



Pictorial Essay *Comprehensive*

## Love-struck lens: A romantic twist in visual decline

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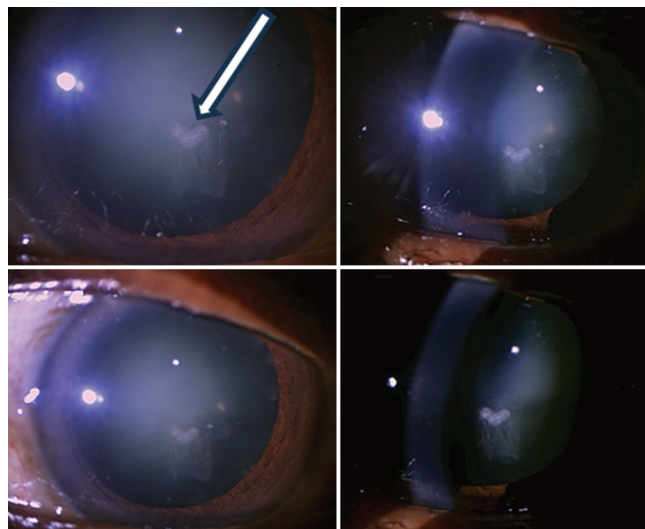
### ABSTRACT

A 54-year-old male with no systemic comorbidities presented with painless vision decline. Examination revealed age-related lens changes, notably a heart-shaped opacification in the right eye. Corrective glasses were prescribed.

**Keywords:** Cataract, Heart-shaped opacification, Lens changes

### INTRODUCTION

Cataracts are a common cause of visual impairment worldwide, particularly in the elderly population. They typically present with a gradual onset of painless vision loss and can significantly impact daily activities. While cataracts are often associated with aging and systemic comorbidities such as diabetes or hypertension.<sup>[1]</sup> They can occasionally manifest as unique and incidental findings, as observed in the case presented here.



**Figure 1:** Heart shaped opacification was noted in the right eye (denoted by a white arrow).

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## DISCUSSION

In this case, a 54-year-old male presented with painless and gradual deterioration of vision, without any known systemic comorbidities. Visual acuity assessment revealed impaired vision in both eyes, with age-related lens changes observed in the right eye. Notably, a distinct heart-shaped opacification [Figure 1] was noted in the right eye (denoted by a white arrow), representing a unique and incidental finding in this instance.

## CONCLUSION

In this case, a notable feature was the presence of a heart-shaped opacification within the lens of the right eye, which represented a unique aspect of the patient's condition. Despite this distinctive finding, the patient was managed conservatively with prescription glasses for vision correction.

### Ethical approval

The Institutional Review Board approval is not required.

### Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent.

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Nil.

### Conflicts of interest

There are no conflicts of interest.

### Use of artificial intelligence (AI)-assisted technology for manuscript preparation

The authors confirm that there was no use of artificial intelligence (AI)-assisted technology for assisting in the writing or editing of the manuscript and no images were manipulated using AI.

## REFERENCES

1. Nizami AA, Gurnani B, Gulani AC. Cataract. In: StatPearls. Treasure Island, FL: StatPearls Publishing; 2024. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK539699> [Last accessed on 2024 Feb 27].

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