

ULTRA HAIR

| Ultra Hair Ampoule Solution |

Exosome rich with Stem cell cultivated Media

Premium solution
for Hair Generation



ULTRA HAIR Ampoule Solution

ULTRA HAIR is a hair loss prevention treatment that improves hair loss and baldness in men and women . It restores hair follicle vitality and stimulates blood circulation to promote hair growth. It improves scalp troubles and increases hair thickness and volume. It stimulates and strengthens hair follicles. It moisturizes hair and scalp.

● ULTRA HAIR is stem cell exosome-based hair loss treatment.

ULTRA HAIR is a mixture of purified growth factors extracted from body fat, using high - quality ingredients to promote hair growth and scalp health.

Adipose-derived stem cell media and exosomes are potential options for hair loss treatment due to their regenerative and immunomodulatory properties. Several studies have shown that stem cell media containing exosomes can promote hair growth by acting on various cellular and molecular processes involved in hair follicle biology.



■ Hair Generation Mechanism

1. Hair follicle cells regenerate and differentiate to produce hair. ► (Hair growth factors) - It has been discovered that EGF and TGF-beta inhibit hair follicle growth, but that paracrine growth factors like KGF, IGF-1, bFGF, VEGF, SCF, and Noggin can simulate this growth.
2. Inhibition of 5α-Reductase I/II-Induced DHT (Dihydrotestosterone) Production ► Inhibition of Androgenetic Alopecia by Cu- Tripeptide DHT: Interacts with androgen receptors in hair follicle cells to impede the synthesis of growth factors involved in hair growth and synthesizes TGF-beta2 to obstruct the synthesis of proteins that constitute hair, resulting in hair loss.
3. Enhancing blood flow and providing essential nutrients for hair development ► Cellixir (dermal Activators)

4. Ultra Hair Fixation

A "new concept of mesodermal solution," Ultra hair is created using a stem cell medium derived from exosomes that contains growth factors and cell activators.

- Enhances and replenishes the conditions of the scalp and hair.
- Encourages blood flow to the scalp and revitalizes hair follicles.
- Enlarges hair follicles to encourage hair development and stop hair loss.

● Product

Ultra Hair Solution 3ml, 5vials /set

● Main Ingredients

The hair factor complex (eight kinds), exosome-stemcell medium, bFGF, VEGF KGF-1, KGF-2, IGF, FGF-9, SOD1, noggin peptide, Cu-tripeptide (AHK), Tetra Peptide-44, amino acids, minerals, and vitamins are all included.

● Direction for Use

Apply the mesoroller technique and general scalp and target area mesotherapy.

● Main Benefits

- Fosters a healthy environment for the scalp and hair by including Exosome & Hair Factor Complex, a potent combination with demonstrated efficacy.
- Stimulating hair growth and stimulating hair follicles
- Hair growth trial outcomes.

