



Cataract surgery in the Baltic Countries

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Purpose.

To analyze development of cataract surgery in the Baltic Countries (with emphasises on Lithuania).



Population

ESTONIA 1,4 mln.

LATVIA 2,3 mln.

LITHUANIA 3,5 mln.

Methods.

Retrospective analyses of cataract surgery evolution for Estonia, Latvia and prostective for Lithuania was performed.

First study on Eye health care services in eastern Europe was performed 1998, second – 2003 year.

Results.

The cataract surgery rate in 1998, 2003, and **2006** was:

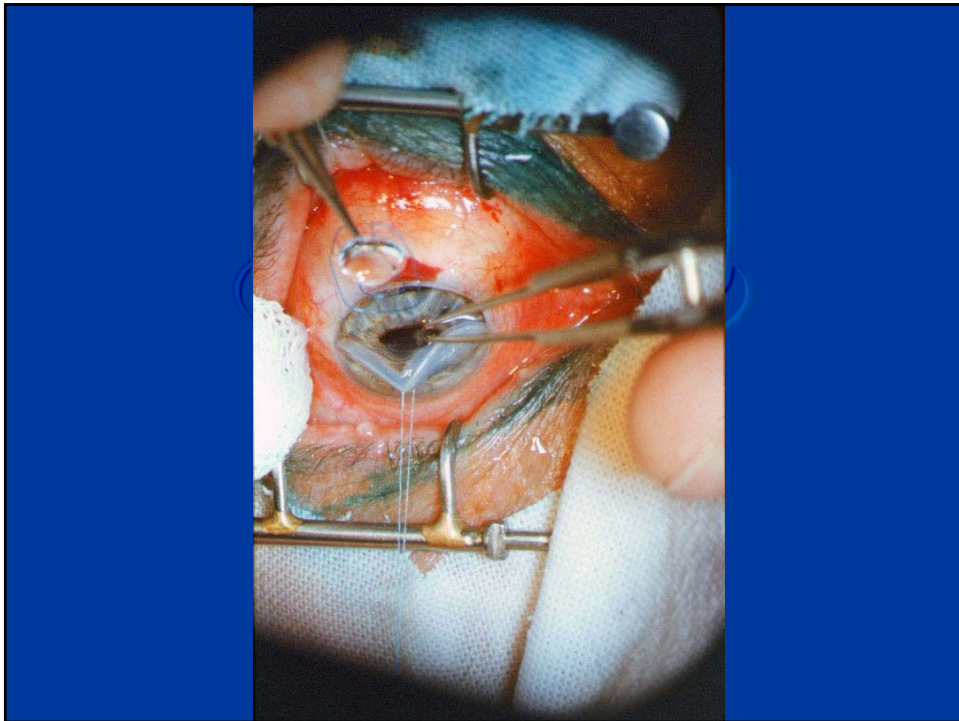
- Estonia 2530, 6123 and **7700**
(personal communication with dr. A. Klett)
- Latvia 1860, 2921 and **5000**
(personal communication with prof. G. Laganovska)
- Lithuania 1550, 2502 and **3800**

