

## Myopia

[Vestn Oftalmol.](#) 2005 Mar-Apr;121(2):5-8.

### **[Progressing myopia in children: does it need treatment or not?]**

[Article in Russian]

[Tarutta EP](#), [Iomdina EN](#), [Akhmedzhanova EV](#).

The purpose of the case study was to evaluate the remote consequences of a complex of laser and repeated surgical sclerorestorative procedures made in progressing myopia and its complications. Three hundred and forty-six children, aged 8-10, with rapidly progressing uncomplicated myopia of 4.25 to 9.5 D were shared between 2 groups. Two hundred and forty patients of the experimental group were made sclerorestorative procedures and transscleral low-energy laser stimulation of the ciliary muscle by means of infrared laser MACDEL-09. No such treatment was applied to patients of the control group. When indicated, preventive laser coagulation of the retina was made in both groups. The dynamic 10-year follow-up over the status of refraction and eye bottom showed that the complex scheme of repeated sclerorestorative procedures and low-energy laser treatment combined with preventive peripheral laser coagulation of the retina cut the rate of progressing myopia and prevented peripheral vitreoretinal dystrophy and retinal detachment in children and teenagers with progressing myopia.

### **Treatment of myopia with helium-neon laser stimulation. Rabadanova M G et al.**

A new technique of stimulating the ciliary muscle in cases of progressing myopia is described. The positive results have been confirmed through measurement of the intraocular pressure, refraction reduction and increase of visual acuity.