● Shelf Life & Storage

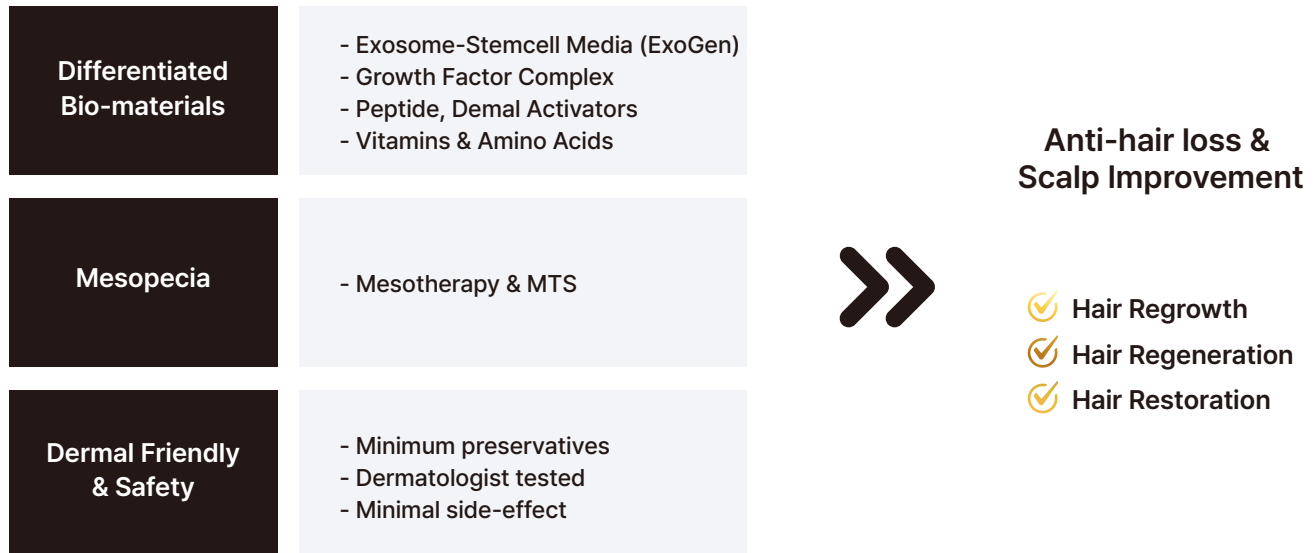
Shelf life : 2 years from production

Period after opening : Stable for 4 days in refrigerator

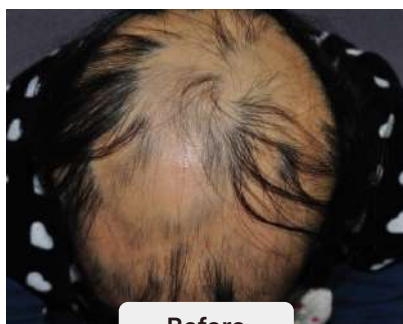
Storage : Store between 2°C~27°C. Protect from sunlight

Concept of ULTRA HAIR Solution

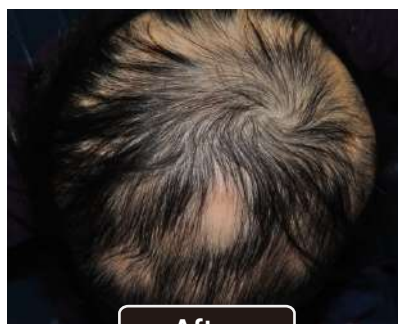
- Professional hair mesotherapy based on hair loss prevention and hair growth function (hair loss prevention and hair growth + scalp care + hair nutrition)
- Hi-Tech (high-performance bio materials) + High Touch (specialized in hospital treatment)



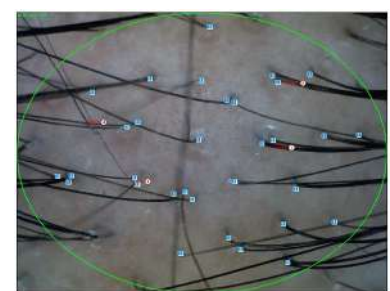
● Hair Generation



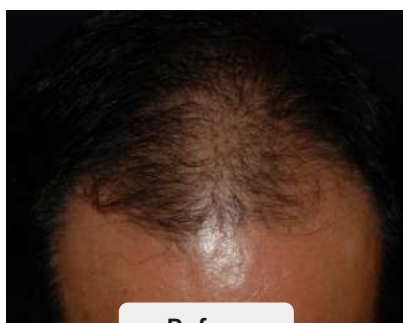
Before



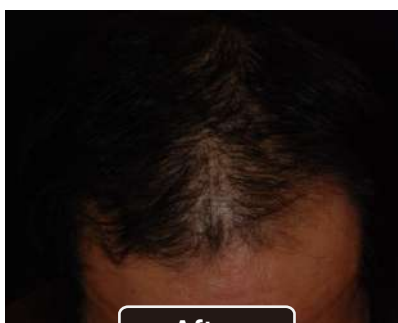
After



Result						
Density	Growth Rate	Caliber	Volume	Interval		
T hair	V hair	T/V Ratio	Avg	Avg	Avg	Avg
182	0	100 : 0	0	0.051	0.026	0



Before



After



Result						
Density	Growth Rate	Caliber	Volume	Interval		
T hair	V hair	T/V Ratio	Avg	Avg	Avg	Avg
123	0	100 : 0	0	0.065	0.039	0

