

Platelet-rich plasma in interventional dermatology and trichology: How far have we come?

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Abstract

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.

Biography

Tasbiha Ramzan is currently a student of Doctor of Dermatological Sciences at The University of Faisalabad. She has completed two months internship at Skin and Laser Clinic Faisalabad with Professor Doctor Azam Bukhari (once weekly). She has also worked as an internship trainee in the City Clinic Jaranwala under the supervision of Dr Saeed Ahmed for two and half months.

As an active member of Society for Skin Care, she has been playing role as a member of Publications since 2019. In the Peer Assisted Learning project at the University of Faisalabad, she did mentorship of junior students in order to support and guide.

