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Subtle signs of zonular damage

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Purpose: To demonstrate subtle signs of zonular damage. **Methods:** Three patients with a history of ocular trauma and one patient with Marfan's syndrome were carefully investigated in order to predict their zonular status. **Results:** The patient with Marfan's syndrome had a decentered nucleus and the trauma patients had an iridolenticular "gap", changes in the contour of the lens periphery, and visibility of the lens equator during eccentric gaze. **Conclusion:** The surgical approach to the eye with zonular weakness has greatly improved but requires an accurate pre-operative diagnosis in order to offer the patient better results. These findings will help the surgeon for an often challenging operative procedure.

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Scientific Section Descriptions

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