

## Bilateral Nasal Ectopia Lentis as an Isolated Disorder

A. Eladrari<sup>1\*</sup>, F. Benelkadri<sup>1</sup>, Z. Algouti<sup>1</sup>, O. Elmansouri<sup>1</sup>, H. Aitlhaj<sup>1</sup>, M. Kriet<sup>1</sup>, F. Elasri<sup>1</sup>

<sup>1</sup>Cadi Ayyad University, Ophthalmology Department, Avicenne Hospital, Marrakech, Morocco

DOI: <https://doi.org/10.36347/sjmcr.2025.v13i05.074>

| Received: 07.04.2025 | Accepted: 12.05.2025 | Published: 21.05.2025

\*Corresponding author: A. Eladrari

Cadi Ayyad University, Ophthalmology Department, Avicenne Hospital, Marrakech, Morocco

### Clinical Image

Copyright © 2025 The Author(s): This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC 4.0) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.

## INTRODUCTION

Ectopia lentis is a hereditary or acquired malposition of the crystalline lens out of the patellar fossa [1]. It may be an isolated disorder, traumatic, accompany other ocular anomalies or be associated with systemic syndromes [1].

Marfan syndrome is the most frequent cause of hereditary lens subluxation [2]. We report the case of a 10-year-old male child presented to our ophthalmology department with progressive diminution of vision in both eyes with any other medical, surgical, family and trauma history.

Ocular examination revealed visual acuity in right eye was 5/10 and left eye was 4/10 with high myopia (-5,00 diopters in right eye, -6,00 diopters in left eye).

Slit lamp biomicroscope examination of anterior segment (figure 1) revealed bilateral Superonasal ectopia lentis with microspherophakia in both eyes. Dilated funduscopy examination noted normal posterior segment without peripheral retinal detachment.

Multidisciplinary general examination, including cardiological, orthopaedic investigation, returned normal.

The child is then proposed for crystalline extraction.



Figure 1: bilateral Superonasal ectopia lentis with microspherophakia

## REFERENCES

1. Nelson LB, Maumenee IH. Ectopia lentis. *Surv Ophthalmol*. 1982 Nov-Dec;27(3):143-60.
2. Gehle P, Goergen B, Pilger D, Ruokonen P, Robinson PN, Salchow DJ. Biometric and structural ocular manifestations of Marfan syndrome. *PLoS One*. 2017;12(9):e0183370.