Evidence Table 5. KQ 1 medical outcomes

| **Study** | **Comparators** | **Visual Acuity at baseline** | **Visual Acuity at**  **Follow-up/timepoint** | **Comments** |
| --- | --- | --- | --- | --- |
| Berson  198525 | Levobunolol 0.5%  Levobunolol 1%  Timolol 0.5% | Not reported | Not reported | 57 patients similarly distributed among the groups, had reduction on 2 lines on VA at some point of the study, but it was transient and was considered unrelated to study treatments. |
| Chiselita 200526 | Latanoprost  Travoprost  Dorzolamide/Timolol | VA 0.89 ±0.19 (mean±SD) | VA 0.90 ± 0.20(mean±SD) | Results for all population. Time not specified (Follow up 3months each phase) |
| Flammer  199239 | Carteolol  Timolol 0.5% | Mean ±SD  VA 1.01 ± 0.1  VA 1.04 ± 0.1 | VA 0.00 ± 0.0  VA 0.00 ± 0.1  At 12 months | NA |
| Marcon  199059 | Betaxolol 0.5%  Levobunolol | Not reported | Not reported | VA unchanged during the study |
| Prata 200969 | Timolol 0.5%  Brimonidine  Travoprost | BCVA logMAR score 0.18 / VAS 6.8  BCVA logMAR score 0.27 / VAS 6.5  BCVA logMAR score 0.24 / VAS 7.4 | BCVA logMAR -0.03/ VAS 0.23  BCVA logMAR -0.04/ VAS 0.78  BCVA logMAR -0.04/ VAS 0.68  At 4 weeks | No correlation between IOP reduction and changes in visual function between the 3 medications |
| Ravalico 199474 | Levobunolol 0.5%  Untreated | Not reported | VA unchanged during study | Visual acuity inclusion  criteria 20/20. Claims “no variation” in visual acuity |
| Schuman 199782 | Brimonidine  Timolol 0.5% | Not reported | Loss of 2 lines or more VA (5.9%)  Loss of 2 lines or more VA (9.5%)  At 12 months | Changes in VA assumed to be due to cataract formation |
| Tuulonen  198993 | Laser  Medical treatment | Not reported | Not reported | Visual acuity was measured at baseline and at 1 year. No values have been provided but it has been reported that there were no significant differences between the two groups |
| Yamamoto  199695 | Timolol 0.5%  Carteolol 1%  Carteolol 2% | Not reported | Not reported | Visual acuity was measured at baseline and at 16 weeks.  No values have been provided but it has been reported that no changes were seen. |