

Dermatitis Skin Disorders Treated with Phyto Embryo Extracts of Cedrus Libani A. Rich: Clinical Analysis of 5 Case Reports

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Abstract

The aim of present study is to evaluate the activity of Phyto embryo extracts of Cedrus libani A. Rich in integrated medicine to treat and to prevent some forms of dermatitis diseases. In Phytembryotherapy Cedrus libani is considered an excellent skin protector orally used in skin disorder's treatment. It was administrated a commercial Phyto embryo extract of Cedrus libani. Patients were monitored for 3 months. They were divided in two groups: 3 children (A, B, C) and 2 adults (D, E). Dosages were different in two groups: 5 drops in the morning for two weeks and two weeks of pause in children and 7 drops in the morning and 7 drops in the evening for 3 weeks and one week of pause in adults. Drops have been diluted in a small part of water. Moreover we continued the follow-up for other 12 months to verify the appearance of skin disorders relapses. Pruritus, dry and redness skin are disappeared in many part of the body. There are disappearance of itchy sensation and an improvement of symptoms of psoriatic skin. During the follow-up there are no skin disorder relapses. Before this clinical approach, patients did not resolve their dermatitis diseases. The combination with Phyto embryo extract of Cedrus libani could stimulate the organism about a mechanism similar to self-healing. On the basis of described studies in this article, "Cedro del Libano fee" could be considered an important clinical remedy to resolve forms of dermatitis.

Keywords: Phyto embryo extracts • Atopic dermatitis • Psoriatic skin • Case reports

Introduction

Phytembriotherapy is a part of Phytotherapy primarily based on the oral somministration of extracts of buds and plant meristematic tissues. Phytembriotherapy was born in 1959 when the famous Belgian physician Pol Henry saw a natural correlation between plant embryonic cells and human proteins using electrophoretic studies. Indeed in many diseases, there is an unbalanced ratio of protein's blood concentration especially of albumin and globulin. A plant has the ability to change and work out the soil and its composition, so plants can act in "human soil" with important and precise therapeutic results.

In some scientific studies, meristematic tissue of Cedrus libani extracts are used in the treatment of dry and redness atopic dermatitis, keratosis, skin's itch sometimes also without visible symptoms and like a coadjuvant in chronic mucosites orally.

Cedrus libani extracts and essential oil have many properties: antiviral activity in vitro, antibacterial activity against *Bacillus brevis*, *Bacillus megaterium*, *Bacillus thuringiensis*, *Bacillus cereus*

comparable to amoxicillin in vitro, antispasmodic activity in vivo, anxiolytic activity in vivo, antiulcer activity in vivo antitumoral activity in vitro and in vivo and antileucemic activity in vitro, antimalarial activity in vitro and antimycotic activity in vitro.

Cedrus libani is a montane tree species which is distributed along a wide altitudinal range in the Notheastern Mediterranean Region, currently considered as a potential forest species for Central Europe with respect to climate change.

In Lebanon, Cedrus libani covers only 2000 ha between elevations of 1500 and 1700 m. In Syria, it is widely scattered over 20000 ha. Turkey has the largest area of Cedrus libani with 99000 ha of which 31000 ha are degrades stands. So there is a reforestation of Cedrus libani in Turkey. Indeed Cedrus libani is an evergreen tree that can reach 60 m in height and 3 m of trunk's diameter.

In this study we describe the use of Phytembriotherapy of Cedrus libani in integrated medicine in the treatment and in the prevention of some atopic dermatitis in children and in adults. Integrated medicine is a new form of medicine where conventional medicine and unconventional medicine are in the same plan and together work not

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only for the treatment of a disease in a precise moment, but also cooperate to the regard and the total health of the patient.

Case Representation

In this study it was used the oral somministration of commercial Phyto embryo extract of *Cedrus libani* called "Cedro del Libano fee" produced by the Pharmaceutical Company Cemon. There are some steps to prepare this commercial product:

Fresh embryonic undivided plant tissue slowly stired maceration for 20 days in a ratio 1:20 with a solution compoted by 33% of water, 33% of alcool 96° and 33% of vegetable glycerin.

