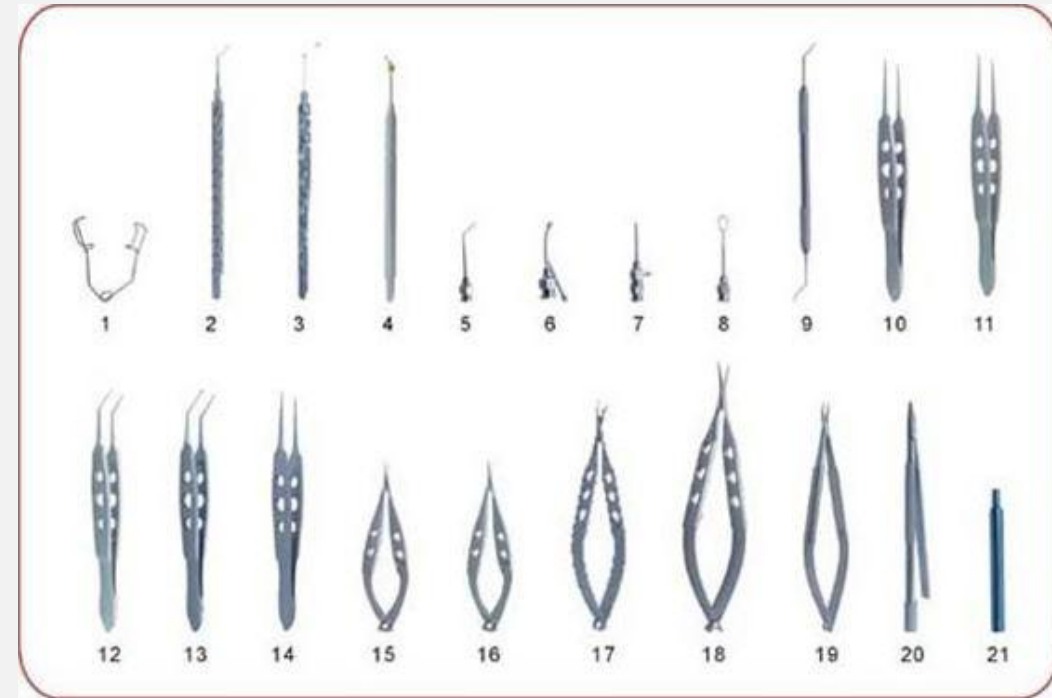


EYE MICROSURGERY

- Eye microsurgery is a separate branch of surgery that deals with the surgical treatment of small-sized structures of the human body, in particular the eyes, which are often inaccessible without magnifying devices. All microsurgical operations are performed using operating microscopes with a high degree of accuracy and resolution, as well as miniature surgical instruments.



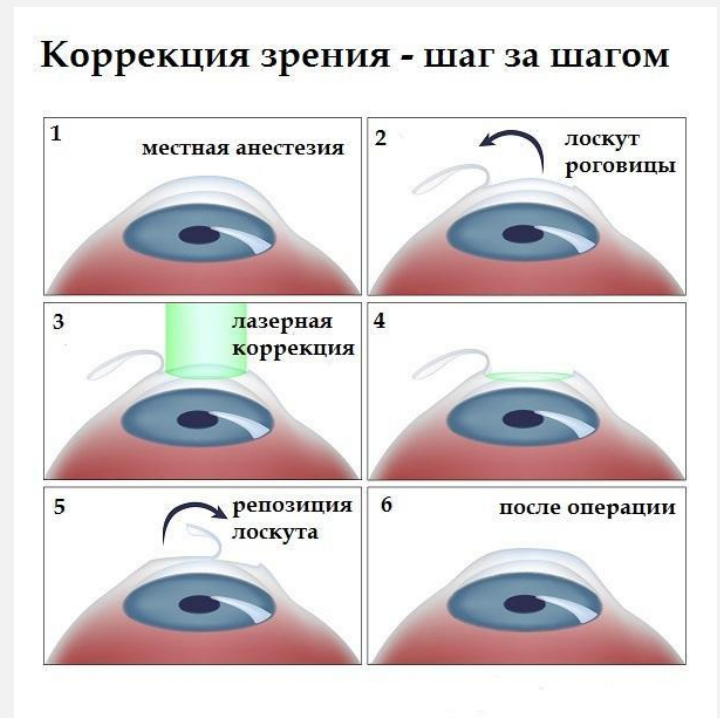
- The active development of microsurgery begins in the 50-60s of the 20th century, when operations under a microscope with the use of high-quality atraumatic suture material entered the practice of ophthalmologists, and the production of special microinstruments began. These are instruments such as micro scalpels, blade holders, diamond scalpels, microsurgical scissors, tweezers for holding tissues, tying threads, microneedle holders with spring handles, microvascular clamps, various types of hooks, bougie, special retractors. Since then, the methods and treatment options have undergone many improvements and changes, they have become more affordable and effective.



- Usually, laser vision correction operations last from 1 to 2 minutes, and they do not require inpatient treatment in most cases, however, the patient stays in the hospital for 3-4 hours due to the preparation of documents, postoperative rest and receiving recommendations for the course of treatment. The doctor is required to know modern technology as well as his business, as well as filigree accuracy.



- The most famous type of surgery is laser vision correction. There are different types of this procedure, such as:
- photorefractive keratectomy
- LASIK
- Relex SMILE
- The bottom line is that with the help of a laser, the surgeon penetrates into the inner or outer layers of the cornea with its further correction.



THANKS