

Using "Betasalik" Ointment for the Treatment of Chronic Inflammatory and Allergic Skin Conditions

Eshonkulov Sodik Kholikovich

Dermatovenereologist, Samarkand regional branch of the republican specialized Dermatovenereological and Cosmetological scientific and practical medical center

**Toshev Suhrob Uktamjon ugli, Abdullaev Xasan Davlatovich,
Tillakobilov Ismoil Bahodirovich**

Assistant of the Department of Skin and Venereal Diseases, Samarkand State Medical University

Article Information

Received: April 26, 2023

Accepted: May 27, 2023

Published: June 28, 2023

Keywords: *betasalic, treatment, allergic dermatoses.*

ABSTRACT

Treating skin conditions such as psoriasis, lichen planus, and atopic dermatitis presents a challenge due to their wide prevalence, uncertain causes, incomplete understanding of their pathogenesis, and lack of effective treatment methods. Psoriasis, which affects 1% to 3% of the global population, is a reoccurring dermatosis caused by genetic abnormalities in intracellular substance exchange leading to the accelerated proliferation and reduced differentiation of keratinocytes, as well as immune system dysfunction. This skin condition is particularly difficult to treat due to its complex nature. Common and verrucous forms of flat red lichen have become more prevalent in the past decade and have proven to be challenging to treat. Atopic dermatitis, which frequently occurs among children and often includes severe and refractory cases, highlights the need for better treatment methods for this condition.

Introduction: Important component integrated treatment sick chronic inflammatory And allergic dermatoses is outdoor therapy. IN over the past 30 years, corticosteroids have become the leading drugs for topical treatment. hormones used in various dosage forms of external therapy (aerosols, lotions, creams, ointments). Especially popular among dermatovenereologists and general practitioners practice has been the use of combined glucocorticosteroid drugs for outdoor applications V combined With salicylic acid antimycotics And antibacterial drugs [2, 3, 4]. Most famous hormonal an external preparation containing keratolytics is diprosalic, produced firm "Shering-Plough" (USA) V form lotion And ointments. This a drug contains betamethasone dipropionate (0.05%) and salicylic acid (3% in ointment and 2% in lotion). He found application V treatment sick widespread psoriasis With persistent, extensive plaque eruptions, atopic dermatitis with foci lichenification; lichen planus with profuse papular and verrucous rashes; chronic eczema, lupus erythematosus, ichthyosiform dermatoses[3].

IN the present time V pharmacy along with With presence brand "Diprosalik" available And generic ointment "Betasalik", production firms

"Arterium", which contains those same concentration betamethasone dipropionate And salicylic acids. Betamethasone dipropionate is yourself synthetic corticosteroid With pronounced antiallergic, anti- inflammatory And antipruritic effect. Salicylic acid contained V optimal

concentration, it softens and removes dry scaly formations in old psoriatic plaques promotes maximum penetration betamethasone into the underlying layers of the epidermis and into the dermis, promotes recovery protective sour environments surfaces skin And has bacterio- And fungistaticaction [3]. Ointment "Betasalik" recommended For treatment psoriase, eczema, atopic dermatitis, red lupus, red flat lichen And others dermatoses With keratinization disorders.

Aim: of this report is to evaluate the clinical efficacy of the use ointments "Betasalik" V treatment psoriasis, red flat lichen And atopic dermatitis, to give a comparative clinical and pharmaco-economic evaluation of the treatment sick psoriasis diprosalic ointment and ointment betasalik.

Materials And methods: Under our observation were 42 sick, receiving along with With conventional therapy local treatment with Betasalik ointment, including 27 patients psoriasis, 8 patients with atopic dermatitis and 7 patients with lichen planus; A Also 26 sick psoriasis receiving local treatment ointment "Diprosalik". Patients with psoriasis" (29 husband and 19 women) were aged 19 to 63 years, patients red flat deprive (2 men And 5 women) V age 24-47 years, sick atopic dermatitis (3 men and 5 women) in age from 17 to 33 years old.

