

About Hair Loss

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Tuesday, 19 September 2006
Last Updated Wednesday, 18 October 2006

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It is important to understand how the body produces healthy hair.

The scalp is composed of 3 basic layers of skin. The Epidermis - The Dermis - and The Subcutaneous Layers. Within these three layers of skin are blood vessels, nerves, muscles, glands, millions of cells, and of course, the hair. The hair, like any other part of the body, is supported by the flow of blood. As blood brings oxygen and nutrients into the papilla area it promotes cellular activity for the hair, and as these cells reproduce, they build a flexible substance called Keratin (hair). As the hair grows in the follicle, it is then lubricated by the sebaceous gland that secretes oil in the follicle, which coats the hair for smooth growth and provides luster and sheen.

There are many causes for hair loss . Certain diseases, prescription drugs, illness and exposure to chemicals can cause hair loss. Heading the list of causes is Male Pattern Baldness, which affects more than 40% of the adult male population as well as thousands of women.

Male and Female Pattern Baldness

The interaction of DHT with androgen receptors in scalp skin and follicles appears to cause male and female pattern baldness. DHT miniaturizes hair follicles by shortening the anagen (growth) phase and/or lengthening the telogen (resting) phase. This is usually a gradual process of converting terminal to vellus-like hair. The net result is an increasing number of short, thin hairs barely visible above the scalp.

It's just that simple - where there is no blood - there is no life! A constricted blood supply prevents certain nutrients from coming into the papilla area where vitamins, minerals, and amino acids are necessary for proper cellular reproduction. Good nutrition is vital for strong, healthy hair. When blood and nutrients are not reaching the papilla area, cells reproduce at a much slower rate. This slow cellular activity produces a thinner, poorer quality hair, but this fine hair is a good sign that there is still life in the follicle, so there's still hope for your hair.

Stress is another contributor and causes of hair loss. While under stress, the pituitary gland can produce hormones and enzymes that can constrict the vascular system, thus hindering the oxygen, nutrients, and blood flow to the hair. It is very important to bring stress levels under control to stop it as a cause of hair loss.

Probably the most talked about cause of hair loss is Sebaceous Oil Build-up - referred to by many as sebum plug. The function of the sebaceous gland is to supply oil (sebum) to the hair follicle, which lubricates the hair for smooth growth. The problem occurs when thin, poor quality hair is being produced in the follicle. If the hair is not in its proper condition, oil fills up in the follicle, hardens, and can hinder proper hair growth. The secret to stimulating good hair growth is: An adequate blood supply, proper nutrients, and neutralizing the damaging effects of DHT.

Future Goals

We pride ourselves in education and truthful answers and our goal is to give you the best value and the best service in the industry period! If you can find a comparable treatment program, whether in a clinic, in a hair replacement studio, on the internet, with Laser or without Laser, we will match or beat the price!