

### Experience Usage Terbizila in Treatment Microspore Children and Adults

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#### ABSTRACT

One of the most common dermatomycosis (trichomycosis) is microsporia. These are common extreme treatment accessory diseases that affect the skin and its appendages (hair, rarely appendages), the skin and fur of animals. The disease is caused by various appendages of the genus *Microsporum*. Children's contingent of patients is considered: from infancy to 16 clothes, but the last daily microsporia relations are often present, adults on the ground and elderly children become ill together. Uzbekistan was marked with a high level of microsporia: in the 29th year 41.3 cases per 100 people 000 inhabitants, in 2020 - 48.1; 2021 - 43.0 words / 100 min. Among the causative agents of microsporia recently For 4 years there is only one standing microsporum - *Microsporum lanosum*, i.e. Fluff microsporum is the causative agent of zoonthropon microsporia. He became a cosmopolitan, as other authors write, it is parasitizing throughout the Eurasian continent (NP Malishevskaya., SN Nesterov, 2006).

**Introduction:** Our microsporia regulatory frequency analysis The population of Minsk shows the lowest in different months from January 2019 to December 2023. event microsporia Everything these are years registered with march- An annual increase in the incidence of microsporia was observed in July and August-September, and then gradually decreased in the period from October to February. Such dynamics of the disease is primarily related to the seasonality of microsporia epizootics. Among cats, children and adults are the main reservoir and source of microsporia infection. The seasonality of migration also plays an important role population associated with the holiday period; after the children return in August-September Inspection of parents' villages and organizations when entering schools and kindergartens for teenagers who spent the summer season and in suburban recreation areas.

Modern treatment of microsporia involves the use of systemic antimycotics: griseofulvin, means terbinafine or itraconazole. Griseoful has not been taken in the last 5 years terbinafine drugs have become antimycotic drugs Itraconazole preparations can also be used for the treatment of microsporia and trichophytosis in children as young as 14, and at an older age. Terbinafine (Lamisil, Terbizil) is the best systemic antimycotic, its main target is squalene epoxidase. only additional.

**Aim:** was a clinical comparative aid of Terbizil generic and Lamisil brand in the treatment of

mycotic mycotics treated with targeted skin microsporia, scalp and scalp and its use.

**Materials and methods:** There were 06 patients aged 2 years with microsporia under our control. 49 years, Dan they are 60 (56.6 %)– male jeans And 46 (43.4 %)- a woman gender IN age 12 children from 4 years old, 27 patients from 5 years old, 52 patients from 8 years old, 14 from 15 years old, 4 children from 15 to 18 years old, 1 patient from 18 years old.

**Results and discussion:** In 40 patients microsporia of the skin of the trunk and extremities was detected, in 38 patients only the scalp was affected by *M. lanosum*. A microsporia foci problem on one's own skin and scalp, Fractures of the trunk and arms were recorded in 28 patients. Infiltrative-purulent form of microsporia It was found in 3 patients. The number of lesions on smooth skin is from 2 to 21, with 33.6% The number of patients is from 2 to 5 and within 45.4% - from 6 to 15. In the light of a wooden lamp, the yellow-green glow of the lesions, especially on the scalp, was noted before the condition in all individuals. before all men clinic diagnosis was the author laboratory (microscopic - at 100 %, Culture protector *M. lanosum* was Retrieved from 101 Dan 106 (95.3 %) requested.

The first group of patients with microsporia received Terbizil (76 people), Lamisil (30 people). Both drugs of Terbinaf are prescribed in protocols for the diagnosis and treatment of patients with skin and subcutaneous tissue diseases. If the patient has a large scalp lesion and the drugs of terbinafine, professor NN, need 1.5 times the daily dose for this technique. medicine was passed people, at which V a the first 5 weeks about for fungi, the hair root has a stable development at the microscopic level.

Out of 40 patients with skin microsporia, 8 were treated with lamisil, 32 with terbizil. The third consecutive analysis was obtained at  $24.6 \pm 2.9$  and  $25.0 \pm 2.1$  days ( $P > 0.1$ ), i.e. clinical and mycological treatment of foci of microsporia on the skin when released as a brand name (Lamisil) occurred in an average of 3.5 weeks. Happy Sunday. This is consistent with the data of other authors.

In patients with scalp microsporia with Lamisil (12 patients) the first and chronic consecutive disease tests were  $22.7 \pm 4.0$  and  $34.8 \pm 4.0$  respectively, while treatment with Terbizil (26 patients) was  $25.4 \pm 3.3$  and  $38.2 \pm 2.8$  days. the differences of the difference in the two groups' indicators are not significant ( $P > 0.1$ ).

