A 13-year-old boy with a history of sports-related blunt trauma to the left eye was referred for evaluation of an asymptomatic, pigmented iris lesion in the left eye. On examination, his best-corrected visual acuity was 20/20 OU, and intraocular pressures were normal in both eyes. Results of slitlamp examination of the right eye were unremarkable. Slitlamp examination of the left eye revealed a round, pigmented lesion measuring 3 × 3 mm in basal dimension and with gravitational shifting within the anterior chamber fluid with patient head tilt. There was no corneal guttatae or edema. Anterior segment optical coherence tomography depicted the lesion in the anterior chamber angle abutting the corneal endothelium and resting on the iris stroma with no internal fluid level and no solid component. Ultrasound biomicroscopy confirmed the lesion to be cystic with a thickness of 1.6 mm. Dilated fundus examination revealed normal findings in both eyes.

What Would You Do Next?

1. Fine-needle aspiration biopsy with cytology and cytogenetics
2. Iodine 125 plaque radiotherapy
3. Observe with no additional testing or intervention
4. Cyst paracentesis with complete drainage