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

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| **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 and  Trichophyton 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 used  by 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 naphthyne  hydrochloride 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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