Iron at the angle

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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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**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\(^1\) 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**