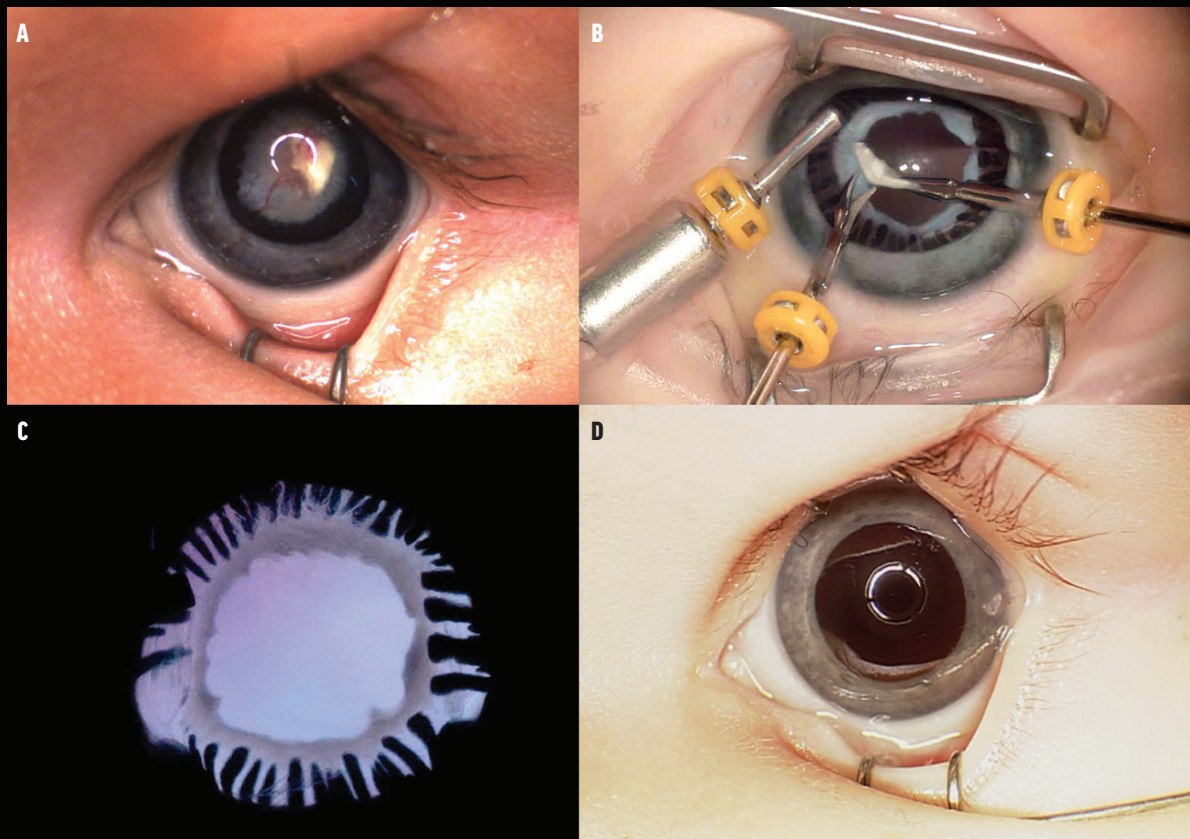




SURGICAL OPTIONS FOR PFV PLAQUE DISSECTION



A severe case of anterior persistent fetal vasculature was managed with limbus-based vitrectomy.

BY YOSHIHIRO YONEKAWA, MD

An infant boy was referred for unilateral leukocoria. Examination revealed a dense plaque on the posterior lens with elongated ciliary processes, consistent with severe anterior persistent fetal vasculature (Figure A). B-scan ultrasonography did not show any posterior lesions.

TREATMENT

A limbus-based vitrectomy was performed. An anomalous crystalline lens was aspirated, and scissors and forceps were used to dissect the plaque (Figure B). Intraoperative retroillumination beautifully showed the fibrous ring that was tethering the anterior segment (Figure C). This ring was also segmented and removed. The visual axis was nicely cleared (Figure D). ■

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If you have images you would like to share, email Manish Nagpal, MS, FRCS, FASRS | Section Editor at drmanishnagpal@yahoo.com.

Note: Photos should be 400 dpi or higher and at least 10 inches wide.