



Morning Glory Anomaly

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Morning glory anomaly is a rare congenital malformation of the optic nerve.¹

In 1970 Kindler described this anomaly as “morning glory anomaly” because of its resemblance to the morning glory flower.²

It may be part of other systemic abnormalities, especially transsphenoidal basal encephalocele, cerebrovascular anomalies, including hypoplasia of the cerebral arteries and Moya moya. It is known as morning glory syndrome.³

Visual acuity varies depending on the extent of optic nerve anomaly. Amblyopia may be a contributing factor to the poor vision in unilateral cases.

We report a case of a young patient who consults for an optical correction. The best corrected visual acuity was 10/10 in right eye and 6/10 in left eye. Examination of the ocular fundus revealed a Morning glory anomaly (Fig. 1).



Figure1. Fundus photographs shows a Morning glory anomaly

Reference

1. Cennamo, G et al. 2009. Evaluation of Morning Glory Syndrome with Spectral Optical Coherence Tomography and Echography. *Ophthalmology*. 117:6, p1269–1273
2. Lee, BJ and Traboulsi, EI. 2008. Update on the Morning Glory Disc Anomaly. *Ophthalmic Genetics* 29:2, p47-52
3. Brodsky, M.C. 2010. *Congenital Optic Disc Anomalies in Pediatric Neuro-ophthalmology*. 2nd ed. New York: Springer

