

Ophthalmology and Visual Sciences



White cataract from trauma

Category(ies): Cataract, Lens, Trauma Contributor: <u>J Andrew Doan, MD, PhD</u>

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During blunt trauma, a variety of forces act on the eye, including coup, contracoup, and anterior-posterior shortening and expansion. These forces can damage the lens capsule, zonules, or both, causing formation of a partial or complete contusion cataract. In some cases, trauma can cause opacification as well as lens dislocation. A perforating or penetrating injury can violate the lens capsule, often resulting in rapid cortical cataract formation at the site of rupture, followed by complete lens opacification.



Previous unilateral trauma caused this cataract resulting in light perception vision.





References:

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- 3. Tabatabael A, Kiarudi MY, Ghassemi F, et al. Evaluation of posterior lens capsule by 20-MHz ultrasound probe in traumatic cataract. Am J ophthalmol. 2012;153(1):51-4.

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