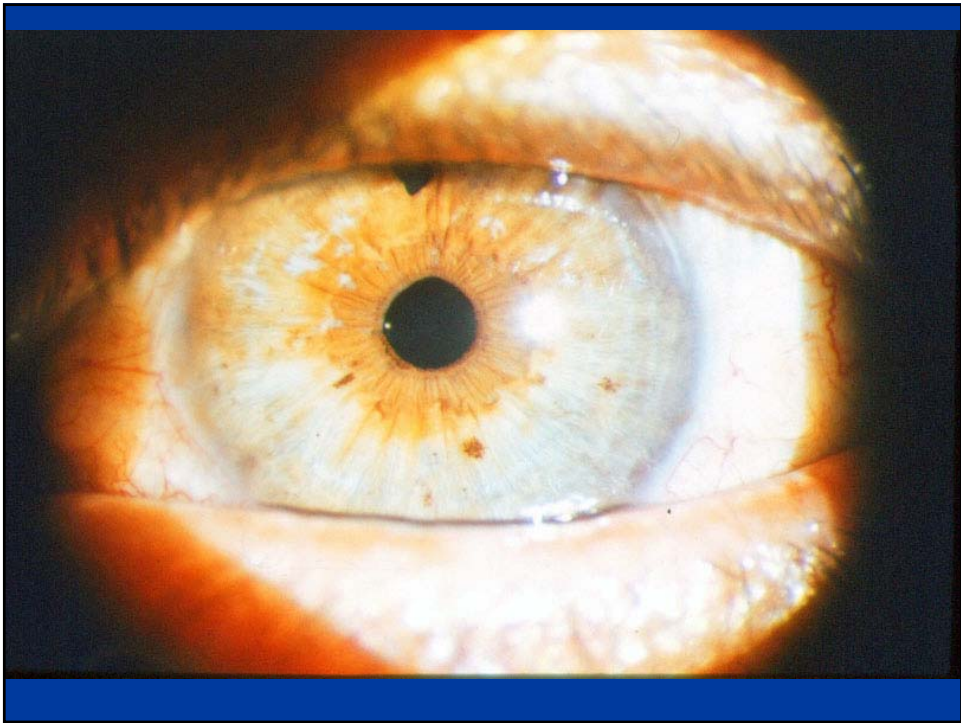
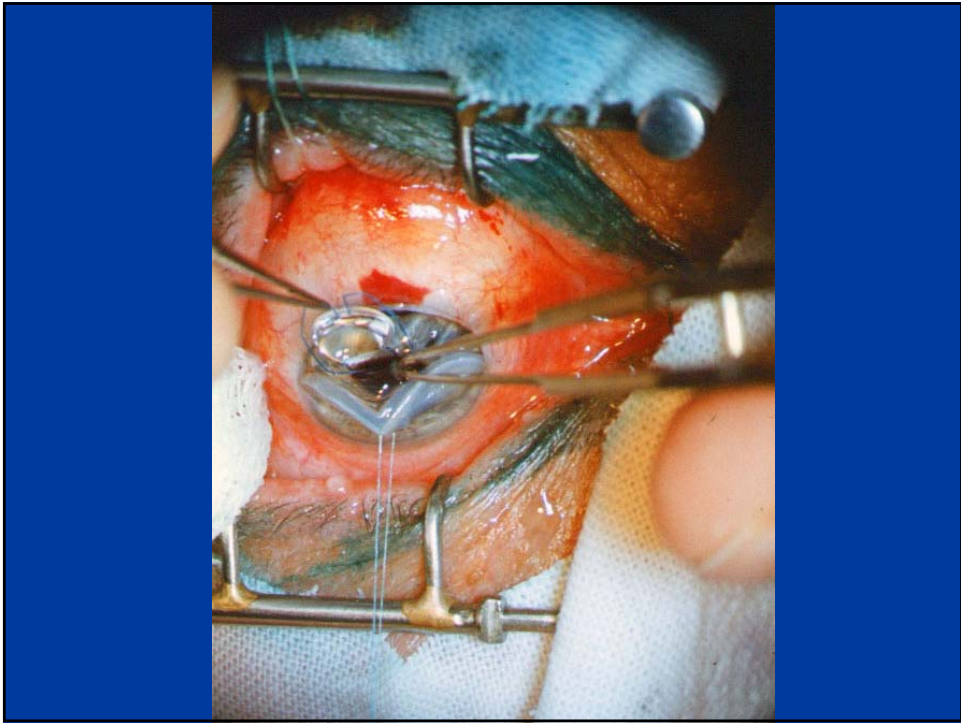
Phacoemulsification

