| TIME | IOP (mmHg) ACCORDING TO SEX AND GLAUCOMA MODEL |
|------|-----------------------------------------------|
|      | EPIm |     | Male | Female | Male | Female | p     | Male | Female | p     |
| BASELINE | 11.31 ± 1.18 | 10.76 ± 1.18 | 0.304 | 9.77 ± 1.71 | 10.12 ± 0.88 | 0.251 |
| 1w | 21.99 ± 4.55 | 22.79 ± 3.76 | 0.411 | 13.55 ± 4.30 | 14.22 ± 2.26 | 0.173 |
| 2w | 23.13 ± 3.64 | 22.25 ± 3.11 | 0.861 | 15.00 ± 3.42 | 15.16 ± 3.58 | 0.811 |
| 3w | 22.97 ± 4.30 | 21.79 ± 3.75 | 0.464 | 17.77 ± 3.96 | 16.93 ± 3.89 | 0.684 |
| 4w | 24.19 ± 3.68 | 24.10 ± 2.81 | 0.726 | 17.00 ± 4.03 | 16.58 ± 3.02 | 0.932 |
| 5w | 24.60 ± 2.40 | 19.86 ± 8.13 | 0.054 | 18.44 ± 4.12 | 16.95 ± 4.76 | 0.183 |
| 6w | 27.38 ± 2.79 | 26.75 ± 3.35 | 0.661 | 18.07 ± 5.67 | 19.37 ± 4.59 | 0.426 |
| 7w | 27.79 ± 5.31 | 29.10 ± 8.22 | 0.974 | 15.77 ± 2.68 | 14.91 ± 3.29 | 0.534 |
| 8w | 29.26 ± 7.76 | 29.10 ± 7.82 | 0.897 | 18.66 ± 3.41 | 16.97 ± 3.61 | 0.257 |
| 9w | 30.16 ± 5.49 | 23.15 ± 5.19 | 0.019 | 16.95 ± 4.97 | 16.38 ± 3.56 | 0.737 |
| 10w | 27.00 ± 4.60 | 20.71 ± 2.70 | 0.003 | 18.38 ± 5.40 | 15.63 ± 3.12 | 0.213 |
| 11w | 20.00 ± 5.36 | 18.85 ± 5.14 | 0.620 | 18.28 ± 3.50 | 17.80 ± 2.92 | 0.641 |
| 12w | 19.60 ± 3.20 | 18.92 ± 3.12 | 0.576 | 22.19 ± 5.48 | 20.36 ± 3.56 | 0.962 |
| 13w | 18.26 ± 3.11 | 17.72 ± 3.33 | 0.610 | 17.53 ± 2.53 | 17.99 ± 3.09 | 0.870 |
| 14w | 20.13 ± 2.02 | 16.87 ± 3.90 | 0.126 | 21.19 ± 1.96 | 19.66 ± 3.56 | 0.366 |
| 15w | 20.26 ± 4.36 | 16.57 ± 4.17 | 0.126 | 21.73 ± 3.87 | 18.52 ± 5.08 | 0.465 |
| 16w | 22.39 ± 2.52 | 17.06 ± 3.73 | 0.008 | 23.13 ± 2.82 | 17.85 ± 3.99 | 0.021 |
| 17w | 18.86 ± 2.39 | 17.93 ± 2.18 | 0.533 | 19.93 ± 1.90 | 17.47 ± 3.51 | 0.120 |
| 18w | 17.66 ± 2.77 | 16.54 ± 2.94 | 0.460 | 18.86 ± 2.41 | 17.38 ± 2.54 | 0.324 |
| 19w | 17.99 ± 1.90 | 15.62 ± 3.154 | 0.234 | 25.16 ± 3.53 | 23.74 ± 3.42 | 0.813 |
| 20w | 18.33 ± 1.18 | 15.33 ± 2.90 | 0.050 | 21.99 ± 6.12 | 21.91 ± 3.34 | 0.999 |
| 21w | 20.49 ± 4.39 | 15.66 ± 2.93 | 0.088 | 25.33 ± 4.7 | 22.99 ± 1.56 | 0.065 |
| 22w | 22.33 ± 1.51 | 18.74 ± 4.32 | 0.042 | 20.66 ± 3.30 | 16.41 ± 3.98 | 0.352 |
| 23w | 19.83 ± 1.83 | 17.20 ± 3.69 | 0.174 | 30.16 ± 4.47 | 23.08 ± 3.03 | 0.065 |
| 24w | 22.16 ± 5.50 | 22.16 ± 3.77 | 0.999 | 28.16 ± 0.23 | 20.66 ± 2.01 | 0.065 |

Supplementary Table S1: Intraocular pressure measurements according to sex in both glaucoma models over 24 weeks of follow-up. IOP: intraocular pressure; EPIm: episcleral sclerosis model; Ms20/10: microsphere 20/10 model; w: week; p < 0.05: statistical significance.