

# Study Spotlight: Clinical Outcomes and Patient Satisfaction with CT LUCIA® 621P



Seeing beyond

Excellent visual and optical performance with very good refractive outcomes.

## Source



### Title

Clinical Outcomes of a Monofocal, Optimized, Aspheric, Hydrophobic Acrylic Intraocular Lens Implant



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### Publication

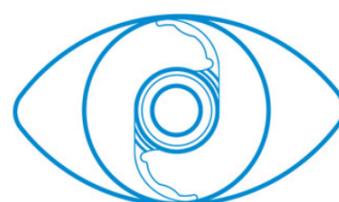
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## Methodology

### Study Site Workflow

- **Patient selection**  
Age  $\geq 50$ , astigmatism  $\leq 1.00$  D  
No irregular astigmatism, refractive surgery, or vision/lens stability issues
- **IOL calculation**  
IOLMaster 700, Barret Formula
- **Standard cataract surgery**  
using phacoemulsification

### Sample Size



45 patients - 55 eyes  
3 months follow up

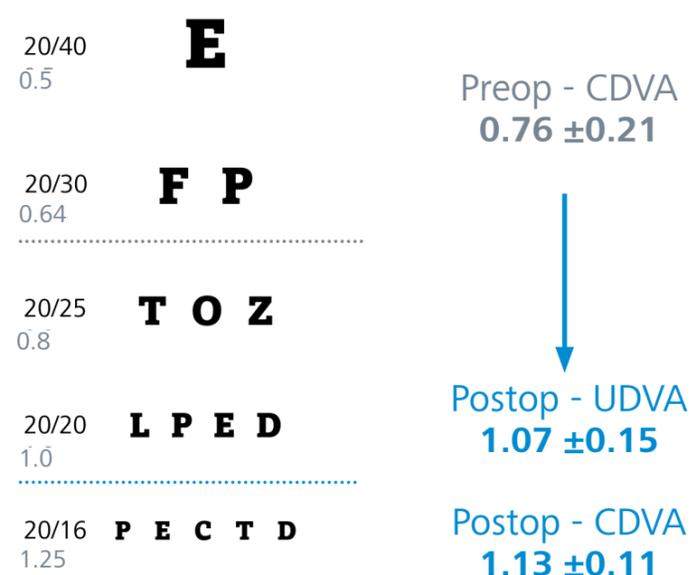
### Main Evaluation Criteria

- **Predictability**
- **Distance Visual Acuity (DVA)**  
Corrected and uncorrected
- **Contrast Sensitivity**
- **Patient Satisfaction**

## Results

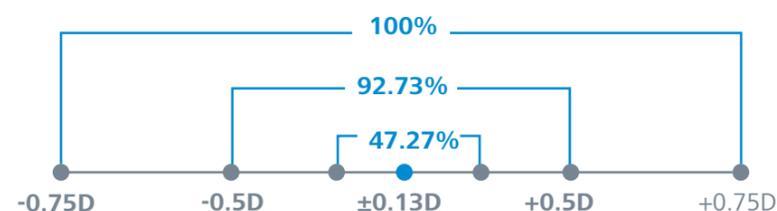
### Improvement of Visual Acuity (Decimal)

0.37 improvement of CDVA  
94.55% of patients reached 20/20 or better



### Predictability

Mean spherical equivalent of  $-0.03 \pm 0.30$  D



### Patient Satisfaction

100% satisfaction with current vision

### Contrast Sensitivity

Contrast sensitivity in photopic and mesopic conditions was good and similar for all special frequencies