

A new pattern of traumatic cataract: “The grayish brown sun”

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Clinical image:

A 9-year-old boy presented to us for progressive onset of blurred vision in his left eye over a 2-year period. His personal medical history was positive for a blunt trauma in the same eye while playing football three years ago. His best corrected visual acuity was counting fingers OS and 6/6 OD. Upon examination, extraocular movements were full, there was no relative afferent pupillary defect, and intraocular pressures were 12 mm Hg OU. There was no proptosis. Anterior segment examination showed an atypical left anterior dense subcapsular cataract with a grayish brown roundish patch and spikes spreading from his border (figure 1). He was found to have no additional ocular abnormality associated with this lesion at ocular ultrasound examination. Computed tomography scan ruled out the presence of an intraocular foreign body. The fellow eye was unremarkable. The patient underwent cataract surgery followed by management of amblyopia. To our knowledge, this is the first case reporting such pattern for traumatic cataract that may be called “The grayish brown sun”.

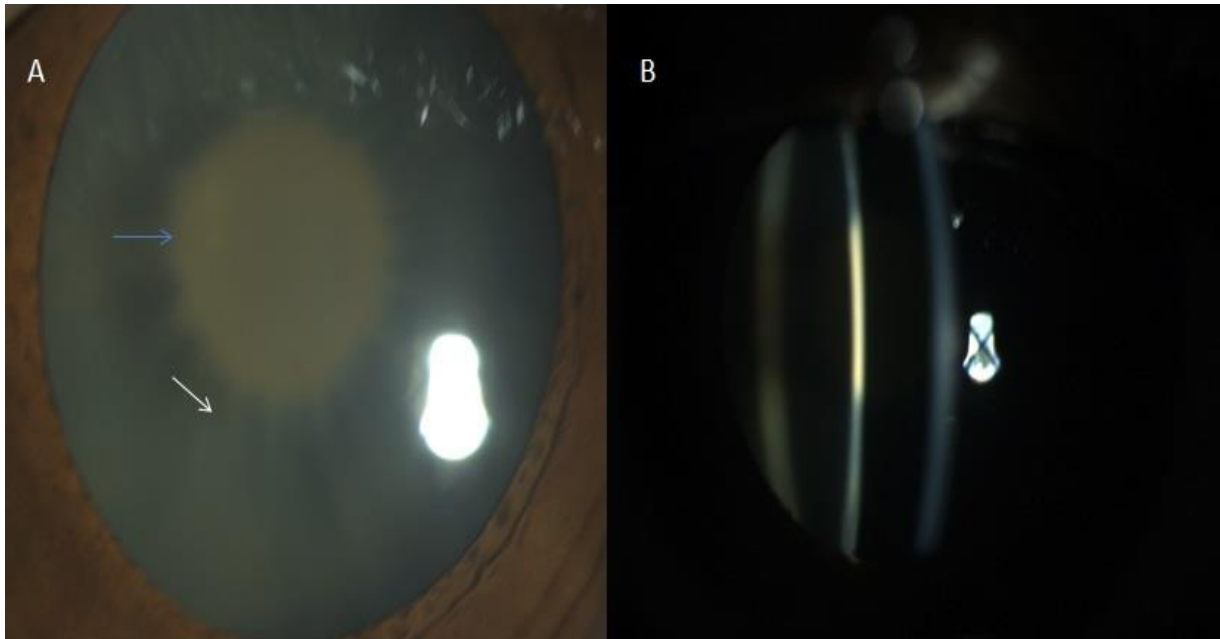


Figure 1: The slit lamp examination using diffuse illumination (magnification *16) showing anterior subcapsular cataract regarding the pupillary area with a grayish brown roundish patch (blue arrow) and spikes spreading from his border (white arrow) (A) highlighted by direct illumination with narrow slit width (B)

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