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Author:	Lim Taehyung, MD
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Title:	Clinical Outcomes of LASIK Using a 213 nm Solid-State Laser System: 3-Month Follow-up
Contributing Authors:	Taehyung, Lim; Park, Hye Young; Kim, Myoung Joon; Chul Young, Choi; Tchah, Hungwon
Purpose:	To present our prospective clinical results of laser assisted in situ keratomileusis (LASIK) using a solid-state laser system for the correction of mild to moderate myopia with or without astigmatism. : 3 months follow-up.
Methods:	Twenty nine eyes underwent LASIK using 213-nm solid- state laser (Pulzar Z1,CustomVis). Uncorrected visual acuity(UCVA), Best corrected visual acuity(BCVA), refractive errors, higher order aberrations(HOA) and contrast sensitivity were evaluated preoperatively and postoperatively.
Results:	The preoperative and postoperative mean spherical and cylindrical refractive errors were $-3.7D\pm1.3$ , $+0.09D\pm0.7$ , $-0.2D\pm0.7$ , $+0.1D\pm0.2$ , respectively. A result within 1.00 D of the desired correction was achieved in 93% of eyes. UCVA over 20/25 was obtained in 24 eyes. There was no decrease of BCVA in the study group. The preoperative and postoperative root-mean-square of HOA at 3 months were $0.196\pm0.092$ um, $0.261+;0.107$ um respectively. The preoperative and postoperative contrast sensitivity values were similar.
Conclusion:	The clinical outcomes of LASIK using a solid-state laser system were comparable to the conventional refractive surgery in mild to moderate myopia. The 213nm solid state laser may be an alternative option for refractive surgery.