All patients with psoriasis had a stationary stage of the disease, the process was widespread And appeared plentiful papular rash on skin torso And extremities, infiltrated plaques of large sizes, covered with abundant, easily removable whitish scales. Eight patients of the first group and 9 sick control groups complained on cutaneous itching. IN experimental And control group patients with psoriasis were not included with profuse eruptions hairy parts heads. Sick suffered psoriasis from 3 before 21 of the year. Along With applique ointments "Diprosalik" or "Betasalik" 2 times V day sick received generally accepted systemic therapy (vitamins At₁, At₆, At₁₂, RR, aevit or antioxidant complex, hepatoprotector Essentiale forte, extract root valerian or Markov's mixture, general ultraviolet irradiation with suberythematous doses - 10-15 sessions).

5 out of 7 patients with lichen planus had verrucous papules on the skin shins, at majority sick had abundant papular rash on skin flexor surface of the forearms, rear of the hands, skin of the trunk and abdomen, lower limbs. Papules polygonal shape, various sizes, mostly up to 1.5 cm in diameter, lilac in color with a pronounced brilliance in side lighting. All patients complained of intense skin itching in the area of the rash. All patients were diagnosed was confirmed histologically. The duration of the disease ranged from 5 months to 3.5 years. Ointment "Betasalik" was rubbed into the area of rashes, and with verrucous form, depriving the ointment was applied to the shins under an occlusive bandage at night for the first 7-8 days, and in the morning rashes smeared With easy rubbing. IN further lubrication continued more from 7 before 10 days And longer. General therapy included appointment plaquenil or delagil 1 tablet 2 times a day for 10 days, after 5 days was held second similar well drug; xanthinol nicotinate or pentoxifylline, multivitamin complexes With trace elements (duovit or oligovit, or Unicap M).

prescription diseases atopic dermatitis hesitated from 14 before thirty years. At all 8 sick itchy rashes occupied large area, moreover They localized not only in typical places - the back of the neck, elbow and popliteal folds, wrists, but also on the skin of the lateral surfaces of the trunk, abdomen, and lower extremities. There were plots With pronounced infiltration And lichenification. At 2 sick noted phenomena eczematization. Ointment "Betasalik" applied on plots lichenification V form occlusal bandages on plots lichenification In the evening V for 6-8 days, and in the morning a simple lubrication of the rashes with an ointment with a slight massage. Later 6-8 days local treatment ointment "Betasalik" V form lubrication continued twice V day V flow 8-12 days. Naturally, What All sick atopic dermatitis received And general treatment: intravenous injections sodium thiosulfate or calcium gluconate, % of patients received 4-6 intravenous neorondex infusions (400 ml) with 5 ml of 2% solution of pentoxifylline, antihistamines drugs, potion Markova or extract root valerian, immunal And others

Results And discussion: At sick psoriasis receiving local treatment ointment "Betasalik", the disappearance of pruritus was recorded after 5-8 days (average 7.0 + 1.8 days), decrease hyperemia And infiltration V areas rashes on 8th-11th day (V average 9.7 + 2.1). Gradually observed flattening major papules And plaques appearance ring-shaped figures and the formation of pseudo-atrophic Raven's headband. Back to top fourth weeks (on 23rd day) treatment at 15 sick from 27 (55.6 %) noted clinical recovery, at 8 sick - significant improvement (29.6 %), at 4 (14.8 %) - improvement. Treatment ointment betasalik All sick endured satisfactorily. Ten patients continued to apply betasalik ointment. for another 7-14 days, but complete permission papular rashes managed reach only at 5, at the rest 5 patients remained moderately infiltrated separate "on duty" plaques.

Local treatment ointment "Diprosalik", carried out at 26 sick psoriasis showed that the cessation of itching occurred after 3-7 days (average 5.6 + 1.5 days), reduction of hyperemia and infiltration in the area of rashes on the 6-10th day (on average 8.1 + 1.9). By the 23rd day of treatment, clinical recovery was noted in 17 (65.4%) of 26 patients. significant improvement - in 8 (30.8%), improvement in 1 patient. Comparison of clinical effectiveness of treatment methods using Betasalik or Diprosalik ointment showed quite comparable results With some advantage original drug "Diprosalik", But differences V speed permissions major clinical signs psoriasis was statistically unreliable ($R > 0.1$). On well treatment 1 sick psoriasis V average was leaving 92.3 + 7.8 G ointments "Betasalik" And 75.5 + 8.4 G ointments

"Deeprasalik".

