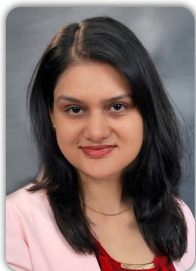


6th Global Summit on
Dermatology and Cosmetology

September 21, 2021 | Webinar



Suruchi Garg

University- Aura Skin Institute, India

Role of platelet rich plasma in intervention Dermatology and trichology

Platelet-rich plasma (PRP) contains several growth factors and cellular adhesion molecules which promote wound healing, angiogenesis and accelerate the rejuvenation of skin and hair follicles. With its proven regenerative and regrowth potential in a plethora of conditions, PRP has been deemed as the “futuristic elixir.” Current evidence suggests that PRP effectively stimulates angiogenesis, collagen as well as elastin regeneration and is a safe, easy to prepare, minimally invasive technique with limited downtime and negligible risk of allergic/hypersensitivity reactions owing to its autologous nature. It has shown excellent results when utilized as monotherapy or in combination with microneedling or ablative lasers in acne scars, post-burn or post-traumatic scars, melasma, striae distensae, chronic ulcers and lichen sclerosus. PRP injections or PRP combined with microneedling are increasingly being utilized for skin rejuvenation and recently have been utilized to provide non-invasive face lifts. A novel technique combining non-cultured epidermal cell suspension suspended in PRP results in superior repigmentation outcomes in case of vitiligo. Use of PRP alone or in combination with hair transplant in androgenetic alopecia is another well-

researched indication and successfully extrapolated to indications such as alopecia areata, chronic telogen effluvium and cicatricial alopecia. In spite of its established efficacy in a vast number of indications, PRP should be used with utmost caution. These growth mediators exert their own endocrine, paracrine and enzymatic effects, the complete influence of which still remains a mystery and only years of experience, in the times to come will unravel the absolute power of our “mighty dragon warrior.”

Biography

Suruchi Garg, MD is a director and chief consultant at Aura Skin Institute, Chandigarh. She is a dermato-laser & hair transplant surgeon, program director for IADVL fellowship in ‘Lasers & Aesthetic Dermatology’. She is a recipient of young dermatologist forum award, Dermacon 2008 for work on cutaneous vasculitis and a recipient of distinguishes scholar award 2020 from European Journal of Scientific Research for her work on scarring alopecia and regenerative medicine. She filed a patent protocol on non-surgical facelift and also innovated LA-PEEST, a novel fast acting vitiligo surgery. She proposed global drooping and wrinkle classification for aging face and also a member of editorial board of cosmo derma journal.

e: gargsuruchi01@gmail.com