A 7-year-old girl without medical or ocular history presented with an abnormal pupillary reflex on vison screening. Examinationrevealed 20/20 vision in both eyes and an inferotemporal pigmented cyst posterior to the right iris (A, B). Differential diagnosis includedciliary-body cyst, medulloepithelioma, and lenticular anomaly. Ultrasound biomicroscopy revealed an irregular cyst at the posterior lens(C). Magnetic resonance imaging of the orbits revealed a focal 3 2-mm ovoid lesion posterior to right lens with equal signal to lens on T2imaging (D).