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Introduction GFC

GFC (Growth Factor Concentrate) treatment is a non-surgical hair restoration procedure that utilizes concentrated growth factors from a patient's own blood to stimulate hair follicles and promote hair regrowth. It is a more advanced and refined version of PRP (Platelet-Rich Plasma) therapy, often offering faster results and fewer side effects.

The treatment involves drawing a small amount of blood, separating and concentrating the platelets and growth factors, and then injecting this concentrate into the scalp to address hair loss and thinning.

How GFC Treatment Works:

1. **Blood Collection:** A small sample of blood is drawn from the patient.
2. **Growth Factor Extraction:** The blood is processed to isolate and concentrate the growth factors.
3. **Injection:** The concentrated growth factors are injected into the scalp, particularly in areas experiencing thinning or hair loss.

Benefits of GFC Hair Treatment:

- **Stimulates Hair Follicles:** GFC treatment can awaken dormant hair follicles and promote the growth of new hair.
- **Reduces Hair Fall:** It helps to strengthen existing hair follicles and reduce hair shedding.
- **Improves Hair Thickness and Density:** By promoting hair growth and strengthening follicles, GFC treatment can lead to thicker, denser hair.

- **Natural and Safe:** Since it utilizes the patient's own growth factors, GFC is considered a natural and safe treatment option with minimal risk of side effects.
- **Minimally Invasive:** GFC treatment is a non-surgical procedure with minimal downtime.
- **Faster Results:** Compared to some other hair loss treatments, GFC treatment may offer more noticeable results in a shorter period.
- **Addresses Alopecia:** GFC treatment is effective for androgenetic alopecia, a common form of hair loss in both men and women.

Important Considerations:

- **Consultation:**
It is crucial to consult with a qualified Plastic Surgeon to determine if GFC treatment is suitable for your specific hair loss condition.
- **Multiple Sessions:**
GFC treatment typically requires multiple sessions to achieve optimal results.
- **Combination Therapy:**
In some cases, GFC treatment may be combined with other hair loss therapies or medications to enhance its effectiveness.

Introduction Hair Growth Exosome

Stem cell exosomes show promise as a novel approach for hair growth and combating hair loss. These tiny vesicles, released by stem cells, carry growth factors and other bioactive molecules that can stimulate hair follicles, promote hair regeneration, and reduce inflammation, leading to thicker, healthier hair.

How Exosomes Work for Hair Growth:

- **Stimulate Hair Follicle Activity:**
Exosomes can interact with hair follicle cells, promoting their proliferation and differentiation.
- **Enhance Blood Circulation:**
They may improve blood flow to the scalp, ensuring hair follicles receive adequate nutrients and oxygen.

- **Reduce Inflammation:**

By modulating inflammatory responses, exosomes can create a more favorable environment for hair growth.

- **Promote Tissue Repair:**

They can help in repairing damaged scalp tissue, which is beneficial for conditions like scarring alopecia.

- **Regenerative Potential:**

Exosomes can potentially rejuvenate hair follicles and promote the regrowth of hair.

Types of Stem Cells Used:

- Mesenchymal stem cells (MSCs) and adipose-derived mesenchymal stem cells (ADMSCs) are commonly used sources of exosomes for hair loss treatment.
- Dermal papilla cells (DPCs) are also a source of exosomes that have been shown to activate hair follicle stem cells.

Benefits of Exosome Therapy:

- **Non-surgical:**

Exosome therapy is a non-surgical procedure, making it a less invasive option for hair loss treatment.

- **Targeted Approach:**

Exosomes can be specifically targeted to hair follicles, delivering growth factors and other beneficial molecules directly to the affected areas.

- **Reduced Inflammation:**

Exosomes can help reduce inflammation, a common factor in many types of hair loss.

- **Improved Hair Growth:**

Clinical studies have shown that exosome therapy can lead to increased hair thickness, reduced hair loss, and improved overall hair health.

Clinical Studies and Research:

- Research indicates that exosome therapy can trigger new hair growth and increase hair thickness.
- Studies have shown that exosomes can promote the proliferation of dermal papilla cells and activate hair follicle stem cells.

- Exosomes have also been shown to reduce inflammation, a key factor in many types of hair loss.
- Clinical trials are ongoing to further evaluate the effectiveness and long-term benefits of exosome therapy for hair loss.

Exosome Therapy V/S PRP:

- Both exosome therapy and PRP (Platelet-Rich Plasma) utilize growth factors to stimulate hair growth, but they target different body components.
- Exosomes target existing stem cells in the scalp, while PRP stimulates tissue repair and regeneration.

Important Considerations:

- While exosome therapy shows great promise, more research is needed to fully understand its long-term effects and optimize its application.
- It's important to consult with a qualified Plastic Surgeon to determine if exosome therapy is the right option for you.

Introduction Laser Hair Cap

Laser Cap is a complete hair loss treatment in the comfort of your home.

Laser Caps are light and flexible to ensure that the laser diodes cover the entire scalp thoroughly. The product design allows for maximum laser light coverage without any manual movement. The product illuminates hair follicles with monochromatic red laser light at a finely tuned wavelength and intensity, using the **FDA-approved LLLT treatment**.

Do laser caps for hair growth really work?

Experts say yes. "Hair growth hats are a type of red light at-home treatment for hair loss,"

"Red light therapy is used to treat hair loss because the long wavelengths of red light can penetrate deep into the skin," he adds.

How often should you use a Laser Cap for hair growth?

3-4 times per week

Patients only need to wear the Laser Cap about 30 minutes a day, 3-4 times per week. It has been determined to be compatible with the use of hair loss therapies for hair restoration.

Does LaserCap regrow hair?

Laser cap therapy uses a low-level laser, sometimes called a cold laser. During the treatment, this low-level laser is pointed directly at your scalp. Some studies have found that it's effective on its own in helping to stimulate your scalp to grow new hair

Do laser caps have side effects?

Red light therapy has virtually no significant adverse side effects. If you are using an authentic device, you should be experiencing no pain or damage to your scalp. The light the laser cap emits is not hot, so you are in no danger of getting burned.

Is laser hair regrowth safe?

Conclusion. LLLT for hair growth in both men and women appears to be both safe and effective.

Before & After Photo





Visual Animation  [Adi care 007](#)

FOR APPOINTMENT

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