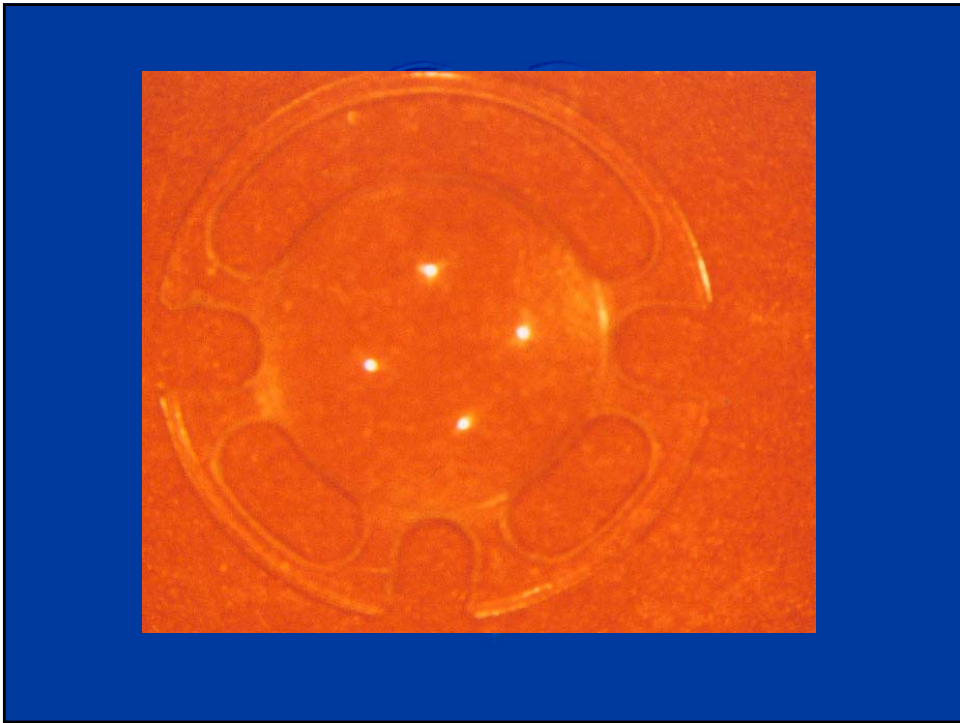
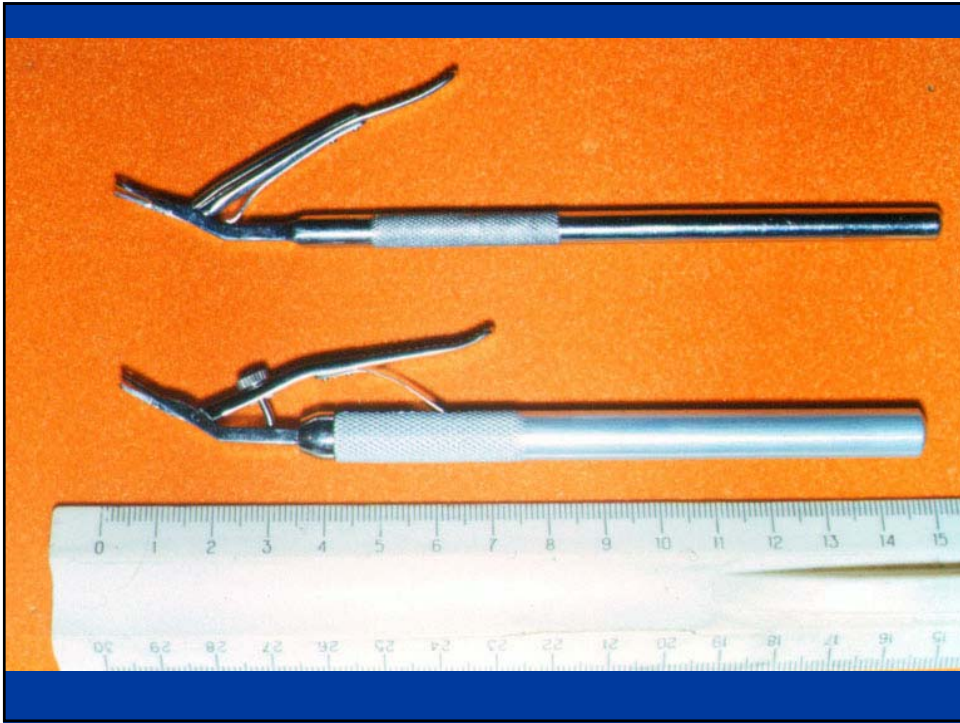
Country	1998, %	2003, %	2006, %
Latvia	4,0	63,8	unavailable data
Lithuania	2,8	55,66	80,0
Estonia	50,0	96,2	99,0

