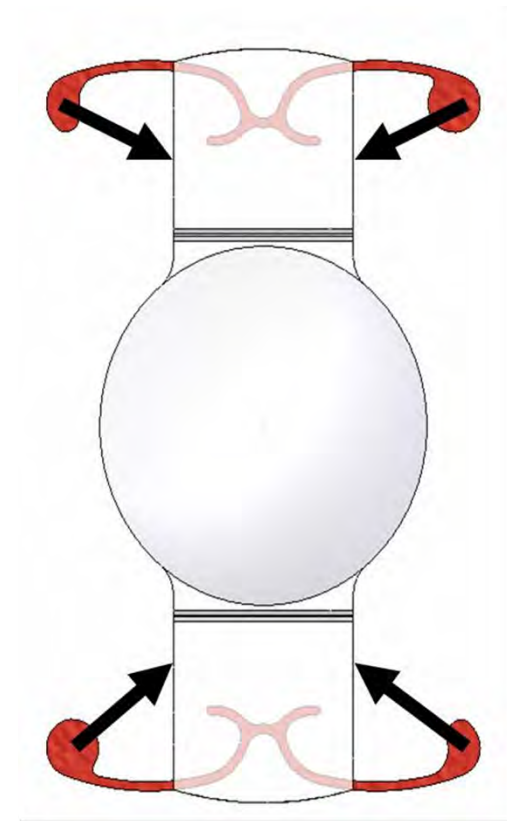


Crystalens HD European experience



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Surgical technique



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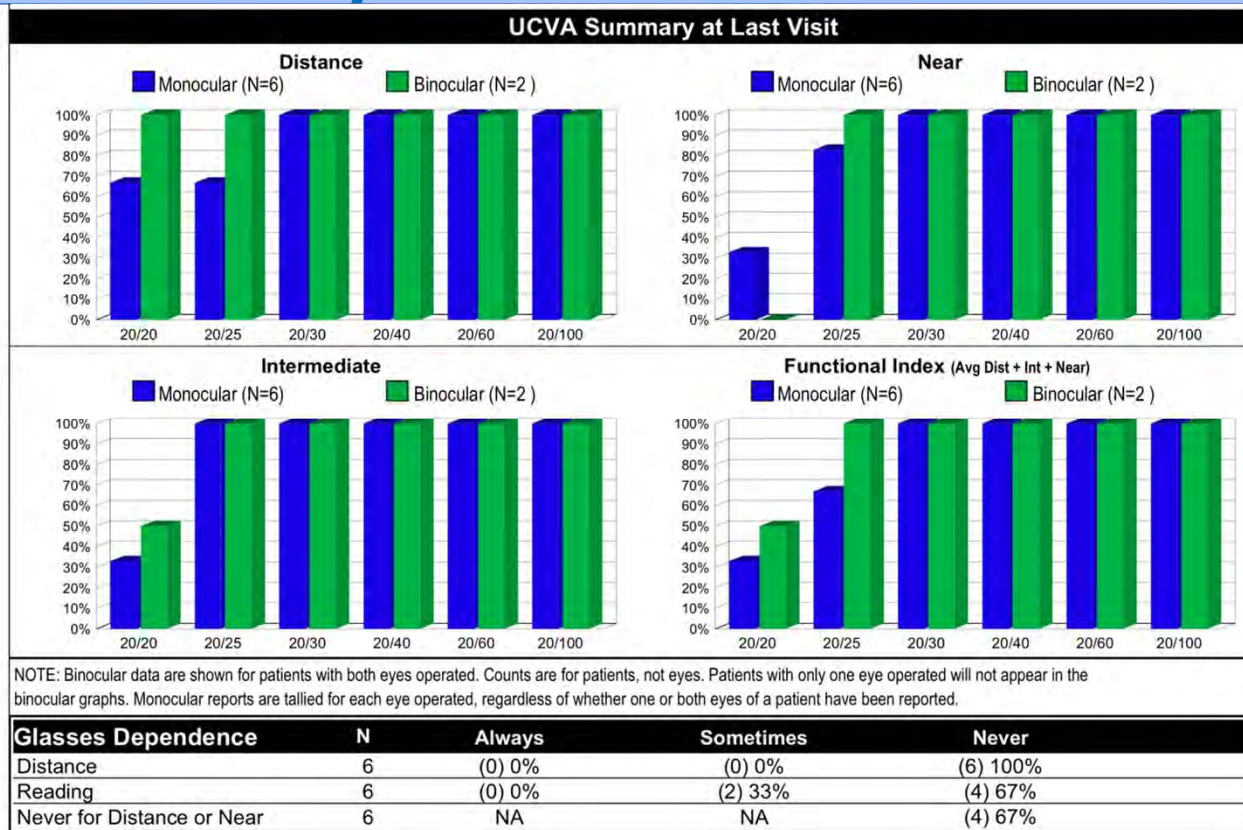
- **Methods:** Thirty-five eyes were evaluated for age, sex, near, intermediate and distance UCVA, BSCVA, IOP, refraction, cylinder and possible complications peri-operative of clear cornea phaco and Crystalens HD implantation. The follow-up time was 24 to 43 months (36.5).
- **Results:** There were 19 patients: 11 women and 7 men included in the analysis. The mean age was 54.5. The mean axial length was 24.8 (22.8-26.5). The mean UCDVA improved from 20/800 to 20/23, with the mean BSCDVA improving from 20/100 to 20/35. The mean UCIVA improved from 20/200 to 20/20. The mean UCNVA improved from 20/100 to 20/30. Contrast sensitivity: demonstrated a 45% improvement. The mean refractive error improved to -0.35 Diopters (-0.75 to +0.25). IOP 17.5 to 14.5, ECC 2259 to 1950. 14 eyes underwent uneventful YAG capsulotomy at a mean 14 months post-op (2 to 41). There were no complications observed in this small group.



Results: 3 year

35 Crystalens 5-0 cases

42 Crystalens HD cases



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Conclusions:

- Cataract extraction and Crystalens HD implantation appears to be effective in excellent distance, but additionally excellent intermediate and good near visual rehabilitation with spectacle-free results in over 75% of patients in long term follow-up.

