

# Study Spotlight: ZEISS CT LUCIA 621P delivers high patient satisfaction



Seeing beyond

Study shows high satisfaction of cataract patients implanted with ZEISS CT LUCIA 621P including low visual phenomena

## Source



**Title**  
Preliminary Evaluation of Clinical and Non-Clinical Outcome Metrics in Patient Satisfaction After Implantation of a Non-Constant Aberration Correcting Monofocal IOL



**Authors**  
Steven C Schallhorn, David Teenan, Jan A Venter, Julie M Schallhorn, Stephen J Hannan



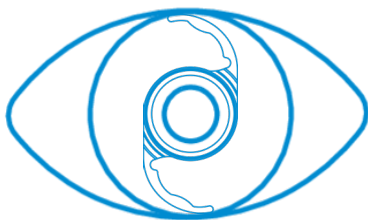
**Publication**  
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## Methodology

### CT LUCIA 621P

- Retrospective study, postoperative patient satisfaction questionnaire, bilateral implantation, preoperative corneal astigmatism  $\leq 1.50$  D
- Data extracted from the electronic medical record of Optical Express, UK
- Postoperative examination was conducted up to 6-months after surgery
- Key findings were e.g., UDVA, CDVA, PCO, clinical and non-clinical variables impacting satisfaction (e.g. patient’s age, UDVA), slit lamp examination, IOL glare, halo, starburst, ghosting/double vision

### Sample Size



**194 eyes of 97 patients**  
follow-up 1 to 6 month

## Results

The clinical trial demonstrates “high patient satisfaction and visual performance” with ZEISS CT LUCIA 621P postoperatively after 6 months:

### Visual Acuity Outcomes

85.6% of patients achieved mean corrected distance visual acuity (CDVA) of 20/20 or better.

### Patient satisfaction rates

94.8% reported being satisfied to very satisfied with their vision.  
97.9% reported that they would have the surgery again and 99.0% would recommend the surgery to their friends and relatives.

### Visual Phenomena

The study showed low visual phenomena difficulty at any visit during the 6 month follow up. 72.2% of patients reported having no difficulty with glare; 89.7% with halo; 85.6% with starburst; and 89.7% with ghosting/double vision.

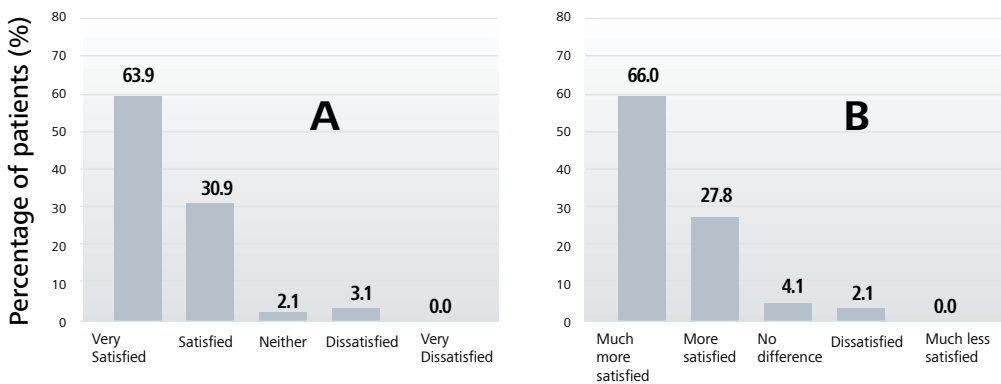


Figure 1. Postoperative satisfaction comparison with vision without glasses after surgery (A), and with glasses before surgery (B), n = 97 patients.

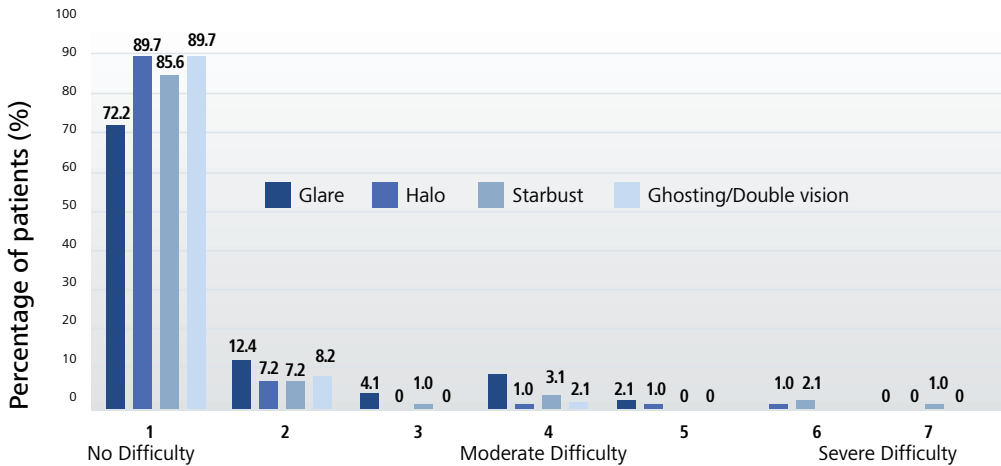


Figure 2. Postoperative difficulty with visual phenomena, n = 97 patients.