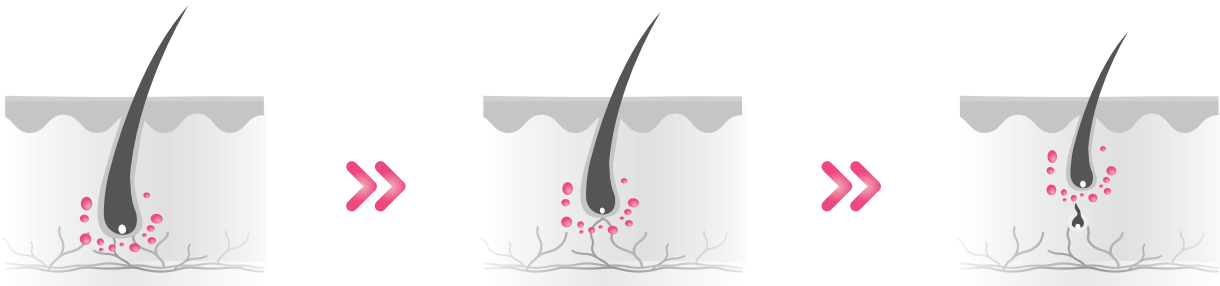
Scalp regeneration & hair loss prevention

● Multifl Effects of media-Exosome & Growth Factors

- | | | | |
|-----------------------|---------------|---------------------------|---------------------------------|
| Cell
Proliferation | Anti
Aging | Relieving
Inflammation | Regeneration
& Wound Healing |
|-----------------------|---------------|---------------------------|---------------------------------|

Miniaturizing Hairs

DHT



Protocol of meso-therapy (regular treatment)

In order to effectively promote good hair growth, hair mesotherapy is a biological and progressive therapy that requires at least of 7 sessions over the course of three months.

■ Protocol - 3 STAGE

STAGE 1

1 session per week for the 1st month
(Total 4 sessions for 4 weeks)

STAGE 2

1 session per 2 weeks for the 2nd month
(Total 2 sessions for 4 weeks)

STAGE 3

1 session per month for the 3rd month
(Total 1 session for 4 weeks)

* Determine the ideal treatment depending on patients' hair and scalp condition.

■ Injection 3ml

- **Treatment** The frontal, temple, and, if necessary, vertex areas need to be evenly treated once the scalp has been thoroughly cleaned.

The frontal borders and the hair lines at the temples require another round of injections.

The many punctures initiate the synthesis of neo-collagen and cause local vasodilatation.

The Use of Ultra Hair, 1vial of 3ml every session, is polyrevitalizing.

The injections are used with 30G needles syringe.

- **Caution** Pretesting is not necessary for the treatment in patients who do not have a known allergy or atopic profile.
allergy to one of the ingredients in the injection, infectious lesions, zoster, etc. Antihistamines or corticosteroids must be given to the patient if, in the rare event that the patient has oedema or itching while receiving medication.

