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Imaging Radiology of Abnormal Globe Contour

Sidra Gupta*

Department of Health Science and Radiology, University of Botswana, Botswana

Image Article

Rupture of the globe is an ophthalmic emergency. Any patient who has suffered an orbital trauma must have an open-globe injury or a globe that has ruptured evaluated because open-globe injuries are a major cause of blindness [1].

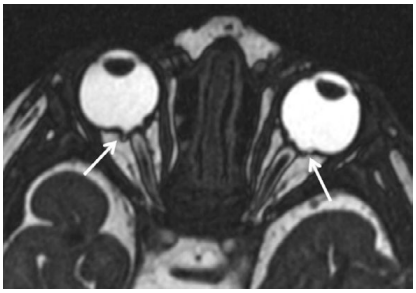

Figure 1: Abnormal globe contour.

Ruptures are most prevalent at the sclera's thinnest insertions of intraocular muscles in blunt trauma.

On routine head and neck imaging using computed tomography (CT) and magnetic resonance imaging (MRI), the orbits can be easily identified [2]. The planet's overall structure is the most obvious and can be an important source for pathology, despite the fact that the orbits contain numerous structures. The radiologist must be aware of not only the most common but also the less common etiologies because many disease processes alter globe morphology. The numerous emergent and non-emergent pathologies that can alter the globe's contour (Figure 1).

References

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***Corresponding author:** Sidra Gupta, Department of Health Science and Radiology, University of Botswana, Botswana, E-mail: gupta_s@yahoo.com

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