**DOMESTIC TOPICAL ANTIMYCOTICS IN THE TREATMENT OF ONYCHOMYCOSIS**

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| **About the author:** | Ya.F. Kutasevych, I.O. Oliinyk, K.G. Suprun |
| **Heading** | CLINICAL OBSERVATIONS |
| **Type of article** | Scentific article |
| **Annotation** | The objective of the work is to increase the treatment effectiveness of patients with onychomycosis with a contraindication to systemic antifungal therapy.Materials and methods. A study of the antifungal activity of the 1% aqueous-alcoholic solution of naftifine hydrochloride and the 1% naftifine hydrochloride cream (Estesifin) by the «wells» method was performed on cultures of Candida albicans strain No. 1038 andTrichophyton rubrum strain No. 925. 90 patients with various clinical forms of onychomycosis were observed. The solution of naftifine hydrochloride was used by 1–2 drops in the frontal plane of the nail plate 2 times a day. Naftifine hydrochloride cream was usedby rubbing it into the nail rollers once a day. Assessment of therapeutic efficacy was carried out taking into account the dynamics of clinical and mycological signs.Results. A study of the antifungal activity of the 1% aqueous-alcoholic solution of naftifine hydrochloride showed that the growth retardation zone of C. albicans is 61 mm, T. rubrum – 100 mm (100%), the growth retardation zone of C. albicans by 1% with naphthynehydrochloride cream – 32 mm, T. rubrum – 78 mm. After the complex treatment it was found that the developed treatment method was very effective in 61 patients (67.8%), effective – in 18 (20.0%) and ineffective – in 11 (12.2%).Conclusions. The drugs Estesifin solution and Estesifin cream have high antifungal activity. The use of the developed method in complex treatment is very effective and effective in 87.8% of patients with onychomycosis with contraindications to the systemic therapy. These drugs are recommended for use in the complex treatment of patients with onychomycosis with contraindications to the systemic therapy. |
| **Tags** | onychomycosis, concomitant pathology, external treatment, antifungal activity, naftifine hydrochloride |
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