



## First Experience with Canaloplasty in Lithuania

Vytautas Jasinskas (Kaunas University of Medicine, Lithuania)  
Noerbert Körbert (Augencentrum Porz Cologne, Germany)

Munich, 28 February 2009



## Ophthalmic in-patient departments in Lithuania

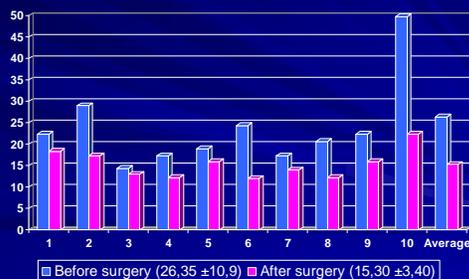
A map of Lithuania with several cities marked by red dots, indicating the locations of ophthalmic in-patient departments: Klaipėda, Šiauliai, Panevėžys, Kaunas, and Vilnius. A yellow circle highlights Kaunas, with a callout box pointing to it that reads "National center of Ophthalmology".



First nonpenetrating glaucoma procedures – deep sclerectomy with 5FU were performed in 2002 year

First canaloplasty was performed in October 2008

### IOP before and after canaloplasty (mm Hg)



The mean follow-up was 62 days and the longest follow up was 120 days

In group were phacoemulsification and canaloplasty (6) were performed mean IOP was 15,85 mm Hg  $\pm$  3,9. In eyes were alone canaloplasty (4) was performed mean IOP was 14,55 mm Hg  $\pm$  2,4.

### Conclusions

- Canaloplasty is eliminated of vision devastating complications (lens opacification, hypotony maculopathy, bleb leaks and infections/endophthalmitis)
- Effectively decrease intraocular pressure in nonoperated as well laser affected eyes
- It is highly challenging procedure for surgeons



THANK YOU FOR ATTENTION