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The invention relates to medicine, namely to ophthalmology.

Summary of the method consists in that it is carried out determination of the indexes in the early postoperative period, namely the real intraocular pressure (P_O), the reflux coefficient (C), the Bekker coefficient (P_O/C), the resistance coefficient of the aqueous humor reflux (R) and of the parameter depending on the operational method (MO) proceeding from the disease stage. Afterwards, the selected indexes are appreciated by numerical values, which are used for calculation of the discriminant function according to formula:

$$F = 1{,}01 \times P_O + 8 \times C - 0{,}13 \times P_O/C + 2 \times R + 0{,}56 \times MO - 21.$$

In case when the value $F < 0$, the evolution prognosis is favorable and in case when $F ⌐ 0$, the prognosis is unfavorable.

The result consists in determination of the most informative indexes, prognosticating the surgical treatment results, obtained after a year of the prime open-angle glaucoma treatment.