**Results and discussion:** Treatment with lamisil in combined lesions of smooth skin and scalp (10 patients) shows that the first disease results after  $22.6 \pm 3.4$  days, after  $35.9 \pm 4.7$  days. In the group of patients treated with Terbizil, these indicators were  $26.9 \pm 4.8$  and  $38.5 \pm 6.9$  days of appropriate treatment. For both indicators, the differences were not statistically significant ( $P > 0.1$ ).

The analysis of clinical materials shows that in a number of serious periods transfer to higher doses of terbizil, antimycotic 1.5avar was carried out with a long delay (up to 2-4), which may affect the higher doses of the week.

Children and adults with microsporia tolerate Terbizil or Lamisil well, 4 out of 106 observed patients had mild side effects that did not require adjustment of the drug. During treatment, the complete blood count and tests remained within normal limits.

**Conclusion:** Thus, terbinafine drugs - Lamisil and Terbizil - effective systemic antimycotics in children and adults with microsporia, with good treatment. Terbizil is a generic of Lamisil, and the price of the drug often plays a decisive role in clinical and mycological diseases with different types of computer. From a pharmacological point of view, treatment with Terbizil is more preferable for the patient. Therapeutic methods of long-term treatment of microsporia in children with drugs terbinafine, need V again big Maybe connecting physiotherapeutic methods

to obtain a high concentration of the antifungal drug in foci of mycotic infection.

## Literature

1. Toshev S. U. THE USE OF ADVANTAN IN THE LOCAL TREATMENT OF GENITAL HERPES //Asian journal of pharmaceutical and biological research. – 2022. – Т. 11. – №. 2.
2. Uktamovich T. S., Fakhriddinovich F. K. Effectiveness of the Treatment of Limited Scleroderma //Central Asian Journal of Medical and Natural Science. – 2022. – Т. 3. – №. 5. – С. 650-652.
3. Uktamovich T. S., Umedovich S. U. Effectiveness of Treatment of Testicular Torsion //Central Asian Journal of Medical and Natural Science. – 2022. – Т. 3. – №. 5. – С. 647-649.
4. Uktamovich T. S., Vakhobiddinovich A. D. Complex Therapy of Patients with Atopic Dermatitis //Central Asian Journal of Medical and Natural Science. – 2022. – Т. 3. – №. 5. – С. 653-655.
5. Hikmatovich I. N. et al. Local Treatment of Children with Atopic Dermatitis //International Journal of Innovative Analyses and Emerging Technology. – 2021. – Т. 1. – №. 5. – С. 235-237.
6. Toshev S. U. APPLICATIONS OF ELACON FOR LICHEN PLANE //Asian journal of pharmaceutical and biological research. – 2022. – Т. 11. – №. 2.
7. Uktamovich T. S., Fakhriddinovich F. K. Assessment of the Quality of Treatment of Patients with Damage to the Mucous Cavity of the Mouth //Web of Semantic: Universal Journal on Innovative Education. – 2023. – Т. 2. – №. 2. – С. 119-122.
8. Uktamovich T. S., Umedovich S. U. Effectiveness of Treatment of Fungal Diseases of the Nails //Web of Semantic: Universal Journal on Innovative Education. – 2023. – Т. 2. – №. 2. – С. 114-118.
9. Uktamovich T. S. et al. Study of the Microelemental Composition of the Hair of Patients with Diffuse Alopecia //Web of Synergy: International Interdisciplinary Research Journal. – 2023. – Т. 2. – №. 1. – С. 203-206.
10. Ахмедова М. М., Абдуллаев Д. М., Тошев С. У. ИСПОЛЬЗОВАНИЯ МАЗЬИКУРАЛИМУС ПРИ ЛЕЧЕНИИ КРАСНОГО ПЛОСКОГО ЛИШАЯ //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – Т. 2. – №. 3. – С. 191-193.
11. Rizaev J. A. et al. Medical and organizational measures to improve the provision of medical care in the dermatovenerology profile //International Journal of Current Research and Review. – 2020. – Т. 12. – №. 24. – С. 120-122.
12. Нарзикулов Р. М. и др. Новый подход в лечении витилиго //НАУЧНЫЕ ИССЛЕДОВАНИЯ. – 2019. – С. 60.
13. Абдуллаев Д. М., Тошев С. У., Толибов М. М. КОМПЛЕКСНЫЙ МЕТОД ЛЕЧЕНИЯ ВУЛЬГАРНЫХ УГРЕЙ //Актуальные аспекты медицинской деятельности. – 2021. – С. 254-256.
14. Тошев С. У., Сулаймонов А. Л., Тиллакобилов И. Б. ТЕРАПИЯ ВИТИЛИГО С ПРИМЕНЕНИЕМ ПОЛИОКСИДОНИЯ В СОЧЕТАНИИ С ЛЮКОДЕРМИНОМ //Высшая школа: научные исследования. – 2019. – С. 55-59.
15. Нарзикулов Р. и др. Принципы терапии у женщин больных гонореей ассоциированные

