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&

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Platelet-rich plasma—An ‘Elixir’ for treatment of alopecia: Personal experience on 117 patients with review of literature

Platelet-rich plasma (PRP) has emerged as a new treatment modality in regenerative plastic surgery and dermatology. PRP is a simple, cost-effective and feasible treatment option with high patient satisfaction for hair loss and can be regarded as a valuable adjuvant treatment modality for androgenic alopecia and other types of non-scarring alopecias. Authors have proposed a hair model termed “Golden anchorage with ‘molecular locking’ of ectodermal and mesenchymal components for survival and integrity of hair follicle (HF)” in

this article. Golden anchorage comprises of bulge stem cells, ectodermal basement membrane and bulge portion of APM. PRP with its autologous supply of millions of growth factors works on ‘Golden anchorage’ along with keratinocytes (PDGF), dermal papilla (IGF and fibroblast growth factor), vasculature (VEGF and PDGF) and neural cells (Nerve Growth Factor) in a multipronged manner serving as an ‘elixir’ for hair growth and improving overall environment.

Biography

Dr. Suruchi Garg Gupta is the Founder Director and Chief Consultant Dermatologist and Hair Transplant Surgeon at Aura Skin Institute. A scholar throughout her career, she is a board certified Dermatologist from world renowned and India's premier tertiary care Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh. She spent around 6 years at this institute and then also worked as Senior Consultant Dermatologist and Cosmetologist at Fortis Hospital, Mohali. She is an internationally trained Dermato-Laser and Hair transplant surgeon. She has taken advanced training (certified) at USA, Europe and Israel and has been bestowed with many prestigious national and international honors for her extraordinary and consistent contributions in the field of laser treatments, body contouring and Hair Transplant. Dr. Suruchi has introduced many latest laser treatments at Chandigarh, few of them being first in the country.

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