

Supplemental Online Content

Bothun ED, Repka MX, Kraker RT, et al; Pediatric Eye Disease Investigator Group. Incidence of glaucoma-related adverse events in the first 5 years after pediatric lensectomy. *JAMA Ophthalmol*. Published online February 16, 2023. doi:10.1001/jamaophthalmol.2022.6413

eTable 1. Participant Characteristics According to Primary Intraocular Lens Implantation

eTable 2. Eyes with Initial Glaucoma Surgery Performed in First Five Years following Lensectomy

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1. Participant Characteristics According to Primary Intraocular Lens Implantation

| | Aphakia N=321 Participants | | Pseudophakia N=489 Participants | |
|--------------------------------|-------------------------------|-----|------------------------------------|-----|
| | n | % | n | % |
| Sex: Female | 176 | 55% | 230 | 47% |
| Age at First Lensectomy | | | | |
| <6 weeks | 95 | 30% | 0 | 0 |
| 6 weeks to <3 months | 87 | 27% | 4 | <1% |
| 3 months to <6 months | 55 | 17% | 3 | <1% |
| 6 months to <2 years | 53 | 17% | 70 | 14% |
| 2 years to <3 years | 3 | <1% | 50 | 10% |
| 3 years to <5 years | 9 | 3% | 105 | 21% |
| 5 years to <8 years | 9 | 3% | 139 | 28% |
| 8 years to <13 years | 10 | 3% | 118 | 24% |
| Mean (SD), years | 0.89 (1.97) | | 5.65 (3.32) | |
| Median (Range), years | 0.21 (0.04 to 12.40) | | 5.32 (0.13 to 12.98) | |
| Race / Ethnicity | | | | |
| American Indian/Alaskan Native | 2 | <1% | 3 | <1% |
| Asian | 9 | 3% | 18 | 4% |
| Black/African American | 41 | 13% | 63 | 13% |
| Hispanic or Latino | 10 | 3% | 29 | 6% |
| More than one race | 14 | 4% | 18 | 4% |
| Unknown/not reported | 6 | 2% | 13 | 3% |
| White | 239 | 74% | 345 | 71% |

SD = standard deviation

eTable 2: Eyes with Initial Glaucoma Surgery Performed in First Five Years following Lensectomy

| | Aphakia N= 33 Eyes | Pseudophakia N= 3 Eyes |
|---|-------------------------------|-----------------------------------|
| Initial Glaucoma Surgery | n | n |
| Trabeculotomy | 5 | 0 |
| Trabeculectomy | 5 | 0 |
| Trabeculotomy and Trabeculectomy combined | 3 | 0 |
| Goniotomy | 4 | 0 |
| Drainage Device | 8 | 2 |
| Endocyclophotocoagulation | 1 | 1 |
| Drainage Device and Endocyclophotocoagulation | 1 | 0 |
| Peripheral Iridectomy with Anterior Vitrectomy | 1 | 0 |
| Selective Laser Trabeculoplasty | 1 | 0 |
| Unknown | 4 | 0 |
| Months between Lensectomy and Initial Glaucoma Surgery | n (%) | n (%) |
| <3 months | 9 (27%) | 0 |
| 3 months to <6 months | 6 (18%) | 0 |
| 6 months to < 3 years | 11 (33%) | 1 (33%) |
| >= 3 years | 7 (21%) | 2 (67%) |
| Median months (Range) | 7.1 (0.9, 57.9) | 37.9 (8.6, 47.9) |
| Age at Time of Lensectomy | n (%) | n (%) |
| <3 months | 29 (88%) | 1 (33%) |
| 3 to <6 months | 2 (6%) | 0 |
| ≥6 months | 2 (6%) | 2 (67%) |
| Median months (Range) | 0.1 (0.1, 5.8) | 4.3 (0.2, 11.6) |
| Glaucoma Medications Being Used after Glaucoma Surgery | n (%) | n (%) |
| Yes | 22 (67%) | 2 |
| No | 7 (21%) | 1 |
| Unknown | 4 (12%) | 0 |