

Table 3. Visual Outcome of LASIK.

| First author | NNumber of eyes | Follow-up (mo) | Mean refraction | | Within \pm 1D | Postop UCVA (%) | | Loss of two or more lines (%) |
|-----------------------------|-----------------|----------------|------------------|------------------|-----------------|-----------------|---------|-------------------------------|
| | | | Preoperative | Postoperative | | > 20/40 | > 20/20 | |
| Our results | | | | | | | | |
| Myopic LASIK | 424 | 20 | -10.36 | | 80.9 | 94.6 | 65.1 | 1.4 |
| Toric LASIK | 130 | 20 | -9.74 | | 90.8 | 88.5 | 58.5 | 1.5 |
| Buratto ¹⁰ | 30 | | -17.9 \pm 3.3 | -2.1 \pm 1.4 | 80.0 | 0 | 0 | |
| Buratto ¹¹ | 150 | 24 | -18.96 \pm 3.7 | -2.32 \pm 2.36 | 85.3 | 0 | 0 | 8.0 |
| Buratto ¹² | 30 | 12 | -17.9 | -2.3 \pm 1.5 | 57.0 | 10.0 | 0 | 3.3 |
| Pallikaris ¹³ | 10 | 12 | -16.61 | -5.65 | 66.6 | | | |
| Brint ¹⁴ | 47 | 6 | -10.7 | -0.63 | | 65.9 | 34.1 | 21.3 |
| Bas ¹⁵ | 97 | 3 | -10.75 | | 46.5 | 49.9 | | 13.4 |
| Fiander ⁹ | 124 | 3/11 | -7.65 | +0.27 | 70.0 | 81.0 | 50.0 | |
| Kremer ¹⁶ | 5 | 12 | -21 | -1.5 | | | | 20.0 |
| Slade ¹⁷ | 57 | 6 | -6 to -19 | | 47.8 | 66.0 | | 6.4 |
| Kremer ¹⁸ | 31 | 6 | -6.25 | -0.5 | 74.2 | 81.0 | | 0 |
| Salah ¹⁹ | 59 | 2 | -9.36 | -0.87 | 73.0 | 76.0 | 44.0 | 10.0 |
| Guell ²⁰ | 21 | 6 | -9.3 | -0.8 | 85.0 | 71.4 | 0 | 0 |
| Helmy ⁷ | 40 | 12 | -7.3 | | 41.0 | 45.0 | 0 | |
| Marinho ⁶ | 34 | 6 | -14.18 | -0.81 | 85.7 | 75.0 | 17.5 | |
| Salah ⁸ | 88 | 5.2 | -8.24 | +0.22 | 67.6 | | | 8.82 |
| Kim ² | 18 | 6 | -16.4 | +0.14 | 72.0 | 71.0 | 36.0 | 3.6 |
| Knorz ²¹ | 51 | 6 | -14.8 | -1.9 | 47.0 | 29.2 | 7.8 | 12.0 |
| Arenas ²² | 4 | 7 | -11.18 | -2.37 | | 0 | 0 | |
| Condon ⁵ | 51 | 15.8 | -8 to -37 | | | | | |
| Pallikaris ²³ | 21 | 12 | -11.53 | -1.5 | | | | |
| Pallikaris ²³ | 18 | 12 | -18.14 | -5.38 | | | | |
| Perez Santonja ³ | 143 | 6 | -13.2 | +0.18 \pm 1.6 | 60.0 | | | |
| ISRS 1996 abstract | 3995 | | -8.5 | +2.17 | 84 | 89 | 36 | 2 |
| ASCRS 1997 abstract | 5412 | | -9 | +0.34 | 90.9 | 83.3 | 90 | 0.9 |
| ARVO 1997 abstract | 1990 | | -8.37 | -0.36 | 67.4 | 71 | 50.2 | |

one line, and 1.4% of eyes decreased two or more lines of BCVA (Fig. 3). In its stability, spherical equivalent change post-myopic LASIK showed that very mild myopic regression occurred with an average of -0.38 diopter within 1 month and thereafter revealed good stability (Fig. 4).^{26,27} In vision recovery time, the best far VA (0.68 ± 1.30 weeks) was faster than the best near VA (1.20 ± 1.49 weeks) and best night VA (2.19 ± 1.79 weeks) in recovery. As to patient's feelings about the vision results, patients accounting for 95.5%

of eyes were satisfied or accepted the surgical results (Fig. 5). In dissatisfied patients, the manifestations of visual problems in order were decreased light contrast sensitivity, poor night vision, glare vision, halo visions, and decreased best corrected visual acuity.

The problems of myopic LASIK most concerning to us were surgery related including intraoperative, early postoperative, and late postoperative complications (Table 2).^{28,29} The most common intraoperative complications were inadequate suction pressure, free