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| **Mean pre- and postoperative corrected distance visual acuity in myopic eyes** |
| Study | Publication | Eyes (count) | Mean pre-op CDVA (decimal) | Mean post-op CDVA (decimal) | Fu-time (year) |
| Benedetti et al. | 2007 | 49 | 0.80±0.20 | 0.86±0.20 | n.s. |
| Bohac et al. | 2017 | 166 | 0.67 ±0.20 | 0.77 ±0.18 | 3 |
| Budo et al. | 2000 | 249 | 0.67±0.26 | 0.88± 0,19 | 2 |
| 249 | 0.67±0.26 | 0.87±0.20 | 3 |
| Chebli et al. | 2018 | 113 | 0.18±0.18 logM | 0.064±0.096 logM | last visit (range 1-10 years) |
| Landesz et al. | 2000 | 67 | 20/40 | 20/32 | n.s. |
| Landesz et al. | 2001 | 10 | 20/32 | 20/25 | n.s. |
| Senthil et al. | 2006 | 60 | 20/39 | 20/32 | n.s. |
| Tahzib et al. | 2007 | 89 | 0.16±0.23 logM | 0.12±0.21 logM | 10 |
| Titiyal, et al. | 2012 | 85 | 6/10 | 6/7 | last visit (range 1-5 years) |
| Yuan et al. | 2012 | 84 | 0.68±0.12 | 0.96±0.10 | 2 |
| 84 | 0.68±0.12 | 0.96±0.08 | 3 |
| 84 | 0.68±0.12 | 0.96±0.04 | 4 |
| 84 | 0.68±0.12 | 0.95±0.08 | 5 |
| CDVA=corrected distance visual acuity; FU-time=follow-up time; pre-op=pre-operative; post-op=postoperative; logM=logaritic angle of minimum resolution; n.s.= not specified |

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| **Mean pre- and postoperative corrected distance visual acuity in hyperopic eyes** |
| Study | Publication | Eyes (count) | Mean pre-op CDVA (decimal) | Mean post-op CDVA (decimal) | Fu-time (year) |
| Saxena et al. | 2003 | 10 | 0.86±0.59 | 0.75±0.52 | 3 |
| CDVA=corrected distance visual acuity; FU-time=follow-up time; pre-op=pre-operative; post-op=postoperative |

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| **Uncorrected distance visual acuity of myopic eyes (cumulative percentage of eyes)** |
| Study | Publication | Eyes (count) | FU-time (year) | ≥20/40 (%) | ≥ 20/30 (%) |  ≥ 20/25 (%) | ≥20/20 (%) | 20/15 (%) | Notes |
| Bouheraoua et al. | 2015 | 68 | 3 | 79.4 | -  | - | 4.4 | - |  |
| 68 | 5 | 82.3 | 65.5 | 23.5 | 5.9 | - |  |
| Budo et al. | 2000 | 249 | 3 | 76.8 | - | - | 33.7 | - |  |
| Landesz et al. | 2000 | 67 | -  | 40.9 | 33.3 | 15.2 | 12.1 |  |  |
| Moshirfar et al. | 2007 | 85 | 2 | 84 | - | 34 | - | - |  |
| Qasem et al. | 2010 | 68 | 2 | 85\* | 65\* | - | 29\* | - | \*data from graph, numbers are estimated 17.9% ACRS |
| 30 | 3 | 72\* | 60\* | - | 18\* | - | \*data from graph, numbers are estimated 17.9% ACRS |
| 16 | 4 | 57\* | 32\* | - | 7\* | - | \*data from graph, numbers are estimated 17.9% ACRS |
| 11 | 5 | 45\* | 37\* | - | 9\* | - | \*data from graph, numbers are estimated 17.9% ACRS |
| Shajari et al. | 2016 | 95 | 4 | 92\* | - | 76 | 53\* | - | \*data from graph, numbers are estimated  |
| Silva et al. | 2008 | 20 | 3 | 85 | 85\* | 77\* | 60 | - | \*data from graph, numbers are estimated  |
| 19 | 5 | 94.7 | 90\* | 74\* | 73.7 | - | \*data from graph, numbers are estimated  |
| Stulting et al. | 2008 | 356 | 2 | 87.1 | 71.7 | 54.8 | 34.6 | 4.8 |  |
| 231 | 3 | 83.9 | 70.9 | 51.9 | 31.1 | 4.3 |  |
| Tahzib et al. | 2007 | 89 | 6 | 78.7 | - | - | - | - |  |
| - | 10 | 82 | - | - | - | - |  |
| Titiyal, et al. | 2012 | 51 | 2 | 68.6 |  |  | 15.7 |  |  |
| 51 | 3 | 66.7 |  |  | 15.7 |  |  |
| 51 | 4 | 68.6 | - | - | 13.7 | - |  |
| 28 | 5 | 64.3 | - | - | 21.4 | - |  |
| Yuan et al. | 2011 | 84 | 3 | 100 | 100 | 85.7 | 60.7 | -  |  |
| 84 | 5 | 100 | 95.2 | 85.7 | 39.3 | - |  |
| - = no data available ; FU-time=follow-up time; ≥=equals or exceeds; %=percentage |

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| **Uncorrected distance visual acuity of hyperopic eyes (cumulative percentage of eyes)** |
| Study | Publication | Eyes (count) | FU-time (year) | ≥20/40 (%) | ≥ 20/30 (%) |  ≥ 20/25 (%) | ≥20/20 (%) | 20/15 (%) | Notes |
| Qasem et al. | 2010 | 6 | 2 | 100\* | 100\* | - | 50\* | - | data from graph, numbers are estimated |
| 2 | 3 | 100\* | 100\* | -  | 50\* | - | data from graph, numbers are estimated |
| - = no data available ; FU-time=follow-up time; ≥=equals or exceeds; %=percentage |

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| **Efficacy and safety indices of myopic eyes** |
| Study | Publication | FU-time (year) | Efficacy Index | Safety Index |
| Benedetti et al. - group 1\* | 2004 | 2  | 0.84  | 1.39 |
| Benedetti et al. - group 2\* |  | 2 | 0.90 | 1.39 |
| Bouheraoua et al. | 2015 | 3 | 0.98 | 1.02 |
| 5  | 1.02 | 1.10 |
| Budo et al. | 2000 | - | 1.03 | 1.31 |
| Landesz et al. | 2001 | n.s. | 0.91 | 1.21 |
| Senthil et al. | 2006 | 2  | 0.93 | 1.19 |
| Silva et al. | 2008 | 3  | 0.43 | - |
| 5  | 0.63 | - |
| Tahzib et al. | 2007 | 6  | 0.83 | 1.10 |
| 10  | 0.80 | 1.10 |
| Titiyal et al. | 2012 | 4  | 0.96 | 1.46 |
| \*group 1=Artisan Myopia 204; \*group 2=Artisan Myopia 206; -= no data available; FU-time=follow-up time; n.s.=not specified |

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| **Efficacy and safety indices of hyperopic eyes** |
| Study | Publication | FU-time (year) | Efficacy index | Safety index |
| Guell et al. | 2008 | 2  | 0.81 | 0.95 |
| 3  | 0.71 | 0.92 |
| 4  | 0.74 | 0.98 |
| 5  | 0.90 | 1.25 |