Potsdam Eye Center Albrecht-von-Graefe-Haus



LASICAT "Lasers in Cataract Surgery" First experience with the LaserSoft

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Results 4: LASIK or PRK after Cataract Surgery

- we did a planned LASIK (LaserSoft), ast > 1 dpt, max astigmatism 4,5 dpt. Result: ast < 0,75 dpt increased vision
- a. In 35 eyes with monofocal IOLs b. In 20 eyes with multifocal IOLs we did a LASIK (LaserSoft), astigmatism > 1 dpt, max 4,5 dpt Result: better far and near vision
- c. In 7 eyes with toric IOLs we did a planned LASIK (Solid State Laser, LaserSoft*, Katana Technologies, Germany) **Result: better vision, different results**

* not FDA approved, CE marked

d. In 5 eyes with superficial corneal distrophies we did a PRK (Solid State Laser, LaserSoft*, Katana Technologies, Germany).

Result: clear cornea, better vision and refraction in all cases















Conclusion

Additional benefit for patients vision can be added if the cataract surgery is planned with Laser treatment after the cataract surgery.

LASIK and PRK offer today excellent possibilities to safely improve vision especially in patients with multifocal and toric IOLs.

Current experiences show that both, Excimer as well as Solid State Lasers like LaserSoft, lead to similar good results. Statistics are not yet possible (more cases necessary).

