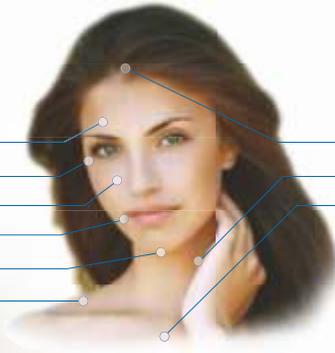




PRP Preparation For Healthier Life

SUITABLE AREAS FOR AESTHETIC TREATMENT

Sun-damaged and aged skin
Around the eyes
Cheeks and mid-face
Nasolabial folds
Jaw Line
Sagging skin of the neck



Area of hair loss
Back of the hands
Décolletage
Acne scars
Stretch marks
Other parts of the body



MEDI-TECH SOLUTIONS
(THE COMPLETE AESTHETICS)





WHAT IS PLATELET-RICH PLASMA?

Platelet-Rich Plasma (PRP) is an innovative and promising approach in tissue regeneration. PRP is defined as an autologous concentrated preparation of platelets and their associated growth factors in a small volume of plasma. Platelets are a natural source of a myriad of growth factors in their natural and biologically-determined ratios.

THERAPEUTIC EFFECT OF PRP

PRP is thought to promote physiological wound healing and rapid soft and hard tissue regeneration by delivering growth factors at high concentrations to the treated site.

PLATELET GROWTH FACTORS

Upon activation, platelets release growth factors and other molecules stored in their granules, which are part of the natural healing process. These growth factors are regeneration-promoting signaling molecules, such as Platelet-Derived Growth Factor (PDGF), Transforming Growth Factor group (TGF), Epidermal Growth Factor (EGF), Vascular Endothelial Growth Factor (VEGF), Fibroblast Growth Factor (FGF) and others. These molecules regulate the healing cascade, including inflammation, cell proliferation, reepithelialization, angiogenesis and tissue remodeling processes.

PLATELET ACTIVATION

Platelets may be activated via addition of activating substances such as thrombin and calcium chloride. However, it has been postulated that in situ activation of platelets (caused by injection and exposure to in situ coagulation factors, such as collagen, exposed endothelium) results in a slow release pattern of growth factors secretion, which may be beneficial for stimulating a continuous healing response.

PRP APPLICATIONS

PRP's safety and effectiveness for accelerating soft and hard tissue healing have been established in various medical fields, including Orthopaedics and Sports medicine Chronic wounds, Plastic and Oromaxillofacial surgery. Moreover, its positive effect on skin rejuvenation and hair restoration has been repeatedly reported as a standalone treatment or as a biological adjunct to other methods, such as biodegradable fillers, including HA, collagen, autologous fat tissue transplant etc.

*Publications with Estar's device for PRP preparation.

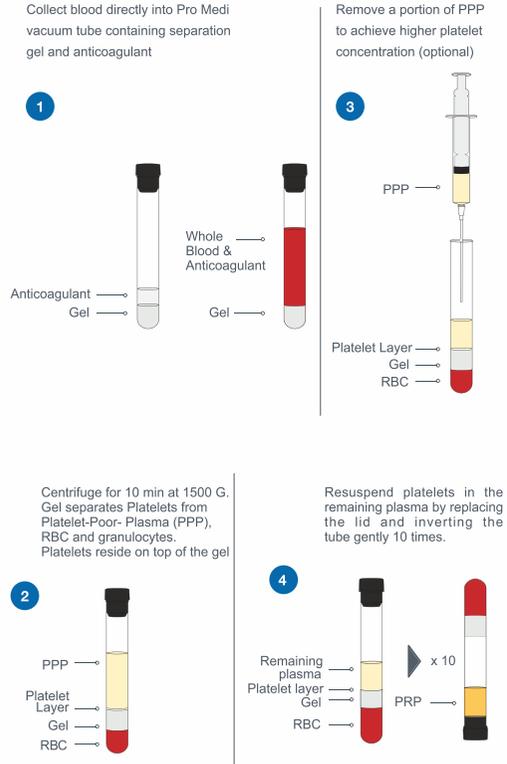
PRP FOR SKIN REJUVENATION

PRP leads to slow down of the aging process and rejuvenation by stimulating:

- Fibroblast proliferation
- Stem cell proliferation and differentiation
- Neocollagenesis and Extra Cellular Matrix formation
- Angiogenesis

PRP PREPARATION USING PRO-Medi PRP

PRP is prepared by taking a small sample of the patient's own blood, then separating platelets from Platelet Poor Plasma (PPP), red blood cells (RBC) and leukocytes via centrifugation. PRP is then collected and can be injected back into the treated site to promote dermal stimulation, augmentation and matrix remodeling, resulting in skin rejuvenation. The whole preparation process takes up to 30 minutes.



PRP is applied using dermal mesotherapy injection techniques/ topically/using Demaroller (micro needling).

PRO-Medi PRP

| | |
|------------------------------|---------|
| Platelets concentration fold | X 3 - 5 |
| RBC (10 ⁶ /ul) | 0.0 |

FEATURES AND BENEFITS

EFFECTIVENESS

- Enables high platelet concentration by reducing the volume of plasma.
- Rapid and simple one step process – only one centrifugation and one primary tube is used.

SAFETY AND QUALITY

- Biocompatible and **Pyrogen**-free system, minimizing safety concerns.
- **ISO, GMP, CE Certifications.**

Why...PRO Medi PRP

- PRO-Medi PRP is pyrogen free this is treated with pyrogen free process.
- PRO-Medi PRP is made for PRP treatments, some simple plastic & IVD tubes are used in market as PRP tubes, which are actually not safe for PRP procedures.
- Individual sealed packings.
- PRO-Medi PRP is sterilised for 3 times, which makes it safe for human body.



1. Harvesting the 10ml Whole Blood into PRO-Medi PRP Tube & invert the tube 4-5 times to mix with prefilled anticoagulant.



2. Centrifugation @ 1500G (3500 RPM) for 10 minutes. Swing rotor centrifugation devices are recommended for more convenient results.



3. Re-Suspension Process. Move the tube upside down after centrifugation process supports the homogenization of the cells in the plasma.

- Resuspension mechanism - helps to homogenize the platelets in plasma milieu.
- Safe, Sterile & Non pyrogenic injectable.
- A versatile system for safe, effective & fast PRP extraction.
- Optimal Concentration of Growth Factors (PDGF, TGF, IL, VEGF, EGF, IGF & Fibronectin).
- Optimum platelet recovery.
- Consistent isolation of A-PRP.
- Red blood cell depletion: more than 98% of RBCs removed.
- 10 mls whole blood volume required, to generate 6 mls of platelet concentration PRP.
- 10 minutes centrifugation @ 3500 RPM, single spin.
- No burning, pain during and after PRP injection because of correct range of blood pH (Sodium Citrate as an Anti-coagulant).



Prestige

ERROLLE
Italia

• event color free

ammonia free

p-Phenelendiammine free

Nikel free

hair colors



100 ml

120 ml

AVAILABLE SHADES:



1.0
BLACK



3.0
DARKEST BROWN



4.0
BROWN



5.0
LIGHT BROWN

- It is an innovative line of permanent colour cream with Antioxidant action.
- Its formula without ammonia, without p phenelendiammine (PPD) and without nickel, hair dyes in a non-aggressive way, leaving it shiny and soft.
- The content of beeswax, fruit extracts and Vitamin c protects the hair and scalp, while its fruity fragrance leaves a pleasant scent on hair.

How to use

It must be mixed with prestige Event Color Free Oxidizing Emulsion 10-20-30-40 volumes in the ratio of 1:1.



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