

**American Academy of Ophthalmology (AAO), November 8-11, 2008
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PO513 LASIK Results in High Astigmatism Cases With the Solid State Laser

Purpose: To assess the predictability and efficacy of the CustomVis Solid State Laser system for high astigmatism. **Method:** Fifty eyes having astigmatism of -3.00 D or above were treated. Average postoperative follow-up was 13 weeks. Average preoperative cylinder was -4.5 D. Preoperative UCVA was from 20/60 to 20/400. **Results:** Seventy-five percent of cases had UCVA of 20/25 or better, and all cases (100%) had UCVA of 20/30 or better. On vector analysis, average percentage vector change was 93%, suggesting little undercorrection. Error in vector angle averaged 2 degrees. **Conclusion:** Astigmatism corrections were predictable and effective with the solid state laser. Nomogram adjustments will provide even better outcomes.

Presenter attended times Monday Nov 10, 11:00 AM **To:** 12:30 PM

Viewable as Part of Poster Session 2: Monday (9AM - 5PM) **To:** Tuesday (9AM - 3PM)

Location: Georgia World Congress Center

Room: Level 1, Hall B-5

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* The presenter has a financial interest.

No asterisk indicates that the presenter has no financial interest.

** The presenter has not submitted financial interest disclosure information as of publication date.