

LASIK World Literature Review: Patient Satisfaction and Quality of Life

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Conclusion

- World literature review confirms greater than 95% of people from around the world are satisfied with their LASIK procedure

Databases

1. PubMed

2. Ovid Article Indexes (Medline, CINALHL, PsycINFO, MUSC Journals)

Key Words

LASIK

Laser Vision Correction

Laser in situ keratomileusis

2915 Abstracts Reviewed

1581 Articles Requested & Reviewed

309 incorporated in Database*

5 Non-English (German, Russian, Chinese, French, Hungarian)

304 English

Strength of Evidence*

Level I

• Well-designed and well-conducted randomized clinical trials

Level II

• Well-designed case-control and cohort studies

Level III

• Case series, case reports, and poorly designed prospective and retrospective studies

Results - Journal

309

1994 to 2008

AJO
16
(5.2%)

Arch
Ophthal
mol
1 (0.3%)

BJO
3 (1.0%)

Cornea
8 (2.6%)

JCRS
77
(24.9%)

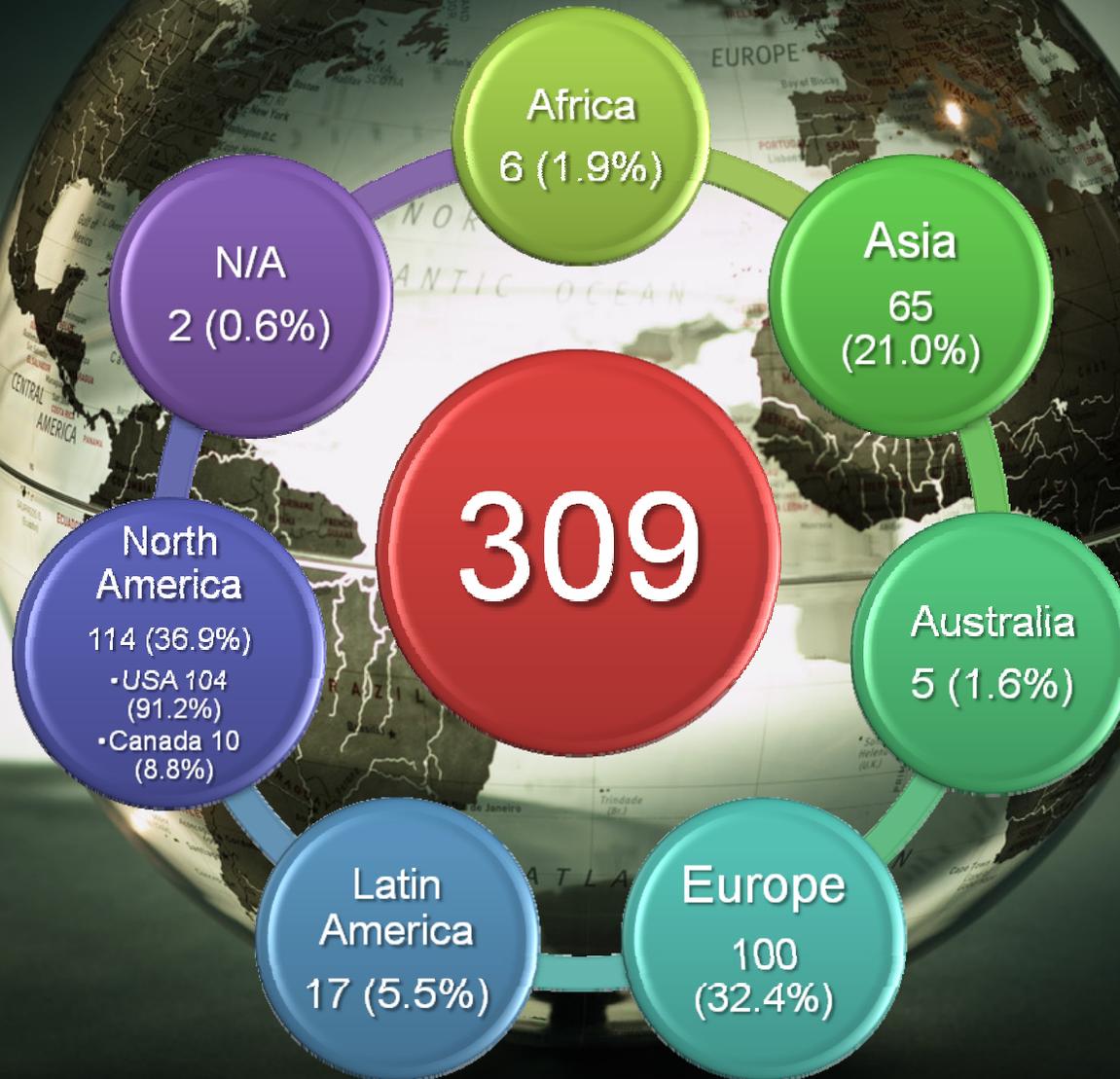
JRS
114
(36.9%)

