

## The Use of Bioptron Hyperlight Therapy in the Treatment of Psoriasis

**Psoriasis** is one of the most prevalent skin disorders in younger adults, affecting more than **100 million people worldwide**. This disease causes the skin to turn into itching scaly patches and can affect almost all areas of the body.

It is a chronic disease, and no cure has been found so far. In order to **deal with the symptoms**, a lot of patients use **creams** containing steroids. However, the use of **steroids can have negative side effects**, such as high blood pressure, sleeping disorders or appetite attacks.

**Bioptron Hyperlight Therapy provides an effective and efficient way of treating psoriasis, without negative side effects.**

In this newsletter, two cases of psoriasis are highlighted, where fantastic results were obtained thanks to the use of Bioptron Hyperlight Therapy.

### Case I

The first case is about a patient from Switzerland, who presented chronic psoriasis symptoms, but from time to time there were severe flare-ups, when the whole back area was affected.

During the last cycle, the patient **treated herself with Bioptron Pro1**. Bioptron was used as a monotherapy (no other treatment was applied), once a day at a 10 cm distance for 60 minutes, in 10-minute treatments on 6 areas - in order to cover the whole surface of the back.

As presented in Image 1, before the treatment with Bioptron Hyperlight Therapy, the whole surface of her back was covered with red patches (Image 1A). Moreover, there were pustules on the skin and it was very rough.

After 9 days (Image 1D) of Bioptron Hyperlight Therapy treatment, the red patches turned into milder pink, which was a marker of inflammation decrease. The number of pustules was highly reduced and the skin was smoother. After additional 6 days of Therapy (Image 1F), the redness further decreased, while the pustules almost disappeared.

**After 17 days in total** (Image 1G), the patient's back **has recovered drastically**. The redness almost completely vanished, there are no pustules, and the repaired skin is smooth and without inflammation.



Start of treatment



3 days of treatment



6 days of treatment



9 days of treatment



12 days of treatment



15 days of treatment



17 days of treatment

**Image 1: Course of the psoriasis on the patient's back.**

## Case II

In the second case, another patient from Switzerland suffered from **psoriasis on her hand and feet**, manifested in a very dry, reddish and even peeling skin.

Bioptron Hyperlight Therapy was used in combination with cortisone cream and baths to calm the itching. **Bioptron Hyperlight Therapy treatments were done once per day, for 10 minutes on each affected area:** the back of the left hand, the back of the right hand, the palm of the left hand, the palm of the right hand, the sole of the left foot and the sole of the right foot.

Images 2A and 2B represent the hands of the patient **before Bioptron Hyperlight Therapy**. The whole hand is very **dry and rough** and the skin of the palm is **peeling**. The patient also remarked that the skin underneath such patches was very sensitive and painful to the touch.

Images 2C and 2D show the **hands after the entire treatment**. The palms of her hands are very **smooth, no peeling is observed anymore**. Also, the back of her hands is no longer dry and rough, but soft and vivid.



**Image 2: Psoriasis symptoms on hands before and after Bioptron Light Therapy.**



As for the feet, the start of the therapy is displayed in Image 3. The right foot (Image 3A) was peeling on the big toe and the sole. Also, the pad of the foot is very dry. The left foot (Image 3B) is peeling at the side of the foot and the skin is very dry. Also, the upper surface of the feet is peeling and the skin is red (Images 3C and 3D).

After the therapy, both feet improved drastically (see Images 3E to 3H). The soles **of the feet are very smooth**, the skin is not peeling anymore (Images 3E and 3F). Moreover, the surface of the feet has changed from reddish and peeling into **smooth and shining skin**. Furthermore, the feet are no longer inflamed and the swelling has disappeared (Figure 3G and 3H).



**Image 3: Psoriasis symptoms on the feet before and after Bioptron Light Therapy.**

These two cases impressively show the **potential of Bioptron Hyperlight Therapy for treating psoriasis without having to worry about negative side effects.**