Comprehensive treatment sick red flat deprive With using ointments

"Betasalik" For outdoor therapy allowed decrease itching on 3rd-5th day, infiltration of papules - on the 7-10th day. Clinical resolution of papular elements achieved on 18th-23rd at 3 from 7 sick red flat deprive, significant clinical improvement - at 3 patients improvement - at 1.

Application ointments "Betasalik" at sick atopic dermatitis on background commonly used general treatment led to a reduction in pruritus and erythema in the lesions inflammation already on 3-5th day. Decrease lichenification And hyperkeratosis was observed on the 7-10th day of local treatment. Itching and peeling stopped on the 6-8th day of treatment. Complete clinical remission achieved on the 18-24th day of treatment in 5 out of 8 observed sick atopic dermatitis, significant clinical improvement - at 3.

We do not have any adverse reactions and complications during treatment with Betasalik ointment. watched. Patients noted good tolerability of the drug. Dynamic evaluation results of clinical laboratory tests of blood and urine in patients treated with local treatment ointment "Betasalik", Not revealed deviations from normal values.

Conclusions: Thus, Betasalik ointment containing a synthetic corticosteroid hormone betamethasone dipropionate And salicylic acid, is efficient medicinal means outdoor therapy sick psoriasis red flat deprive and atopic dermatitis. Maybe recommended for use in stationary, So and in outpatient conditions.

Literature

1. Toshev S. U. THE USE OF ADVANTAN IN THE LOCAL TREATMENT OF GENITAL HERPES //Asian journal of pharmaceutical and biological research. – 2022. – T. 11. – №. 2.
2. Uktamovich T. S., Fakhridinovich F. K. Effectiveness of the Treatment of Limited Scleroderma //Central Asian Journal of Medical and Natural Science. – 2022. – T. 3. – №. 5. – C. 650-652.
3. Uktamovich T. S., Umedovich S. U. Effectiveness of Treatment of Testicular Torsion //Central Asian Journal of Medical and Natural Science. – 2022. – T. 3. – №. 5. – C. 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 Mucosus 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 МАЗЫКУРАЛИМУС ПРИ ЛЕЧЕНИИ КРАСНОГО ПЛОСКОГО ЛИШАЯ //BARQARORLIK VA YETAKSHI TADQIQOTLAR ONLAYN ILMIIY 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 иппп //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. Толибов М. М. СОВРЕМЕННОЕ СОСТОЯНИЕ ПРОБЛЕМ ЭПИДЕМИОЛОГИИ, МИКРОБИОЛОГИИ И ТЕРАПИИ АКНЕ (ОБЗОР ЛИТЕРАТУРЫ) //SCIENTIFIC APPROACH TO THE MODERN EDUCATION SYSTEM. – 2023. – Т. 2. – №. 14. – С. 215-224.
 17. Мансур Т. М., Вохидов Ж. Ж. ОПТИМИЗАЦИЯ СОВРЕМЕННЫХ МЕТОДОВ ЛЕЧЕНИЯ ДИФФУЗНОЙ АЛОПЕЦИИ //SCIENTIFIC APPROACH TO THE MODERN EDUCATION SYSTEM. – 2023. – Т. 2. – №. 14. – С. 200-214.
 18. Толибов М. М. и др. ОПТИМИЗАЦИЯ К ЛЕЧЕНИЮ ТЯЖЕЛЫХ ОБОЖЖЕННЫХ

