

RECENT CLINICAL RESULTS

IntraLase® versus Hansatome®

IntraLase® marketing makes many claims about the benefits of its technology, including increased safety and better results. Those claims have not been supported by published scientific data. Although Dr. Furlong follows all new ophthalmologic developments carefully, he replaces safe, proven technology only when the replacement offers clear advantages to his patients.

Below is some recent data presented at the April 2005 American Society of Cataract & Refractive Surgery Symposium. In an independent study of over 400 Custom LASIK procedures comparing Intralase with a microkeratome, the conclusion stated, “there was no statistically significant difference between both procedures in terms of clinical outcomes” [for myopia: >96% obtained 20/20 or better and 100% obtained 20/40 or better].⁽¹⁾

	IntraLase ⁽²⁾	Hansatome ⁽³⁾
Intra-operative complications:		
Eye-tracking problems	11%	0.25%
Temporary flap issues	0%	0.1%
Post-operative complications:		
Corneal/mild flap edema (swelling)	23%	see note ⁽⁴⁾
Inflammation (DLK)	19%	4.5%
Peripheral epithelial ingrowth	23%	0.05%
Transient Light Sensitivity Syndrome	0.78%	0%
Additional costs	\$600—\$1,000 / patient	none

(1) ASCRS April 2005 Symposium: Comparison of Custom LASIK outcomes with Femtosecond and conventional microkeratome. Regina Chalita, Marcelo V. Netto, Pankaj Gupta, William Dupps Jr, Steven E. Wilson, Ronald R. Krueger; The Cole Eye Institute, Cleveland Clinic Foundation, Cleveland OH: et al.

(2) ASCRS April 2005 Symposium: Femtosecond Laser: myths and truths. Analysis of our first 400 cases. Pankaj Gupta, Marcelo V. Netto, William Dupps Jr, Regina Chalita, Ronald R Krueger, Steven E. Wilson; The Cole Eye Institute, Cleveland Clinic Foundation, Cleveland OH: et al.

(3) Results for 1,968 LASIK procedures performed by Dr. Michael Furlong at Furlong Vision Correction between May 2004 and April 2005, using the Hansatome microkeratome.

(4) Note: Furlong Vision Correction reported 0.25%, however, it could not be confirmed if the methodologies for this complication between the two studies were the same.