

Clinical Image

Bilateral Anterior Crystalline Lens Dislocation Reveals Homocystinuria

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We report the case of a 6-year-old patient with educational backwardness who presented to our hospital with a red, painful eye with decreased vision. Her best corrected visual acuity was 1/10 in both eyes.

Slit-lamp examination of the right eye revealed anterior crystalline lens dislocation with central corneal oedema and high ocular pressure. The left eye had the same findings.



Figure 1:



Figure 2:

A general physical examination showed hepatosplenomegaly.

The diagnosis of homocysteinuria was confirmed by a homocysteinemia assay.

A limited anterior vitrectomy and phacoaspiration were performed in both eyes.

Amblyopia treatment was started.

Homocystinuria was treated with a specific diet (low on methionine) and a prescription of vitamin B6 with betaine.