

Ophthalmic Images

Bifid Pupil Iridodialysis Secondary to Airsoft Gun Injury

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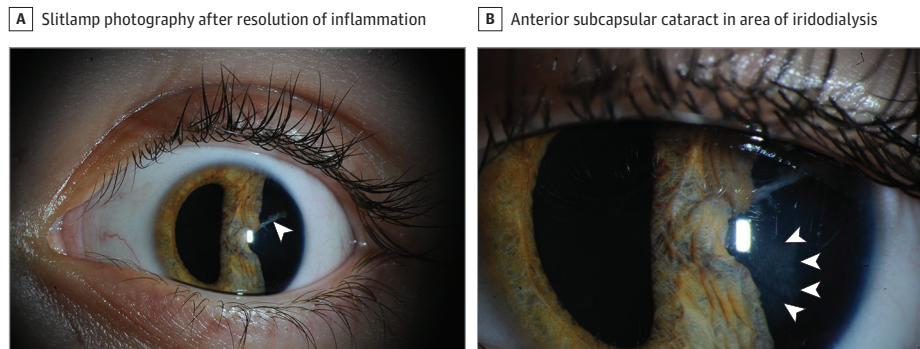


Figure. A, External slitlamp photograph of airsoft gun injury after inflammation had resolved. A vitreous strand was noted in the area of iridodialysis (arrowhead). B, The magnified photograph also shows anterior subcapsular cataract in the area of iridodialysis (arrowheads).

An 11-year-old boy presented with direct blunt trauma to the left eye due to an airsoft gun injury. The initial examination revealed retinal hemorrhages and dense anterior chamber inflammation without globe rupture; his best-corrected vision was limited to counting fingers OS. After intense every-1-hour topical corticosteroid treatment with a taper, the inflammation resolved, revealing a large

temporal iridodialysis with a nasally displaced iris, which is not a common finding in airsoft gun injuries or in patients with an intact lens capsule¹ (Figure, A). Notably, a vitreous strand escaped through the iridodialysis, traversing superiorly across the pseudopupil, which is also not a common finding.^{2,3} A zonular dehiscence from 3 to 4 o'clock and a small anterior subcapsular cataract in the iridodialysis region were also detected (Figure, B). Despite these complications, the patient retained a visual acuity of 20/25 OS.



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ARTICLE INFORMATION

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