

COMBINED TREATMENT EFICACITY OF PRE-MYOPES AGED 6-10 YEARS WITH FAMILIAL FACTOR

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Introduction: Myopia management is an exciting area with new research and technology advancements that will allow us to detect the pre-myope earlier and more accurately manage pre-myopia.

Material and methods: Clinical retrospective study, that included 20 pre-myopes (40 eyes) aged 6-10 years with familial factor. The combined treatment (physiotherapy and anti-fatigue lenses-Rhein Vision's Facile) was applied for 2 years.

Results: In base group with familial factor, the spherical equivalent increased (from 0.59 to -0.23 D) after 2 years of treatment, and the *vitreous chamber* depth increased (from 15,60 to 15,79 mm).

In the control group, aged 6-10 years with familial factor the spherical equivalent has increased (from +0,66 to -0.76 D) after 2 years of treatment. The *vitreous chamber* depth has changed (from 16,59 to 17,02 mm) after 2 years.

Between the basic group and control group, it was determined the statistical difference ($p > 0.05$).

Conclusions: Significantly higher frequency of myopia onset was determined in the control group (21% of the combined treatment vs 74% of the control).