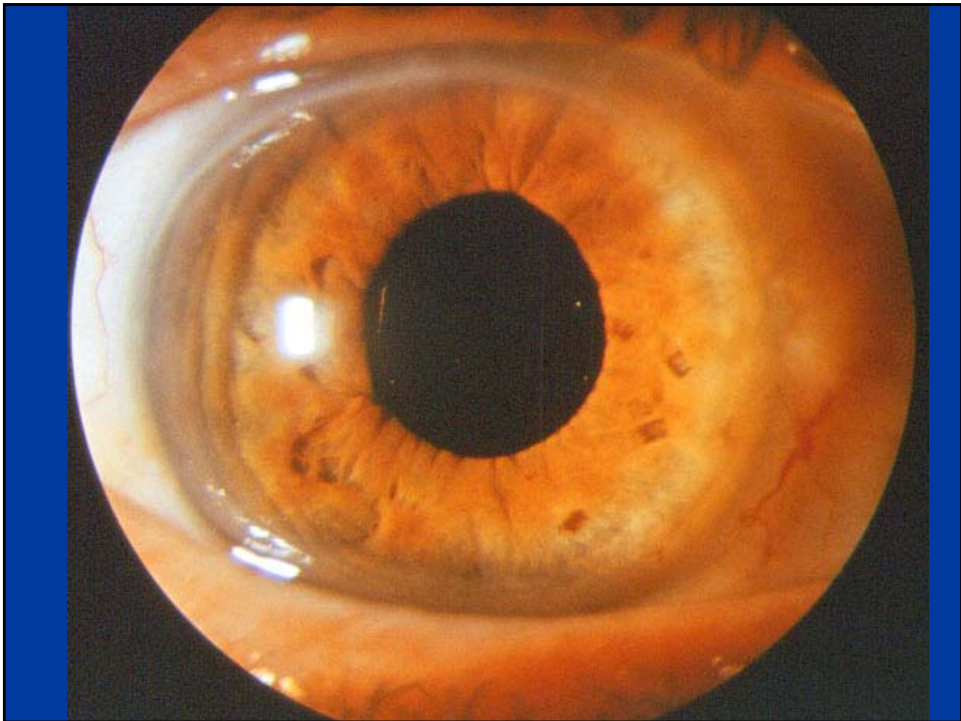
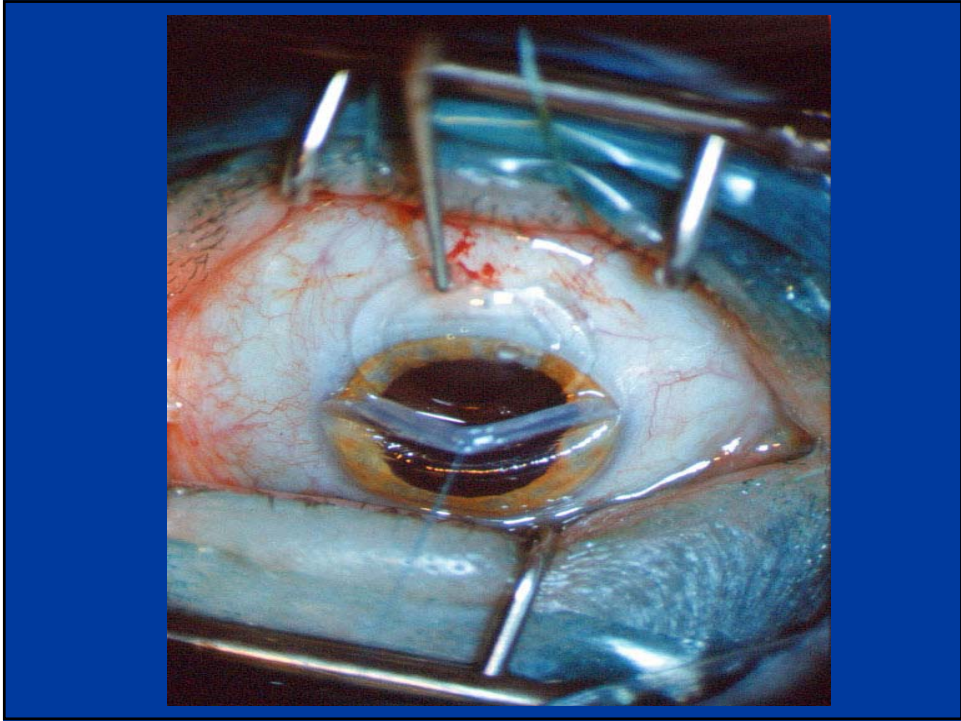
Ophthalmic in-patient departments in Lithuania



