

MesoAge - Hair Restoration System

Ingredients
Biotin
Dexpanthenol
Minoxidil
Zinc
Ginkgo Biloba
Pyridoxine

Minoxidil: Minoxidil is the only clinically proven way to stimulate hair regrowth. It is vasodilator medication that stimulates the production of fine (vellus) hairs in the scalp. It lengthens the duration of the anagen (growth) phase of hair and increases the blood supply to the follicle.

Azelaic Acid: is a hair growth stimulant that is found in some whole grains and in trace amounts in humans. Its current use in medicine, as a topical cream, is used in the treatment of acne. A research report by Stamatiadis in 1988 suggested that azelaic acid combinations of zinc and vitamin B6 was a strong type I 5-alpha reductase (5-AR) inhibitor.

Zinc: an enzyme inhibitor of 5-alpha reductase, blocking DHT production. At high concentrations, zinc could completely inhibit the enzyme activity.

Pyridoxine: is Vitamin B6, a water soluble compound it plays a vital role as the cofactor of a large number of essential enzymes in the human body. In hair loss treatment, Vitamin B6 potentiated the inhibitory effect of zinc. Hair growth stimulant.

D-Panthenol: also called vitamin B5. It is converted in the organism to the acid form. Pantethine is the bioactive form. There is energy production at the hair follicle

Biotin: vitamin H or B7, It is converted to carboxybiotin, acting as a cofactor in carboxylation and carboxyl radicals in the biosynthesis of fatty acids.

Ginkgo Biloba: a herb that promotes hair growth by increasing blood circulation to feed the hair follicles and preventing inflammation and bacterial infection around hair follicles.

Materials:

- 32G, 4mm needles
- Antiseptic
- Disposable Gloves
- 5cc Syringe

Protocol:

Clean scalp with antiseptic.

Locations	Techniques	Depth	Dosage	Volume
Diffuse or Regional Alopecia	Point by Point	1-2mm	0.1cc	3-5ml
Circumscribed Alopecia - Frontal - Fronto, Parieto, Occipital - Vertex	Nappage	1mm	0.05cc	2 - 5ml

Variations:

Administering MesoAGE - HRS with the MesoAge Roller - 450 needles, 0.5mm is the easiest method of administration.

Begin with Point by point technique on the chronic area then finish with Nappage.

Silicium may be added to intensify the hair regrowth.

Procaine can be added and will act as a vasodilator.

Frequency:

1 session weekly for 4 sessions

1 session fortnightly for 2 sessions

1 session monthly for 2 sessions

Considerations:

Wash hair one day before treatment session.

Do not wash hair for at least 24 hours prior to treatment.

Do not use this medicine if you are pregnant or breastfeeding.