How to Use



Injection



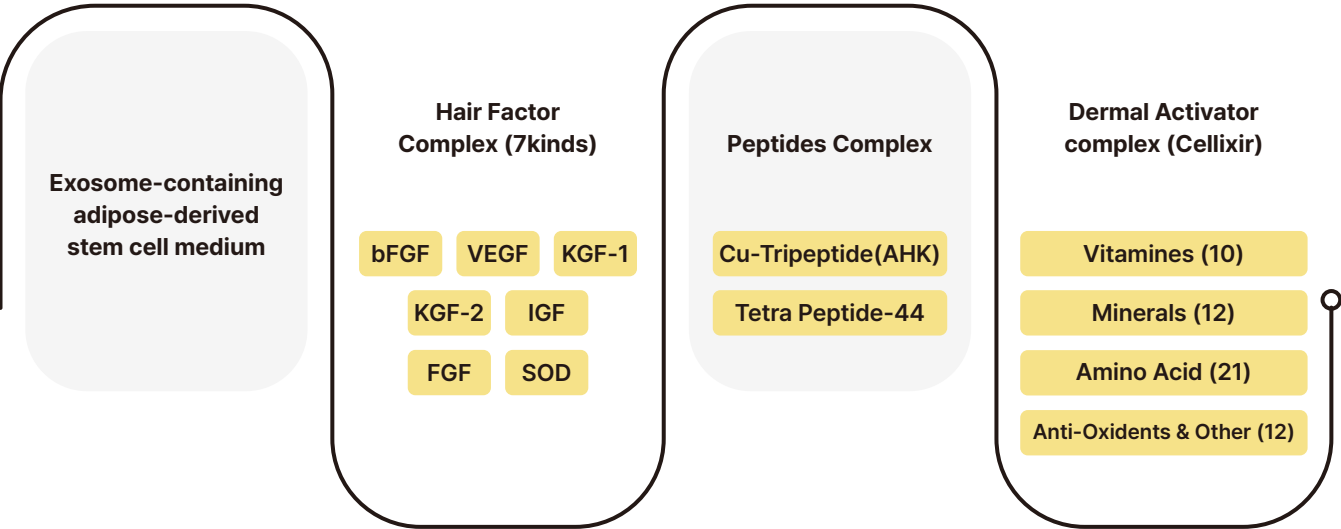
MTS



Meso-Machine



Key Ingredients



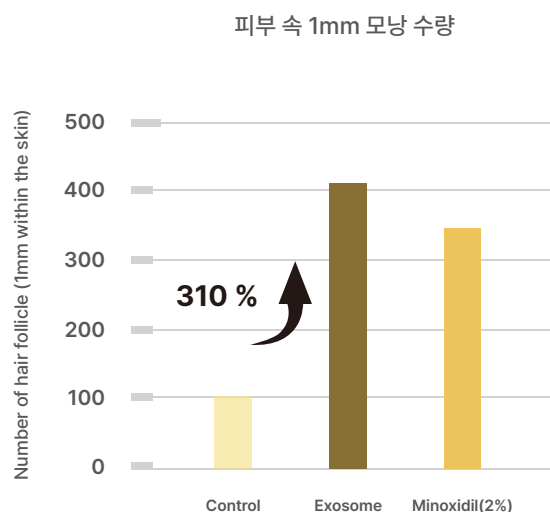
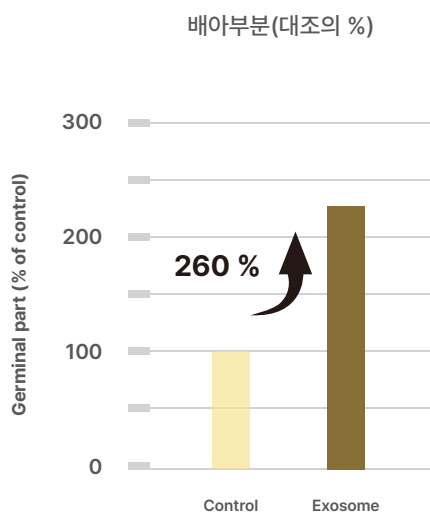
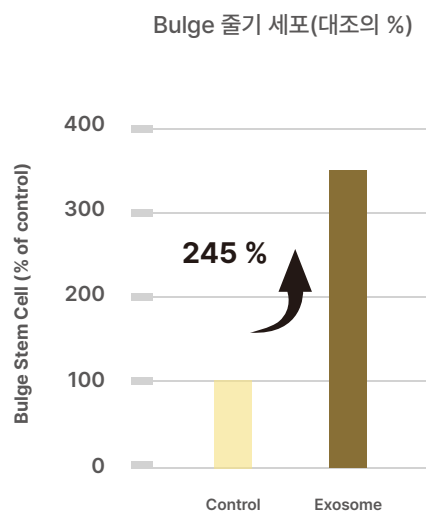
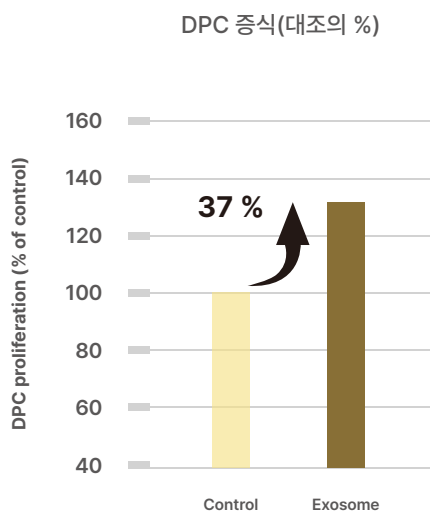
- Growth of hair follicle regeneration
- Restores tissue and increases scalp vitality
- Restoration of hair
- developing the cycle of hair growth
- extending the period of hair growth
- decreasing scalp inflammation

