
Subject: ??? studien gesucht zu azelainsäure und sebumsupression!!!

Posted by [kkoo](#) on Thu, 08 Jun 2006 16:42:37 GMT

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die erste hier, gibt nicht mal ein abstract im netz, bei der zweiten ein abstract...

1. Gassmueller H, Graupe K, Orfanos CE. Related Articles, Links

Azelaic acid and sebum excretion rate.

Br J Dermatol. 1985 Dec;113(6):800-2. No abstract available.

PMID: 2937439 [PubMed - indexed for MEDLINE]

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2. Acta Derm Venereol Suppl (Stockh). 1989;143:20-30. Related Articles, Links

Effects of azelaic acid on sebaceous gland, sebum excretion rate and keratinization pattern in human skin. An in vivo and in vitro study.

Mayer-da-Silva A, Gollnick H, Detmar M, Gassmuller J, Parry A, Muller R, Orfanos CE.

Department of Dermatology, University Medical Center Steglitz, Free University of Berlin.

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ich will das nur mal für die zukunft in erwägung ziehen, wg. SE in verb. mit HA der kopfhaut.
die studie:

"Comparison of azelaic acid and anthralin for the therapy of patchy alopecia areata: a pilot study."

klingt allgemein positiv bei anwendung von azelains. auf dem kopf...

Subject: mmh, azelainsäure bringt auch keine sebumsupression

Posted by [kkoo](#) on Thu, 08 Jun 2006 17:05:50 GMT

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mmh, azelainsäure bringt auch keine sebumsupression, sch***e.

Acta Derm Venereol Suppl (Stockh). 1989;143:20-30. Related Articles, Links

Effects of azelaic acid on sebaceous gland, sebum excretion rate and keratinization pattern in human skin. An in vivo and in vitro study.

Mayer-da-Silva A, Gollnick H, Detmar M, Gassmuller J, Parry A, Muller R, Orfanos CE.

Department of Dermatology, University Medical Center Steglitz, Free University of Berlin.

The effects of azelaic acid (AZA) on the epidermis of 47 individuals (12 with normal skin, 15 with seborrheic skin and 20 suffering from acne) and on in vitro cultured keratinocytes are reported. Topical application of a 20% AZA cream significantly improved the lesions of acne patients, but

failed to induce clinically detectable changes in normal or seborrheic epidermis. Complementary investigations clearly showed that AZA treatment failed to induce specific changes in sebum composition, excretion rate, or in the size of sebaceous glands, but modified epidermal keratinization. Keratohyalin granules and tonofilament bundles were reduced in size and number, mitochondria were swollen and the rough endoplasmic reticulum of malpighian keratinocytes enlarged. The infundibular epidermis of acne individuals showed marked reduction of the horny layer thickness, widening of the horny cell cytoplasm, transitional corneal cells, normalization of filaggrin distribution, and the comedo contained few bacteria and spores. In vitro, AZA exerted marked time- and dose-dependent antiproliferative cytostatic effects on cultured keratinocytes, with a 50% inhibitory dose of 20 mM, decreased some keratinocyte proteins (highly soluble fractions S2, keratohyalin macroaggregate R2, and non-cross-linked fibrous protein S4) and a 95 kD and a 35 kD protein of the cytosolic fraction. Mitochondria were frequently damaged and the rough endoplasmic reticulum enlarged. Our results indicate that AZA is an antikeratinizing agent, displaying antiproliferative cytostatic effects on keratinocytes and modulating the early and terminal phases of epidermal differentiation.

Subject: Re: mmh, azelainsäure bringt auch keine sebumsupression
Posted by [coolman](#) on Thu, 08 Jun 2006 22:14:58 GMT
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Hab mal für den T-Bereich Skinoren 15% probiert!
Wie die Studie schon sagt - kein Erfolg, die Haut blieb weiterhin ölig.

Im alten Forum hatte mal ein User von einer Haartinktur mit Azelainsäure gesprochen, die er mit seiner Hautärztin zusammengestellt hatte.
Aber außer mehr HA auch kein Ergebnis.

LG

Subject: Re: mmh, azelainsäure bringt auch keine sebumsupression
Posted by [kkoo](#) on Thu, 08 Jun 2006 22:47:00 GMT
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coolman schrieb am Fre, 09 Juni 2006 00:14 Hab mal für den T-Bereich Skinoren 15% probiert!
Wie die Studie schon sagt - kein Erfolg, die Haut blieb weiterhin ölig.

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Aber außer mehr HA auch kein Ergebnis.

LG

ist aber auch dämlich; zumal eine seborrhoische haut bis zu 30 % mehr T>DHT metabolisiert.

Subject: Re: mmh, azelainsäure bringt auch keine sebumsupression

Posted by [kkoo](#) on Sat, 10 Jun 2006 17:24:15 GMT

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komisch, da scheint es doch das sebum zu reduzieren, oder es ist nur das ethyl salicylate...

TU-2100 - A Novel Topical Sebostatic Preparation

Tamarkin Pharmaceutical Innovation (2 February 2000)

Author: Dov Tamarkin, Ph.D.

There is currently no topical therapy to influence the production of sebum and thus, the treatment of oily skin and seborrhea still remains an unmet need. TU-2100 is a novel pro-drug, composed of azelaic acid and ethyl salicylate, which was designed to penetrate the pilosebaceous unit and control sebum production. In effort to test the safety and efficacy of this agent, TU-2100 10% lotion was applied twice daily for 8 weeks to the face of ten women with oily skin. Sebum excretion rates declined by 30-44%, reaching normal levels within 8 weeks of treatment in all study volunteers. Notably, neither skin irritation, nor systemic adverse reactions were noted throughout the study. Hence, TU-2100 is an effective sebum control agent, making it a useful treatment for oily skin and seborrhea. Moreover, due to its combined sebostatic and comedolytic properties, TU-2100 is also effective treatment for acne, as revealed in our subsequent trials.
