024 Availible online: 29/06/2024 DOI: 10.5281/zenodo.12594905

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Clinical Image

The patient was 23 years old and had a notion of 1st degree consanguinity.

His finger-count visual acuity was 1 metre in both eyes. Dilated examination of the patient's anterior segment revealed an anteriorly displaced microspherophakia on the right, as shown in figure 1, and the patient was aphakic on the left. The fundus showed a myopic staphyloma with diffuse chororetinal atrophy, the rest being normal. Examination of the retinal periphery revealed the presence of a palisade at 6 o'clock; the patient had an axial length of 28mm and 27.5mm in the right and left eyes.



Figure 1: image showing microspherophaquie in a patient with marfan syndrome