

Advantages of Laser treatment

Hungarian researcher Mester in 1967, found 500 mili watts, low power 694nm ruby laser increased hair growth on backs of shaved mice. This was the first report of hair growth benefits with laser therapy. Hair growth with special Low Light Laser Therapy popularly called LLLT is a US FDA approved treatment for hair loss.

Hair growth laser acts by improving the blood flow and oxygenation to the hair roots.

It is especially useful for hair re-growth over the crown area, hair loss in smokers, hair loss from effects of pollution, hormonal hair loss in men and hormonal hair loss in women which immediately respond to improved blood flow and oxygenation.

Hair growth Laser controls over activity of oil, sebum glands, reduces irritation, inflammation and reduces dandruff.

In addition to the hair roots that are growing, there is at least 30% more which are in dormant or sleeping stage and can be awakened with the LLLT to be recruited back into the growth phase.

Laser saves the dormant hair roots from becoming dead and stimulates them to return to the hair growth cycle.

Hair growth Laser works scientifically in the following manner:

- Enhances the Oxygen exchange chain in the Mitochondria, leading to more ATP and Cyclic AMP formation
- Displacement of Nitric Oxide & Toxins out of the cells allowing more oxygen to enter for better growth
- Induces angiogenesis, forming new blood vessels around the hair follicles
- Reduces inflammation and activates response to Reactive Oxygen Species - ROS