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PEDIATRIC RETINA & ROP

INTRAOCULAR TUMOR IN OPAQUE OCULAR MEDIA

Surgical Case Presentation Panel

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A 40 YOM presented with corneal opacity OS, Pseudophakia and an intraocular mass on US temporal to ON involving the macular area measuring 8.2 mm x 2.9 mm with high initial reflectivity and internal irregular low to medium reflectivity with no RD. The mass was present for 10 years as per the patient.

An Eckardt temporary keratoprosthesis was used to visualize the posterior segment along with IOL explantation and PPV. The findings were a preretinal mass sitting over myelinated nerve fibers. Removal of the mass could be achieved with an intact retina. A penetrating keratoplasty ws then performed. Histopathology revealed hypocellular proliferating astrocytes which were positive for S-100 and negative for SOX-10 indicating a vasoproliferative tumor.

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