Ophthal
mology
43
(13.9%)

Other*
47
(15.2%)

* Klin Monatsbl Augenheilkd, Singapore Med J, Vestn Oftalmol, Arch Soc Esp Oftalmol, Can J Ophthalmol, Optom Vis Sci, Cesk Slov Oftalmol, Nippon Ganka Gakkai Zasshi, Curr Opin Ophthalmol, J Fr Ophthalmol, Ophthalmologie, Compr Ophthalmol Update, Curr Eye Res, Trans Am Ophthalmol Soc, Korean J Ophthalmol, Chin Med J, Int Ophthalmol, Arq Bras Oftalmol, Ophthalmic Physiol Opt, J Zhejiang Univ Sci B, Ophthalmic Physiol Opt, J Korean Med Sci, Kaohsiung J Med Sci, Cont Lens Anterior Eye, Acta Ophthalmol Scand, Graefes Arch Clin Exp Ophthalmol, Ophthalmologica, Oftalmologia, Zhonghua Yan Ke Za Zhi, Yan Ke Xue Bao, etc

Results – Location of Study



TOTAL 19 Articles

Published: 1996 -2007

Surgeries: 1995 - 2003

Treatment range (SE): -22.75 to +7.00

Age range (yr): 18 to 67

Follow-up range (mo): 1 to 60

13 countries

7 USA

1 UAE, Scotland, Ireland, Netherlands, France, India, Iran, Turkey, Spain, UK, Egypt, South Africa

Overall

Satisfied 95.4%
Unsatisfied 4.6%

(n = 2199)

Myopes
n = 1929

- Satisfied 95.3%
- Unsatisfied 4.7%

- 96.3% Satisfied
- 3.7% Unsatisfied

Hyperopes
n = 297

Surgeries
1995 to 2000
n = 1113

- Satisfied 96.0%
- Unsatisfied 4.0%

- 94.9% Satisfied
- 5.1% Unsatisfied

Surgeries
2001 to 2003
n = 511

USA
n = 1262

- Satisfied 95.2%
- Unsatisfied 4.8%

- 95.6% Satisfied
- 4.4% Unsatisfied

Rest of the World
n = 937

Validated
Questionnaires
n = 270

- Satisfied 93.7%
- Unsatisfied 6.3%

- 95.6% Satisfied
- 4.4% Unsatisfied

Non-Validated
Questionnaire
n = 1928

Anonymous
Questionnaire
n = 338

- Satisfied 98.8%
- Unsatisfied 1.2%

- 94.8% Satisfied
- 5.2% Unsatisfied

Non-Anonymous
Questionnaire
n = 1645

Questionnaire
completed within 6
months after LASIK
n = 1459

- Satisfied 94.8%
- Unsatisfied 5.2%

- 98.5% Satisfied
- 1.5% Unsatisfied

Questionnaire
completed \geq 7
months after LASIK
n = 477

Conclusion

- The vast majority of patients are satisfied with their LASIK surgery
- Our continued goal is to make this better for everyone

Thank you