

The objectives of this thesis were:

You summarize and clarify the existing development and potential implantation of intraocular lenses with an emphasis on the use of multifocal intraocular lenses in patients with refractive defects,

You collect data on intraocular pressure measured in the preoperative and postoperative examination in patients with implanted multifocal intraocular lenses

You evaluate and compare the results of postoperative examinations with the results acquired in the preoperative examination focus on the size of intraocular pressure, depending on implantation of multifocal intraocular lenses

You evaluate the importance of preventing an increase in intraocular pressure in the treatment of refractive errors and cataracts using multifocal intraocular lenses in patients

You compare the results obtained from own studies with published studies in the Czech Republic and abroad.