

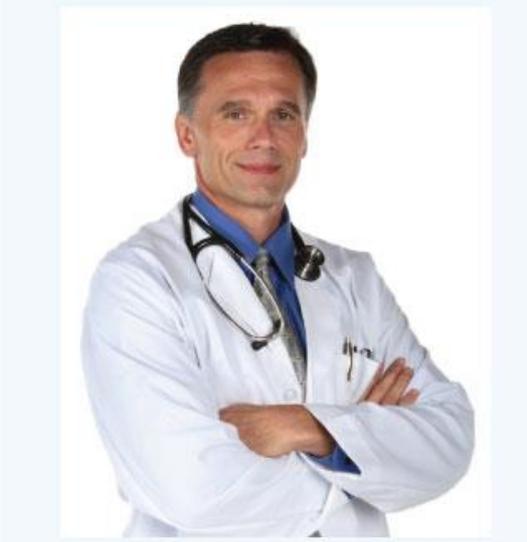
29 **NEXENTURY**

Interleukin-2
+
Pyridoxine



Clinical study

Efficacies of 29NEXENTURY's Interleukins-2 + Pyridoxine in Skin Whitening

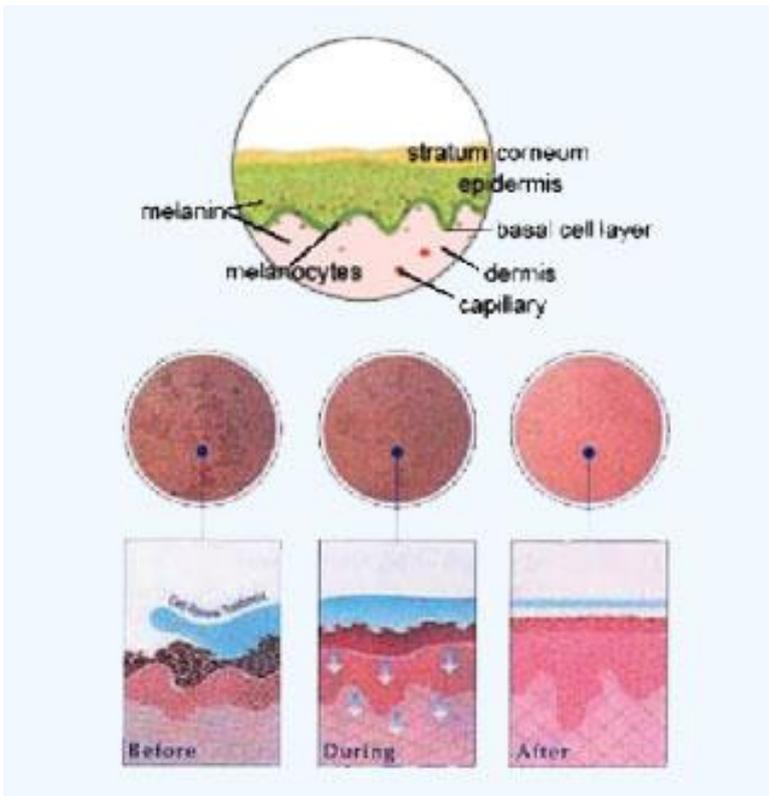


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Introduction

Interleukins-2 is a lymphatic factor which activates T-Cells, NK cells and lymphocytes, to increase the proliferation and potency of Natural Killer Cells. It also stimulates the secretion of antibodies and interferons, hence is a powerful antiviral, depigmentation and immune strengthening factors. No abnormalities are observed in long term usage in animal studies, from testing of blood, urine, circulatory or pathological inspections.

Pyridoxine is comprised of certain co-enzymes in the body and participates in many metabolic processes, it is especially related to the synthesis of amino acids. Pyridoxine deficiency will lead to impairment of skin, central nervous system and hematopoietic mechanism. Pyridoxine also takes part in the synthesis of neurotransmitters, myeline sheath, hemoglobin, steroids and nucleic acid.



Details

Varied skin tones are due to the amount of melanin in the skin. Melanin a pigment which is secreted by Melanocyte (as illustrated in the right diagram). The secretion of melanin is increased when melanocytes are stimulated by tyrosinase.



Greek medical literature recorded an incidence where Interleukins-2 + Pyridoxine administered to a drowned African child who suffered from severe liver infection. The incidence revealed that combination of Interleukins-2 + Pyridoxine is not only hepato-protective but also superior in skin whitening.

This study is conducted based on the accidental discovery of skin whitening effects of "Interleukins-2 + Pyridoxine", to study the possibility for the above combination to inhibit tyrosinase's activities, hence leading to skin whitening. This study shall take 40 days, involving 30 subjects of varying ethnicity, having skin tone problems of different etiologies (e.g. aging spot, freckles, pigmentation, dark skin tones due to sun exposure or hereditary factor and etc).

Every subject will be treated with 18 vials of "Interleukins-2 + Pyridoxine" within 30 days. Comparisons are made from pictures taken before and after the treatment. The following results must be achieved to certify the efficacies of the above combination:

Results:

Efficacies of "Interleukins-2 + Pyridoxine" is observed after the 6th treatment, where tyrosinase actions are inhibited, synthesis of melanin is reduced, give rise to lighter skin tone. Apart from this, the above combinations have also increased the synthesis of other skin matrices, leading to finer and smoother skin. As the treatment continues to the 10th treatment, melanin synthesis reduced considerably with improved blood circulation to the skin, rendering the white and pinkish skin complexion in all subjects. At the end of the treatment with the 18th treatment, melanin has been eliminated completely in all subjects. The following is pathological slide of one of the subject, which is a typical post-treatment results happened in other subjects:



In general, all subjects have smooth and white skin after 18th treatment. All subjects are observed for another 22 days after the 18th treatment and it is observed that melanin continues to reduce, making the skin continue to become whiter even after completion of treatment.



Conclusion:

"Interleukins-2 + Pyridoxine" by 29NEXENTURY have exhibited excellent depigmentation clinically and is indicated towards skin tone disorders of various etiologies. Efficacies are observed to be in stages, where stage 1 begins after the 6th treatment, characterized as finer and smoother skin texture. Stage 2 starts from the 10th treatment, with decreased melanin and improved blood circulation, skin become much fairer with pinkish complexion. Stage 3 is when the treatment is completed with the 18th treatment, where the skin become fair and radiant and continue to become fairer even after stopping the treatment for a period of time.

As this study involves subjects of different ethnics, with the identical, typical results, it is concluded that "Interleukins-2 +

Pyridoxine" has broken the belief that skin tone is heritage and cannot be changed. As with this product, even the hereditary dark skin African subjects can have fairer skin after the treatments.