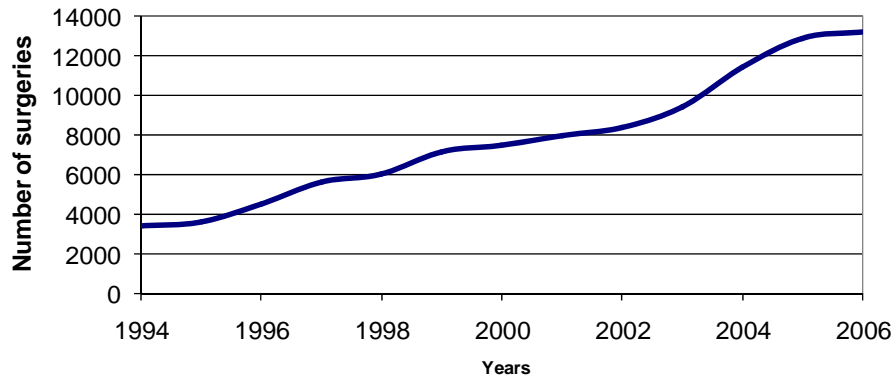




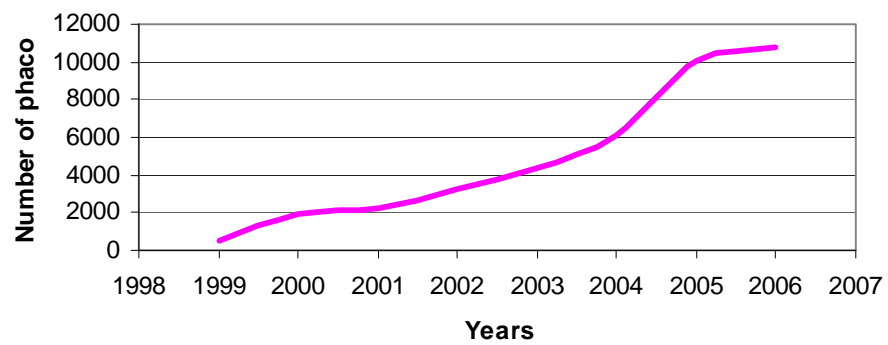




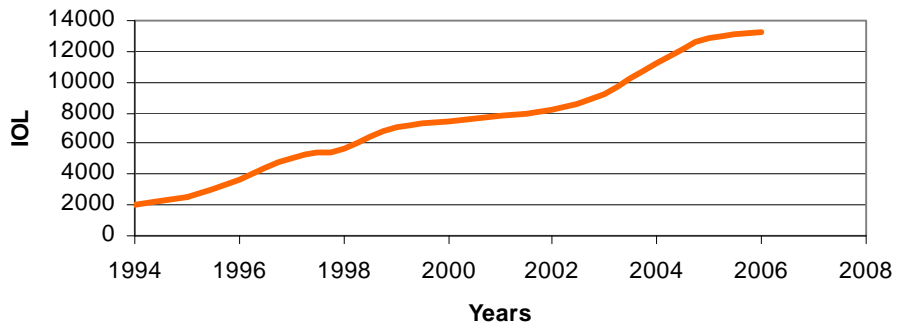
**Dynamics of cataract surgery in Lithuania
1994-2006 year**



