



NATURAL HEALING FAMILY MEDICINE

LORI WIESER N.D.
NATUROPATHIC PHYSICIAN

Hair Loss Treatment

Male-pattern hair loss



Female-pattern hair loss



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An estimated 40 per cent of men in the United States will experience noticeable hair loss by the time they turn 35. Approximately 35 million Americans are living with hair loss everyday. Those with a chronic hair loss condition are losing an average of 100 hairs each day.

Your crowning glory adds to your overall appearance. In fact, hair is one of the first things both sexes notice in each other during their first encounter. Those who care about their appearance and personal grooming are particular about maintaining the health and sheen of their hair. According to Scalp Aesthetics, about 811,000 people in the United States are currently undergoing professional treatment for hair growth.

If you have been losing hair quickly and bald patches have started emerging, consider microneedling therapy. This treatment is an effective solution to hair loss as it is to skin rejuvenation.

How Does Microneedling Act on Hair?

Hair growth is dependent on genes that trigger the development of new hair cells. This development occurs within the hair follicles covering the scalp and the rest of the body. Hair cell production is initiated by a number of chemicals, chief among which is the human growth factor (HGF) – a protein or steroid hormone – capable of stimulating cellular growth.

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Trinity Massage and Wellness

Location 2: 3700 Martin Way E. #108 Olympia, WA 98506 Phone: 360-561-0171

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In the microneedling process, a microneedle pen - which looks like a pen with tiny needles in the end - the mechanical action of the pen allows the needles to puncture the scalp to cause minor surface wounds. The body then starts working to produce new skin, releasing chemicals and HGF in the process, which in turn stimulates hair regrowth thus covering up thin/bald areas.

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Clinical Trials on Microneedling for Hair Loss



A study on the effect of microneedling on male-pattern baldness found better regrowth of hair in people who used microneedle treatments in conjunction with Minoxidil (a popular product for hair growth and baldness control) gained **91.4 hairs**. Those who used only Minoxidil only saw **22.2 hairs**. The findings were also corroborated in another study of women with hair loss conditions such as telogen effluvium and alopecia areata. Researchers concluded that a combination of microneedling and a topical treatment can stimulate better hair growth than the topical lotion alone.

A topical treatment is useful only if its active ingredients can penetrate through the exterior layer of the scalp known as stratum corneum. In micro needling, thousands of micro-perforations are created through the stratum corneum, allowing the topical solution to deeply penetrate the scalp, and delivers better results.

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MICRONEEDLING FOR HAIR RESTORATION:

Micro needling for hair loss – Micro needling or collagen induction therapy has been reported to be effective in reversing hair loss. It does this by stimulating blood flow, increasing the availability of cell nutrients, releasing vascular endothelial factor (VEGF), and upregulating fibroblast growth factor (FGF-7). Hair restoration clinics have used dermal needling in combination with Minoxidil or platelet rich plasma (PRP) to enhance the skin needling effect.



SCALP MICRONEEDLING WITH COSMESCEUTICAL (MESO HAIR COCKTAIL) FOR HAIR RESTORATION:

Meso Hair is applied topically during the microneedling treatment.

Meso Hair Cosmesceutical ingredients and how it works:

Panthenol vitamin referred to as Pro-Vitamin B5. It will impart long lasting moisturization and it is said to increase the strength of the hair shaft. Some studies report that dl panthenol prevents hair damage caused by overheating and over drying hair and scalp. It conditions hair, reducing damaged split ends.

Pyridoxine is a Vitamin B6. inhibits DHT (dihydrotestosterone) creation and androgen receptor activity.

Thiamine is a vitamin, also called vitamin B1. If the body does not get enough B-1, it may not be able to process the food properly, which can in turn cause cells to become undernourished. In the case of hair, this can result in thinning because the hair's normal growth rate may slow.

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Biotin is known by two other names, vitamin H, standing for hair or vitamin B7. One of the first things that a person with a depleted biotin level will see is poor hair quality.

Scalp Microneedling with PRP & PRP scalp injections for Hair Restoration:



What is Platelet Rich Plasma's role in hair restoration?

“PRP” is an abbreviation for “platelet-rich plasma.” Our blood is liquid plasma containing small solid components of red cells, white cells, and platelets. The platelets are important for blood clotting, and they also contain hundreds of proteins known as growth factors that play an important role in healing. The enriched blood injected into the treatment area acts to stimulate hair follicle growth.