- ипп //Журнал вестник врача. – 2019. – Т. 1. – №. 1. – С. 99-102.
16. Тошев С. У., Аширов З. Ф., Абдуллаев Х. Д. ЛЕЧЕНИЕ ВИТИЛИГО 308-НМ ЭКСИМЕРНЫМ ЛАЗЕРОМ //Актуальные аспекты медицинской деятельности. – 2021. – С. 240-243. Talibov MM EPIDEMIOLOGY, MICROBIOLOGY AND ACNE THERAPY (REVIEW OF LITERATURE) // SCIENTIFIC APPROACH TO MODERN EDUCATIONAL SYSTEM. - 2023. - Volume 2. - No. 14. - S. 215-224.
  17. Mansur TM, Vahidov J. J. - 2023. - Volume 2. - No. 14. - S. 200-214.
  18. Talibov MM and others OPTIMIZATION TO TREATMENT HEAVY BARNED ILL //SCIENTIFIC APPROACH TO THE MODERN EDUCATION SYSTEM. - 2023. - Т. 2. - no. 14. - S. 190-199 years.
  19. Abdullaev XD and others. EVALUATION OF EFFICACY OF GEPON DRUG IN THE TREATMENT OF SEXUAL CANDILLOMA // Web of Scientist: International Scientific Research Journal. - 2021. - Т. 1. - no. 02. - S. 16-19.
  20. Abdullaev XD and others. Determination of cytokine status in patients with psoriasis against the background of standard treatment // Society and innovations. - 2020. - Volume 1. - No. 1/S. - S. 625-629.
  21. Ahmedova MM, Abdullaev XD, Kamalova MI EVALUATION OF THE EFFECTIVENESS OF ONYCHOMYCOSIS TREATMENT METHODS IN ADULTS // SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - Volume 2. - No. 3. - S. 186-190.
  22. Toshev SU, Ashirov ZF, Abdullaev XD TREATMENT OF VITILIGO WITH 308-nm EXCIMER LASER // Actual aspects of medical activity. - 2021. - S. 240-243.
  23. Davlatovich AX, Haydarjonovna XS, Rakhimjon NS IMPROVING METHODS OF TREATMENT OF PROSTATITIS ASSOCIATED WITH JYBYK //SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - S. 359-361.
  24. Akhmedova M., Rasulova N., Abdullaev H. Study of partial kidney functions in young children with metabolic nephropathy // Journal of biology and medical problems. - 2016. - no. 2 (87). - S. 37-40.
  25. Narzikulov R. and others. Principles of therapy in women with STI-related gonorrhea // Doctor's Bulletin. - 2019. - Volume 1. - No. 1. - S. 99-102.
  26. Nurullaeva AA, Rakhmatova AX, Abdullaev XD The importance of skin inoculation with microbes in some itchy dermatoses // Youth and medical science in the 21st century. - 2019. - P. 125-125.
  27. Abdullaev XD and others. THE EXPERIENCE OF USING HEPON IN THE TREATMENT OF FOCAL SCLERODERMIA //ResearchJet Journal of Analysis and Inventions. - 2021. - Т. 2. - no. 03. - S. 60-63.
  28. Abdullaev XD, Sobirov MS, Jumaeva DX Neuro-psychological condition of patients with seborrhea // Youth and medical science in the 21st century. - 2018. - S. 115-116.
  29. Akhmedov Sh. K. and others. EFFECTIVENESS OF ISOTRETINOIN TREATMENT IN THE TREATMENT OF ACNE // West Siberian Academic Journal. - 2015. - Т. 11. - No. 1. - S. 56-56.

