

# Medical Solutions for Hair Loss

**Specialized treatments** for hair strengthening



## PRP (Platelet Rich Plasma):

Hair loss treatment using the method of autologous tissue revitalization & regeneration through platelet-rich plasma

**Bergmann Kord** implements the **PRP (Platelet Rich Plasma)** hair loss treatment, which is an innovative method for the treatment of male & female hair loss. PRP is based on platelet rich plasma, and enriched in platelets portion of blood that is easily extracted after a special treatment of a small blood sample. Its direct injection into the area affected by hair loss is a highly effective treatment as well as hair transplant enhancing treatment, since it takes advantage of the various growth factors that platelets contain, which promote cell proliferation and tissue regeneration.

### The role of Growth Factors in hair loss treatment

**Growth Factors** are special proteins that are produced by certain cells in our body and activate the repair of tissues that do not operate properly or have been damaged, by developing regenerating and revitalizing action. This is achieved through the reactivation of the weak adult stem cells and the proliferation and regeneration of the cells of the concerned area.

Based on the fact that platelets contain various growth factors, through the **PRP** therapy the concentration of growth factors is increased, and thus a profound number of adult stem cells are reactivated. They then give the appropriate signals to the concerned area to start functioning again and as a result, the self-repair of the disorders is achieved in less time and with far more effectiveness.

## PRP protocol at Bergmann Kord



**PRP** treatment is implemented under strict specifications of hygiene & safety by the specialized physicians and biologists-biochemists of **Bergmann Kord** in accordance with the following protocol:

- 1. Blood collection (like a general blood test) up to 50cc
- 2. Blood centrifugation in order to separate and extract the plasma as well as the platelets
- 3. Infusion of the multi-potent platelet-rich plasma into the area affected by hair loss (topical anesthesia has been previously performed)

## **Iontophoresis:** A new way of administering medication for treatment of hair loss

Iontophoresis is approved by the FDA (US Food and Drug Administration). Essentially it involves the active transdermal delivery of drugs or treatments with the help of electricity. A prerequisite is that the treatment is water-soluble and includes positive or negative ions.

lons are atoms with a positive or negative charge resulting from a loss or gain of one or more electrons. "Phoresis" means transportation. Iontophoresis, therefore, is the transport of ions

This innovative and totally painless technique is utilized by the new exclusive partnership of the Bergmann Kord scientific center with the Dermatology Clinic of Dr. Fabio Rinaldi in Milan, a Clinic that is globally recognized concerning issues of the scalp.

## **Results** of the **PRP** hair loss treatment

The results of the **PRP** hair loss treatment range from satisfying to impressive, and are dependent mainly on the individual organism, the type and degree of hair loss as well the protocol used.



Microscopic Hair and Scalp Analysis result before (left) and 3 months later (right)





## volumed®

### **Volumed®** hair loss treatments in combination with **PRP**

The effectiveness of the **PRP** treatment is better retained and enhanced when combined with the Volumed and Soft Laser treatments by **Bergmann Kord**.

## **Volu**med Regimen

**Volu**med products are a result of many years of research by the Bergmann laboratories in Germany. They are dermatologically tested and have no side effects. In addition, they are approved by the Greek National Organization for Medicines. **Bergmann Kord** products can provide reliable scientific care, based on hair's real needs, in order to ensure maximum individualized care.

### **Soft Laser**



In parallel to the Volumed regimen, the supplementary operation of Soft Laser ensures extensive therapeutic action and optimizes effectiveness. It is used in preventive hair loss treatments as well as in cases of advanced hair loss. Soft Laser is totally safe and has no side effects. The laser beam operates mechanically: It supplies the scalp with energy that is being transformed into chemicals at a deeper cellular level in the organism. The use of Soft Laser stimulates and boosts microcirculation on the scalp,

regulates sebaceous glands activity, increases oxygenation and nourishment of hair follicles and the nourishing ability of hair follicles and finally it accelerates hair growth rate







## Free Personal Consultation & Diagnosis

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