

# Iron at the angle

**Ch'ng Tun Wang, Ng Hong Kee**

*Department of Ophthalmology, Hospital Raja Permaisuri Bainun, Ipoh, Perak, Malaysia*



*Fig. 1.*

## **Clinical context**

An incidental finding of a 55-years-old who man presented to eye clinic for conjunctivitis. Further assessment revealed history of ocular trauma 10 years ago while cutting grass. Vision in the right eye was 6/9; the anterior chamber was quiet with normal fundus.

## **Question 1**

Describe the findings in Figure 1.

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**Correspondence:** Ch'ng Tun Wang, Department of Ophthalmology, Hospital Raja Permaisuri Bainun, Ipoh, Perak, Malaysia.  
E-mail: [chngtw@yahoo.com](mailto:chngtw@yahoo.com)

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## Question 2

What are the potential complications of a retained intraocular metallic foreign body?

### Answer 1

A triangular shape of metallic foreign body seen at the inferior angle of the eye with localized metallic rust deposition on the adjacent endothelium.

### Answer 2

The potential complications of ocular siderosis<sup>1</sup> are the following:

- Cornea: Haziness and granular appearance of the corneal stroma with endothelium.
- Trabecular meshwork: Secondary open-angle glaucoma.
- Iris and pupil: Iris heterochromia, anisocoria, and accommodation failure.
- Lens: Focal rusty-brown nodules of subcapsular cataract and siderosis lentis.
- Retina: Degeneration of the inner retina and retinal pigment epithelium.

## References

1. Hope-Ross M, Mahon GJ, Johnston PB. Ocular Siderosis. Eye. 1993;7;419-425.