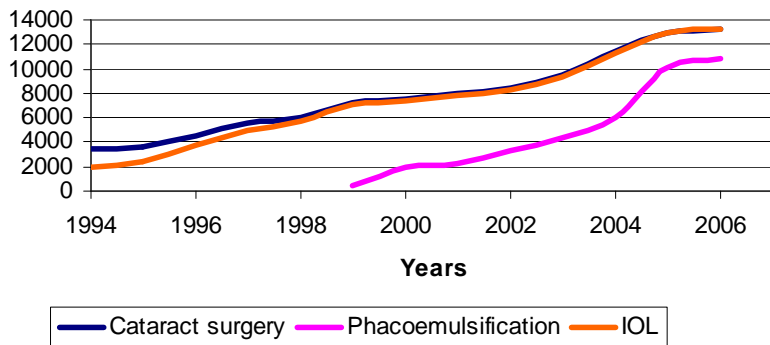
**Dynamics of Phacoemulsification
1999 - 2006 year**



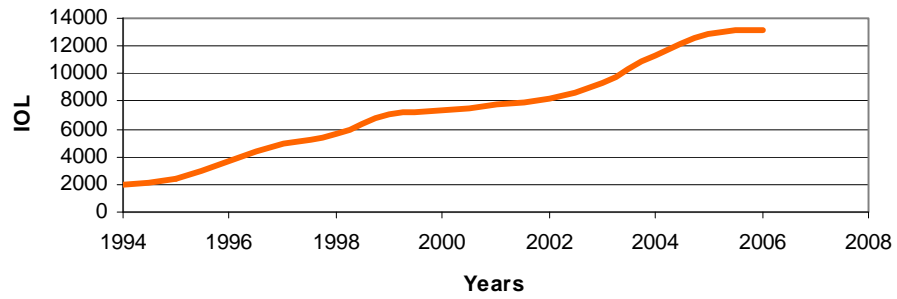
Dynamics of IOL in Lithuania 1994-2006 year



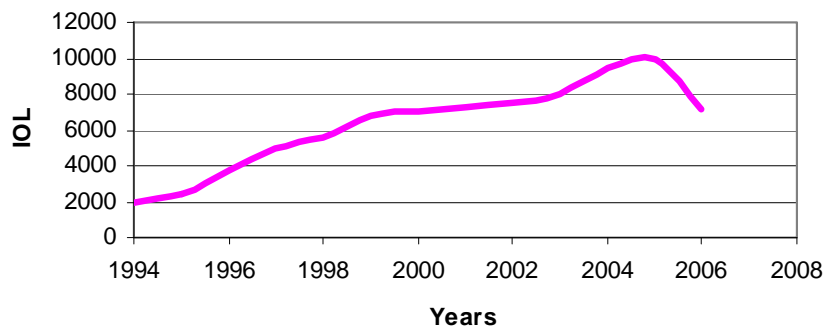
Trends of cataract surgery in Lithuania



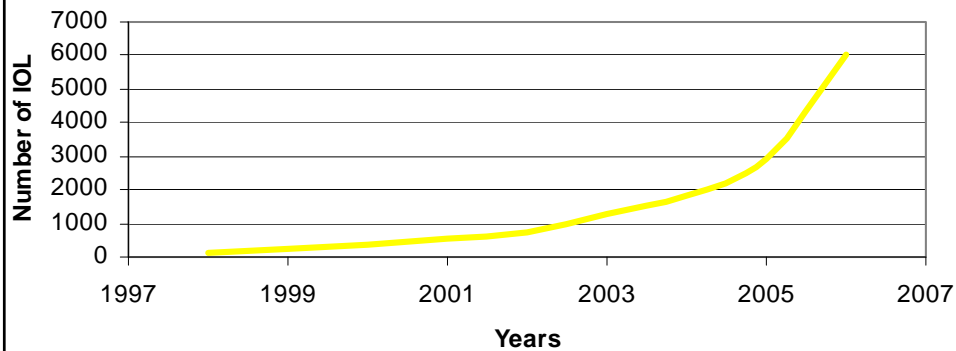
**Dynamics of IOL in Lithuania
1994-2006 year**



**Dynamics of PMMA IOL
1994-2006 year**



Dynamics of Foldable IOL 1996 - 2006 year



Cataract surgery in 2007:

- state institutions – 13 000 (97%)
- private institutions – 400 (3%)

Conclusion

- observed progress in cataract surgery (qualitative and quantitative)
- transition from ECCE to phacoemulsification is almost completed
- IOL are used in all cases with obvious tendency toward foldable IOL
- private practice (surgery) march it's first steps