30. Abdullaev H., Tolibov M. Study of the effectiveness of complex treatment of vulgar acne associated with allergic dermatoses // Journal of hepato-gastroenterological research. - 2021. - Volume 2. - No. 3.2. - S. 73-74.
31. Davlatovich AX, Ogli ABX, Ogli IAS EVALUATION OF THE EFFECTIVENESS OF TREATMENT OF GENITAL HERPES IN CHILDREN // SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - S. 367-369.
32. Abdullaev XD and others LASER IN THE TREATMENT OF VITILIGO //SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - S. 495-500.
33. Kholmurodovich DJ, Umidovich NT, Davlatovich AX CLINICAL COURSE OF NON-SPECIFIC PNEUMONIA //SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - S. 510-513.
34. Davlatovich AX and others. THE USE OF IMMUNOMAX AND TACROLIMUS 0.1% IN THE TREATMENT OF VITILIGO // SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - S. 559-562.
35. Davlatovich AX and others. ASSESSMENT OF THE GENERAL SOMATIC STATUS OF VITILIGO PATIENTS ON THE BASIS OF DETERMINING THE CONTENT OF NATURAL ANTIBODIES TO DIFFERENT ORGANS AND TISSUES OF THE BODY //STABILITY AND LEADING AND LEADING. - 2022. - S. 472-476.
36. Davlatovich AX TA DETERMINATION OF GENE ACTIVITY IN VITILIGO BASOR //SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - S. 451-454.
37. Kholmurodovich DJ, Orifovich RS, Davlatovich AX CHARACTERISTICS OF MICROELEMENT STATUS FOR THE DEVELOPMENT OF ATOPIC DERMATITIS IN CHILDREN // SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH ONLINE. - 2022. - S. 447-450.
38. Hikmatovich IN and others. The use of mushrooms in the local treatment of genital herpes // International Journal of Innovative Analysis and Emerging Technologies. - 2021. - T. 1. - no. 5. - S. 231-232.
39. Davlatovich AX, Orifovich SD, Bakhtiyorovich AS. A study of the relationship between the local immune status and the course of burn disease // Central Asian Journal of Medical and Natural Science. - 2022. - T. 3. - no. 5. - S. 679-682.
40. Davlatovich AX DETERMINATION OF THE SENSITIVITY OF A VAGINAL TRICHOMONAD STRAIN TO TRICHOPOL AND CHYMOTRYPSIN // ONLINE SCIENTIFIC JOURNAL OF STABILITY AND LEADING RESEARCH. - 2022. - S. 645-647.
41. Salamova LA and others. Evaluation of the effectiveness of Gepon drug in the treatment of genital warts. - 2021 year.
42. Iskandarovna KM IMMUNOASSAY FORMS OF SYPHILIS //ONLINE SCIENTIFIC JOURNAL OF SUSTAINABILITY AND LEADING RESEARCH. - 2022. - S. 534-536.
43. Iskandarovna KM and others. Evaluation of the quality of treatment and the probability of recurrence of warts in children using Groprenosin // Semantic Internet: Universal Journal of Innovative Education. - 2023. - T. 2. - no. 2. - S. 221-226.

44. Iskandarovna KM and others. Qualitative evaluation of the effectiveness of the drug "Roaccutane" in the treatment of patients with acne // Semantics website: a universal journal of innovative education. - 2023. - T. 2. - no. 2. - S. 241-245.
45. Iskandarovna KM, Dilshodovna AD, Adkhamovna AA Influence of socio-hygienic living conditions on students' health //Central Asian journal of medical and natural sciences. - 2022. - T. 3. - no. 5. - S. 644-646.
46. Iskandarovna KM and others. Comprehensive assessment of the level of somatic health and impairment of adaptive reserves of medical students // Central Asian Journal of Medicine and Natural Sciences. - 2022. - T. 3. - no. 5. - S. 641-643.
47. Iskandarovna KM, Alamovich KA, Rabbimovich NA Treatment of uretrogenic prostatitis associated with chlamydia infection //ONLINE SCIENTIFIC JOURNAL OF EDUCATION AND DEVELOPMENT ANALYSIS. - 2021. - T. 1. - no. 5. - S. 44-46.
48. Iskandarovna KM, Buribaevna IS, Azamovna AN Immunoassay forms of syphilis // ONLINE SCIENTIFIC JOURNAL OF EDUCATION AND DEVELOPMENT ANALYSIS. - 2021. - T. 1. - no. 5. - S. 47-49.
49. Davlatovich AX DETERMINATION OF THE SENSITIVITY OF A VAGINAL TRICHOMONAD STRAIN TO TRICHOPOL AND CHYMOTRYPSIN // ONLINE SCIENTIFIC JOURNAL OF STABILITY AND LEADING RESEARCH. - 2022. - S. 645-647.
50. Abdullaev XD and others. EVALUATION OF EFFICACY OF GEAPON DRUG IN THE TREATMENT OF SEXUAL CANDILLOMA // Web of Scientist: International Scientific Research Journal. - 2021. - T. 1. - no. 02. - S. 16-19.