Key Ingredients

1) Rich in Exosomes stem cell

■ Anti-hair loss and Pro-hair growth

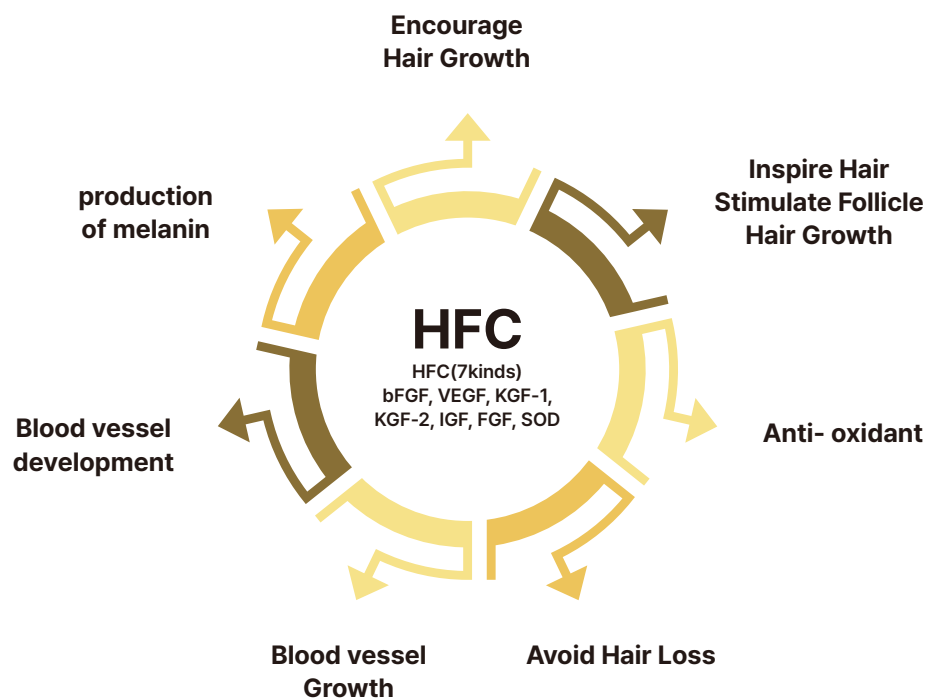
- Exosomes help hair follicles remain longer at the "growing phase," such as anagen, and shorter at the transitional stages of catagen and telogen, or resting phase, by increasing bulge, hair germ, and dermal papilla cells (DPC).
- During the period of active development (Anagen phase), exosomes cause hair follicles to double, meaning there are an increasing number of young and the number of robust, clear-rooted hair follicles has grown.
- Exosomes are useful for promoting hair development and reducing hair loss.



Key Ingredients

2) Hair Factor Complex(HFC)

HFC (Hair Factor Complex) is a perfect combination of seven growth factors and antioxidants that directly influence hair cells, according to research on hair regeneration. The HFC stimulates the scalp's natural ability to heal itself, which promotes hair growth and inhibits hair loss.



Preventing harm to the scalp by shielding the hair follicle.

The process of delivering nutrients by making micro-vessels larger.

Protection against aging of the hair by preventing free radical damage.

The stimulation of hair follicles, which speeds up the growth of hair.

In charge of forming melanocytes, or hair pigment

■ Comparison of hair density & diameter after 3 month

*Hair Density (number/cm²)



