

# A Surprising Reality About Using Your Own Blood to Improve Your Appearance

Wondrej Betrov1

Department of Dermatology, Clinical Hospital Acibademsistina Skopje, Republic of Macedonia

## Corresponding Author

Wondrej Betrov1, Clinical Hospital Acibademsistina Skopje, University Goce Delcev Stip, Republic of Macedonia,  
E-mail: wondrej.betrov@acibademsistina.mk

Received Date: Oct 02, 2021

Accepted Date: Oct 06, 2021

Published Date: Nov 09, 2021

## Abstract

Aesthetic medicine is maybe the quickest growing branch of the dermato-venereology. New trends in aesthetic medication underline the natural resources and also the use of non-invasive ways in the treatment, exchange the novel invasive ways and the employment of medicaments. the advantages of those new procedures are, terribly short recovery time from the intervention, higher tolerance by the patient, low-priced treatment. one among the innovations that's with success applied in everyday practices at several dermatologic and aesthetic departments and clinics is that the treatment with plasma made in platelets (plasma made platelets). additional recently it's being practiced in medicine for face rejuvenation or questionable evil spirit elevate, and recently in medical aid of phalacroscis and to treat wounds. In fact, the procedure is performed to drawn the blood from the patient, then the blood is centrifuged and ends up in the isolation of pure plasma made in platelets that's made in growth factors. The procedure are often practiced for over once with none risk to the patient.

New therapeutic modality for rejuvenation combines incomplete greenhouse emission optical maser with PRP (platelet-rich plasma). The combined treatment maximize the deep ablative impact of greenhouse emission optical maser, still as underlining the therapeutic impact of platelet-rich plasma. optical maser micro-perforations improve plasma made in platelets penetration.

In this era of technological wonders, in all probability the foremost shocking things are the natural resources for the treatment of diseases. one among those exciting resources is that the autologous plasma that demonstrates the inexhaustible prospects of the human organism. All that's required is to spot them and explore beside the increasing use of technical means that and also the hunger for profit of the trendy world. However, even within the era of AI we'll stay simply individuals.

## Keywords

PRP; Dermatology; Therapy; Natural; Non-invasive

## Introduction

Aesthetic medical specialty is maybe the quickest growing branch of the dermato-venereology because of varied useful reasons. On one

hand taking care of the sweetness and its connexion for the humans is more and more rife in day nowadays life and is a very important part in person's adaptation within the society, searching for the place for own realization. On the opposite hand, fast technological development in medical field makes the past few decades totally different from previous eras in terms of exaggerated power by the folks to influence the correction of bound imperfections.

However, the definition of beauty has been modified over the centuries and {different|totally totally different|completely different} eras had different "ideal models", however the hunger for a pleasant look is being forever there. within the gift era it's thought-about that the person's look encompasses a vital impact on eudaimonia. The aesthetic medical specialty has seasoned right smart growth in recent decades. once the sweetness is raised to the amount of status, patients are going to be offered with varied aesthetic treatments to boost their beauty.

Knowledge of aesthetic treatment is that the key to future success having advantages like, connexion of the service supplier, quality and potency of the service, service availableness, moreover as info regarding semipermanent effects of the treatment and its safety. Expectations from these treatments have a great deal exaggerated. to make a decision that treatment shall be utilized in bound patient depends upon the ratios "cost-benefit" to "risk-benefit". yankee principle "pay for performance" is applied here [1].

New trends in aesthetic medication underline the natural resources and therefore the use of non-invasive ways within the treatment, replacement the novel invasive ways and therefore the use of medicaments. medical specialty is more and more searching for ways in which to exchange bound surgical procedures for rejuvenation and changes for the betterment of the patient's look, moreover as for correction of imperfections within the look. the advantages of those new procedures area unit, terribly short recovery time from the intervention, higher tolerance by the patient, cheap of treatment [2].

One of the innovations that's with success applied in everyday observe at several medicine and aesthetic departments and clinics is that the treatment with plasma wealthy in platelets (plasma wealthy platelets). The clinical effectuality of thrombocyte concentrates primarily depends on the quantity of platelets and therefore the concentration of their growth factors, that act as transmitters in most of the processes in tissues, notably in wound healing wherever they're accountable for proliferation, differentiation, taxis and tissue maturation [3].

Platelet-rich plasma (PRP) has already been employed in medical science and dental medicine from a protracted time [4].