Afterwards filtration through gravity and pressure extraction without damaging embryonic plant tissues.

Patients were monitorated for three months. They were divided in two groups: in the first group there are three children (patient A: 4 years old; patient B: 5 years and 2 months old; patient C: 5 years and 5 months old); in the second group there are two adults (patient D: 18 years old; patient E: 57 years old).

Patient A: dry, redness and itchy atopic dermatitis in all part of the body. The therapeutic approach consisted in an integration between conventional and unconventional medicine. Indeed patient was treated with cetirizin drops (10 drops in the evening), methyl prednison in cream, topic emollient and "Cedro del Libano fee" (5 drops in the morning in a small part of water for two weeks and pause of other two weeks totally for three months);

Patient B: itchy atopic dermatitis on hands and in lower limbs. The therapeutic approach consisted in using "Cedro del Libano fee" 5 drops in the morning in a small part of water for two weeks and pause of other two weeks totally for three months;

Patient C: itchy back sine materia with also exfoliating dry skin. The therapeutic approach consisted in using "Cedro del Libano fee" 5 drops in the morning in a small part of water for two weeks and pause of other two weeks totally for three months;

Patient D: dry and itchy atopic dermatitis in scalp zone, in under ear region and in nuchal region. The therapeutic approach consisted in integration between conventional and unconventional medicine. Indeed patient was treated with salicylic acid skin topic solution, prednicarbate cream and "Cedro del Libano fee" 7 drops in a small part of water twice in a day for three weeks and pause of one week totally for three months.

Patient E: no itchy psoriatic skin. The therapeutic approach consisted in an integration between conventional and unconventional medicine with clobetasol cream and "Cedro del Libano fee" 7 drops in a small part of water twice in a day for three weeks and pause of one week totally for three months.

Atopic dermatitis is an inflammatory skin disorder characterized by erythema, edema, intense pruritus, exudation, crusting and scaling. Chronic atopic dermatitis is generally thickened, dry and scaly with coarse skin markings (lichenification) and altered pigmentation. Atopic dermatitis affects 2-8% of children. The disease most often begins in infancy, usually during the first 2-3 months of life. Recent studies reported that there is an increase of skin diseases in the world probably for an excessive level of pollutants, especially in

industrial area population. So in our society we need to a new therapy based on the integration between conventional and unconventional medicine where the patient is considered as a person in the center of the therapy to resolve the number increasing of many skin disorder forms. In this study we treated some forms of skin disorders in 3 children and in 2 adults:



Figure 1. Results of atopic dermatitis on patient A after the treatment with "Cedro del Libano fee" in integrated medicine.

Discussion

In both groups there are excellent results to the integrated therapy with Phyto Embryo Extracts of *Cedrus libani*. Indeed, children and adults had an important improvement of their symptomatology and in some cases there was the disappearance of symptoms; moreover after 12 months of follow-up there were no relapses of dermatitis symptoms. This kind of result is very important because using only conventional medicine patients did not resolve their dermatitis diseases finally. Indeed before starting the therapy with "Cedro del Libano fee" skin disorders returned often. This is an important result and so this type of therapy can be used successfully; moreover this method can improve the life style of many patients who suffer many forms of atopic dermatitis usually having unknown aetiology. At the same time Conventional medicine is crucial because can block symptoms in acute phase and can quickly solve itchy sensations. The combination with "Cedro del Libano fee" can help the organism to fight this problem for ever, stimulating a mechanism similar to self-healing. Inside Phyto Embryo Extracts there are many hormonal plant components that balance the homeostatic systems of human cells and tissues restoring their best protein ratio. Independently from this opinion, obtained results demonstrated that the integrated medicine (integration between conventional and unconventional medicine) is one of the possible strategies in the future of modern therapy.

Conclusion

After this study, we see the efficacy of "Cedro del Libano fee" to treat some forms of dermatitis atopic in children and in adults. The results are excellent and can become a good approach to treat some skin disorders in integration between conventional and unconventional medicine. However, further studies are necessary to establish the real efficacy for a possible application in the future therapy.

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