HFC ampoule
Normal Saline

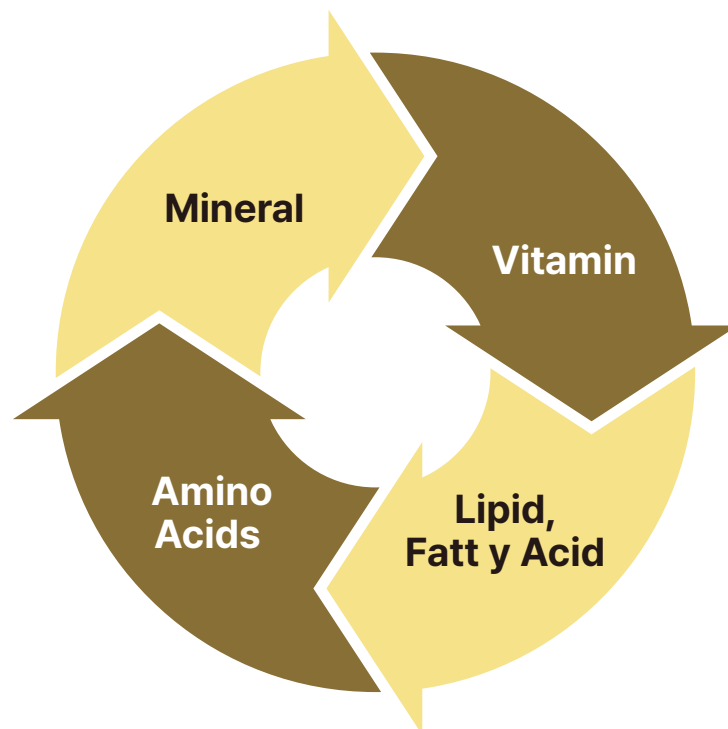
*Hair Diameter (number/cm²)



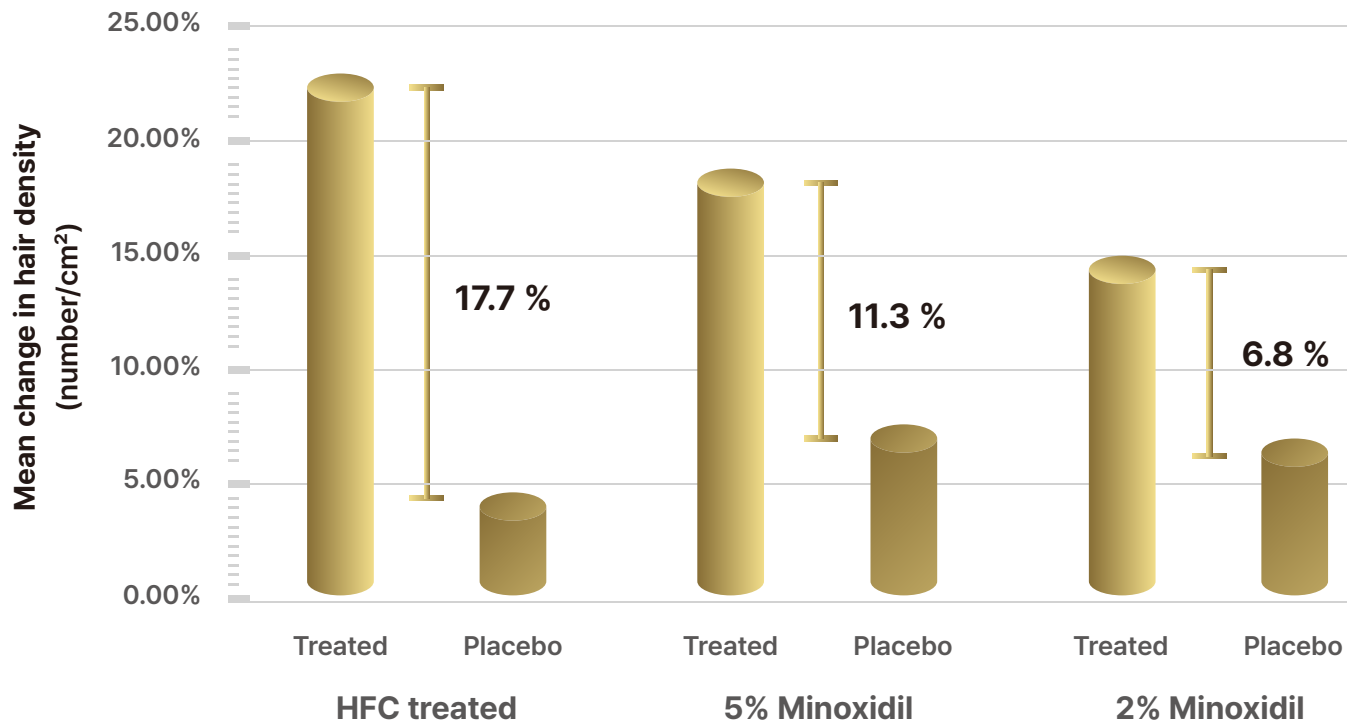
Key Ingredients

3) Cellixir

Cellixir is a cutting -edge dermal activator built on media technology that is used to cultivate stem cells and active ingredients that enhance the skin's inherent ability to repair itself, including the ability to prevent hair loss, regenerate hair, elasticity, whiten, have an antioxidant impact, and moisturize.



