

12 MONTH RESULTS

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- Twenty three patients (23 eyes) were enrolled in the study.
- Mean IOP reduced from 18.8 ± 5.63 mm Hg preoperatively to 14.73 ± 2.97 (n=11) at 12 months postoperatively. Follow-up data beyond 6 months postoperative was only available for half of the total number of patients who underwent ABiC.
- The mean number of medications was reduced from 1.69 preoperatively to 0.21 at the last follow-up visit.
- There was one reported complication of limited descemetolysis near the limbus by the viscoelastic during the dilatation of Schlemm's canal. No adverse events as a result of the device were reported.

TABLE 1: MEAN IOP REDUCTION

| Exam | n | Mean IOP (mm Hg) \pm SD |
|-----------|----|---------------------------|
| Baseline | 23 | 18.8 \pm 5.63 |
| 1 Month | 22 | 14.9 \pm 2.90 |
| 3 Months | 19 | 13.82 \pm 2.98 |
| 6 Months | 13 | 14.69 \pm 2.36 |
| 9 Months | 11 | 16.0 \pm 2.09 |
| 12 Months | 11 | 14.73 \pm 2.97 |

- Preoperatively, mean IOP (all eyes) was 18.8 ± 5.63 mm Hg preoperatively.
- Mean IOP at 1, 3, 6, 9 and 12 months was 14.9 ± 2.90 mm Hg (n=22), 13.82 ± 2.98 (n=19), 14.69 ± 2.36 mm Hg (n=13), 16.0 ± 2.09 (n=11), 14.73 ± 2.97 (n=11) (Table 1). These data correspond to reductions in IOP of 20.74%, 26.49%, 21.86%, 14.89%, and 21.65% at 1, 3, 6, 9 and 12 months postoperative.

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- Preoperatively, all patients required at least once medication, with 5/23 (22%) patients requiring three medications to control their IOP.
- At the last follow-up visit only 4/23 (17%) of patients still required anti-glaucoma medication (one medication in three patients, two medications in one patient), versus 100% of patients preoperatively.

TABLE 2: REDUCTION IN MEDICATION USE

| Eye | Preoperative Medication (n) | Postoperative Medication (n) |
|-----|-----------------------------|------------------------------|
| 1 | 1 | 0 |
| 2 | 1 | 0 |
| 3 | 3 | 1 |
| 4 | 2 | 0 |
| 5 | 3 | 0 |
| 6 | 1 | 0 |
| 7 | 1 | 0 |
| 8 | 2 | 0 |
| 9 | 1 | 0 |
| 10 | 3 | 0 |
| 11 | 2 | 0 |
| 12 | 3 | 0 |
| 13 | 1 | 0 |
| 14 | 1 | 1 |
| 15 | 1 | 0 |
| 16 | 1 | 0 |
| 17 | 1 | 1 |
| 18 | 1 | 0 |
| 19 | 2 | 0 |
| 20 | 3 | 0 |
| 21 | 1 | 0 |
| 22 | 2 | 0 |

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