- БОЛЬНЫХ //SCIENTIFIC APPROACH TO THE MODERN EDUCATION SYSTEM. – 2023. – Т. 2. – №. 14. – С. 190-199.
19. Abdullaev X. D. et al. EVALUATION OF THE EFFECTIVENESS OF THE DRUG GEPON IN THE TREATMENT OF GENITAL CANDYLOMAS //Web of Scientist: International Scientific Research Journal. – 2021. – Т. 1. – №. 02. – С. 16-19.
20. Абдуллаев Х. Д. и др. Определение цитокинового статуса у больных с псориазом на фоне стандартного лечения //Общество и инновации. – 2020. – Т. 1. – №. 1/S. – С. 625-629.
21. Ахмедова М. М., Абдуллаев Х. Д., Камолова М. И. ОЦЕНКА ЭФФЕКТИВНОСТИ МЕТОДОВ ЛЕЧЕНИЯ ОНИХОМИКОЗОВ У ВЗРОСЛЫХ //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIIY JURNALI. – 2022. – Т. 2. – №. 3. – С. 186-190.
22. Тошев С. У., Аширов З. Ф., Абдуллаев Х. Д. ЛЕЧЕНИЕ ВИТИЛИГО 308-нм ЭКСИМЕРНЫМ ЛАЗЕРОМ //Актуальные аспекты медицинской деятельности. – 2021. – С. 240-243.
23. Davlatovich A. X., Xaydarjonovna X. S., Raximjon N. S. JYBYK BILAN BO'LGAN PROSTATITNI DAVOLASH USULINI TAKOMILLASHTIRISH //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIIY JURNALI. – 2022. – С. 359-361.
24. Ахмедова М., Расулова Н., Абдуллаев Х. Изучение парциальных функций почек у детей раннего возраста с нефропатией обменного генеза //Журнал проблемы биологии и медицины. – 2016. – №. 2 (87). – С. 37-40.
25. Нарзикулов Р. и др. Принципы терапии у женщин больных гонореей ассоциированные иппп //Журнал вестник врача. – 2019. – Т. 1. – №. 1. – С. 99-102.
26. Нуруллаева А. А., Рахматова А. Х., Абдуллаев Х. Д. ЗНАЧЕНИЕ МИКРОБНОГО ОБСЕМЕНЕНИЯ КОЖИ ПРИ НЕКОТОРЫХ ЗУДЯЩИХ ДЕРМАТОЗАХ //Молодежь и медицинская наука в XXI веке. – 2019. – С. 125-125.
27. Abdullaev X. D. et al. EXPERIENCE OF USING THE DRUG GEPON IN THE TREATMENT OF PATIENTS FOCAL SCLERODERMA //ResearchJet Journal of Analysis and Inventions. – 2021. – Т. 2. – №. 03. – С. 60-63.
28. Абдуллаев Х. Д., Собиров М. С., Жумаева Д. Х. НЕРВНО-ПСИХИЧЕСКИЙ СТАТУС У БОЛЬНЫХ СЕБОРЕЕЙ //Молодежь и медицинская наука в XXI веке. – 2018. – С. 115-116.
29. Ахмедов Ш. К. и др. ЭФФЕКТИВНОСТЬ ЛЕЧЕНИЯ ИЗОТРЕТИНОИНА ПРИ ЛЕЧЕНИИ УГРЕВОЙ БОЛЕЗНИ //Академический журнал Западной Сибири. – 2015. – Т. 11. – №. 1. – С. 56-56.
30. Абдуллаев Х., Толибов М. Allergodermatozlar bilan bog'liq bo'lgan vulgar asneni kompleks davolash Samaraligini o'rganish //Журнал гепато-гастроэнтерологических исследований. – 2021. – Т. 2. – №. 3.2. – С. 73-74.
31. Davlatovich A. X., O'gli A. B. X., O'gli I. A. S. BOLALARDA GENITAL GERPESNI DAVOLASH SAMARADORLIGINI VAHOLASH //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIIY JURNALI. – 2022. – С. 367-369.
32. Абдуллаев Х. Д. и др. ЛАЗЕР В ЛЕЧЕНИИ ВИТИЛИГО //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIIY JURNALI. – 2022. – С. 495-500.