More recently it's being practiced in medicine for face rejuvenation or evil spirit carry, and late in medical care to treat phalacroscis and in wounds healings. The procedure is initiated by taking blood from the patient, followed by activity of the blood and segregate pure plasma that's made in platelets and having an oversized quantity of growth factors [5].

Actually PRP means that injecting patient's own platelets and protein for the treatment of wrinkles and scars on the face, neck or neck conjointly referred as evil spirit carry treatment. The plasma is injected with a needle or dermaroler into the face, neck or hands skin of the patient. it's a form of endogenous (own) filler or supplement [6].

The procedure is perennial quite once with none risk to the patient. It creates new albuminoid that stretches the skin. therefore leads to rejuvenation - skin rejuvenation [7].

Recently the plasma is with success applied within the treatment of hair loss or depilation. The platelet's protein within the blood affects the hairs and stimulates their growth. The results clearly highlight the positive effects of PRP injections on male hair loss and absence of major aspect effects. PRP might function a secure and effective treatment against hair loss but, a lot of in depth and controlled studies area unit required [8].

It is very hip and most with success used methodology in our Department practiced virtually daily. The patient's own plasma is injected into the skin of capilitium with the assistance of a needle or a special gun and stimulates endogenous hair growth. The outcomes of this treatment area unit excellent in terms of patient satisfactio. This methodology also can be used with different aesthetic treatments like hair transplantation with FUE technique.

New therapeutic modality for rejuvenation is that the combination of fractional carbon dioxide optical maser with PRP (platelet-rich plasma). The combined treatment maximizes the deep ablative impact of carbon dioxide optical maser, as well as underlining the action of living substance made plasma. optical maser micro-perforations improve the penetration of living substance made plasma [9].

The plasma is meant to be injected with the needle instead of being poured into the holes already created by the optical maser treatment. when the optical maser treatment patients area unit treated with PRP with high concentration of autologous, non-toxic, non-allergic platelets. The combined treatment leads to larger patient satisfaction [10]. The plasma is additionally well employed in healing skin wounds (ulcers) wherever it stimulates a closure of open wounds within the skin by initiating the generation of a brand new tissue that fills the holes.

In the age of technological wonders, in all probability the foremost shocking things area unit the natural resources for treatment of diseases. One of those exciting resources is that the autologous plasma that demonstrates the inexhaustible prospects of the human. All we'd like is to spot and explore them along by increasing the employment of technical means that and therefore the hunger for profit of the fashionable world. However, even within the era of AI we'll stay simply individuals.10. (2014) fatty derived stem cells collaborate with fractional dioxide optical maser in antagonizing photoaging: a possible role of Wnt and B-catenin signal. *Cell Biosci* 4: twenty four.

## References

1. Knoll B (2010) Illustrated atlas of esthetic mesotherapy. Quintessence publishing 3: 5-9.
2. Sarnoff DS, Gotkin RH (2014) ACELIFT: a minimally invasive alternative to facelift. *J Drugs Dermatol* 13: 1038-1046.
3. Lubkowska A, Dolegowska B, Banfi G (2012) Growth factor content in PRP and their applicability in medicine. *J Biol Regul Homeost Agents* 26: 3S-22S.
4. Dhillon RS, Schwarz EM, Maloney MD (2012) Platelet-rich plasma therapy - future or trend? *Arthritis Res Ther* 14: 219.
5. Campos RC, Diaz NP, Barandiaran FA (2013) Platelet-rich Plasma in Skin Ulcer Treatment. *Wounds* 25: 256-262.
6. Aust MC, Fernandez D, Kolokythas P, Kaplan HM, Vogt PM (2008) Percutaneous collagen induction therapy: an alternative treatment for scars, wrinkles and skin laxity. *Plast Reconstr Surg* 121: 1421-1429.
7. Fernandez D, Signorini M (2008) Combating photo-aging with percutaneous collagen induction. *Clin Dermatol Surg* 26: 192-199.
8. Gentile P, Garcovich S, Bielli A, Scioli MG, Orlandi A, et al. (2015) The Effect of Platelet-Rich Plasma in Hair Regrowth: A Randomized Placebo-Controlled Trial. *Stem Cells Transl Med* 4: 1317-1323.
9. Petrov A (2015). Efficiency of carbon dioxide fractional laser in skin resurfacing doctoral thesis, ukim, skopje.