Platelet-rich plasma (PRP) uses your own blood platelets to stimulate hair growth where you are balding. It also thickens your existing hair. Many people know platelet-rich plasma as the part of the blood that helps your

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body recover from injuries. Platelet rich plasma harnesses that power to promote hair growth when follicles are present.

Who Would Benefit from Hair PRP Treatment:

This therapy can benefit people with thinning hair, a receding hair line, and hair loss at the top of the scalp and along the temples. This procedure is designed to stimulate inactive hair follicles and reactive hair follicles that may be dying.

Hair PRP Treatment Procedure:

A small collection of your own blood is collected and then spun in a centrifuge, which separates it into layers of red blood cells, white blood cells, platelets, and plasma. Platelet Rich Plasma (PRP) is extracted and then injected into the areas of thinning hair. A numbing cream will be applied to the scalp 20 min prior to treatment to numb the area and ensure your comfort.

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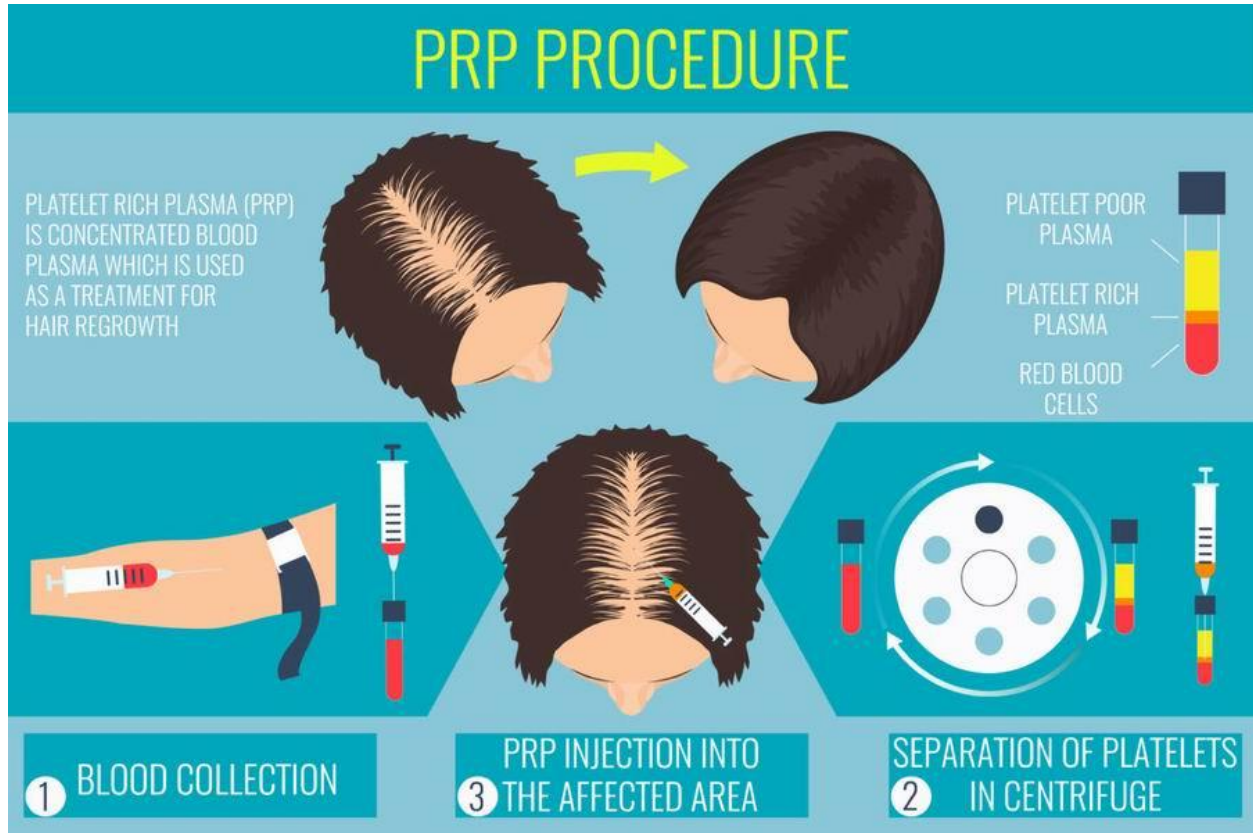
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Hair Micro-needling with PRP expectations:

- PRP promotes hair growth when follicles are present. People with extreme hair loss or non-existent follicles are generally not candidates for this PRP hair treatment.

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