Clinical Test



Advantages over other products

The procedure is simple and you can return to your daily life right away.



DURATION
ca 30min



WORK
immediately



SPORT
from 1day



PAIN
no

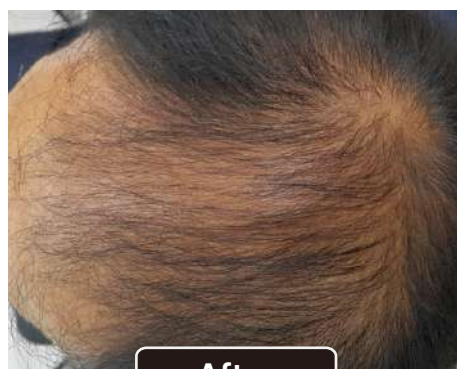
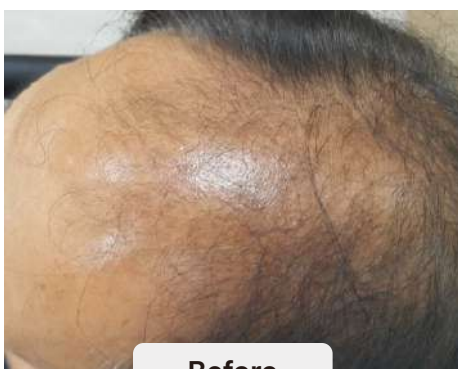
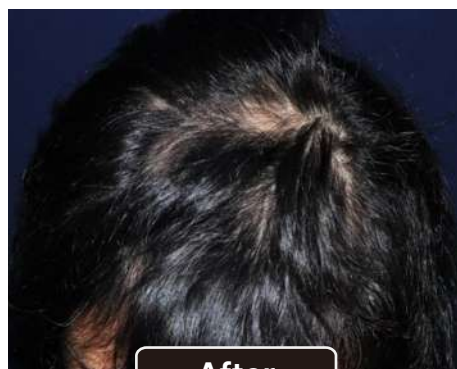
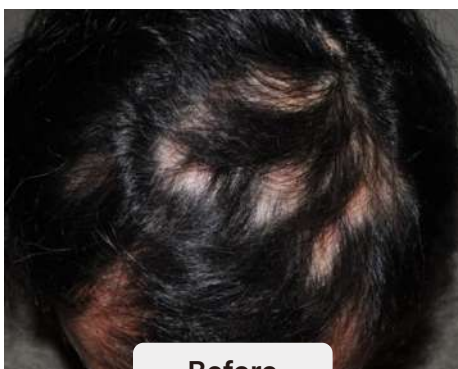
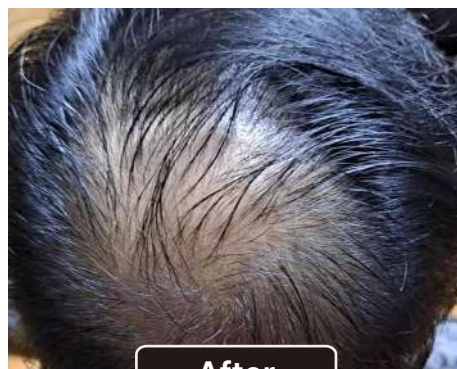
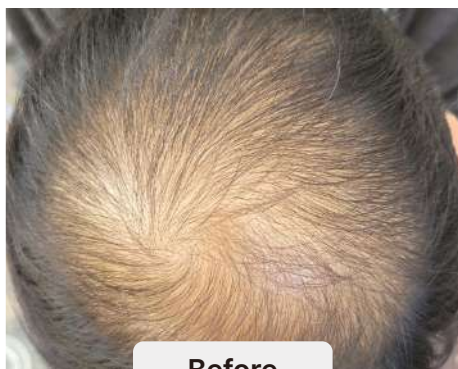
- Compare with Other 1ml x 1syring products for 1 person



- **Ultra Hair** can be used for 3 ml per person in a generous amount and evenly, and can be used for a total of 5 people.



Before and After



ULTRA HAIR