33. Xolmurodovich D. J., Umidovich N. T., Davlatovich A. X. CLINIC COURSE OF NONSPECIFIC PNEUMONIA //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 510-513.
34. Davlatovich A. X. et al. USING IMMUNOMAX AND 0.1% TACROLIMUS OINTMENT IN THE TREATMENT OF VITILIGO //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 559-562.
35. Davlatovich A. X. et al. EVALUATION OF THE GENERAL SOMATIC STATUS OF PATIENTS WITH VITILIGO BASED ON THE DETERMINATION OF THE CONTENT OF NATURAL ANTIBODIES TO VARIOUS ORGANIS AND TISSUES OF THE BODY //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 472-476.
36. Davlatovich A. X. DETERMINATION OF GENE ACTIVITY IN VITILIGO PATIENTS //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 451-454.
37. Xolmurodovich D. J., Orifovich R. S., Davlatovich A. X. FEATURES OF THE MICROELEMENT STATUS FOR THE DEVELOPMENT OF ATOPIC DERMATITIS IN CHILDREN //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 447-450.
38. Hikmatovich I. N. et al. The use of Fungite in the Local Treatment of Genital Herpes //International Journal of Innovative Analyses and Emerging Technology. – 2021. – T. 1. – №. 5. – C. 231-232.
39. Davlatovich A. X., Orifovich S. D., Baxtiyorovich A. S. Studying the Relationship of Local Immune Status and the Course of Burn Disease //Central Asian Journal of Medical and Natural Science. – 2022. – T. 3. – №. 5. – C. 679-682.
40. Davlatovich A. X. VAGINAL TRIXOMONADLAR SHTAMMASINI TRIXOPOLGA VA XIMOTRIPSIN BILAN BILAN SEZGICHLIGINI ANIQLASH //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 645-647.
41. Salamova L. A. et al. Evaluation of the effectiveness of the drug gepon in the treatment of genital candylomas. – 2021.
42. Iskandarovna K. M. SIFILISNING IMMUNOASSAY SHAKLLARI //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 534-536.
43. Iskandarovna K. M. et al. Assessment of the Quality of the Treatment and the Probability of Recurrence of Warts in Children Using Groprenosin //Web of Semantic: Universal Journal on Innovative Education. – 2023. – T. 2. – №. 2. – C. 221-226.
44. Iskandarovna K. M. et al. Quality Evaluation of the Efficiency of the Drug" Roaccutan" in the Treatment of Patients with Acne //Web of Semantic: Universal Journal on Innovative Education. – 2023. – T. 2. – №. 2. – C. 241-245.
45. Iskandarovna K. M., Dilshodovna A. D., Adxamovna A. A. Impact of Socio-Hygienic Conditions of Life on the Health of Students //Central Asian Journal of Medical and Natural Science. – 2022. – T. 3. – №. 5. – C. 644-646.
46. Iskandarovna K. M. et al. Comprehensive Assessment of the Levels of Somatic Health and Disturbances of Adaptation Reserves in Medical Students //Central Asian Journal of Medical and Natural Science. – 2022. – T. 3. – №. 5. – C. 641-643.

47. Iskandarovna K. M., Alamovich K. A., Rabbimovich N. A. Treatment of Urethrogenic Prostatitis Associated with Chlamydia Infection //TA'LIM VA RIVOJLANISH TAHLILI ONLAYN ILMIY JURNALI. – 2021. – T. 1. – №. 5. – C. 44-46.
48. Iskandarovna K. M., Buribaevna I. S., Azamovna A. N. Immunoassay Forms of Syphilis //TA'LIM VA RIVOJLANISH TAHLILI ONLAYN ILMIY JURNALI. – 2021. – T. 1. – №. 5. – C. 47-49.
49. Davlatovich A. X. VAGINAL TRIXOMONADLAR SHTAMMASINI TRIXOPOLGA VA XIMOTRIPSIN BILAN BILAN SEZGICHLIGINI ANIQLASH //BARQARORLIK VA YETAKCHI TADQIQOTLAR ONLAYN ILMIY JURNALI. – 2022. – C. 645-647.
50. Abdullaev X. D. et al. EVALUATION OF THE EFFECTIVENESS OF THE DRUG GEPON IN THE TREATMENT OF GENITAL CANDYLOMAS //Web of Scientist: International Scientific Research Journal. – 2021. – T. 1. – №. 02. – C. 16-19.