

WHAT IS PRP USED FOR?

- **Ovarian Rejuvenation:** Women are born with a definite number of eggs and once the numbers reduce their quality also decreases. This makes pregnancy quite difficult or near impossible even with IVF. PRP injection into the ovaries has shown to restore some of the natural function of ovaries. In one study in Greece, even menopausal women conceived using their own eggs. It a new concept and still needs more research but current work is more than encouraging. It may not increase the number of eggs but definitely improves egg quality.
- **Uterine lining improvement:** Some women damage their lining of the uterus either because of infections (like Tuberculosis) or after having certain procedures done. The treatment for the same has been quite frustrating till now. PRP offers a ray of hope in that the rejuvenation process has shown to improve the lining good enough for pregnancy to happen. The PRP procedure needs to be done repeatedly before any improvement is seen.
- **Face Lift:** when PRP is being injected into the facial tissues, tightening of the face has been seen. This procedure is known as Vampire facial or if done more aggressively, a Vampire Facelift.
Baldness reversal: Various cosmetologists claim hair strengthening to less hair fall to actual growth of new hair with PRP treatment.
- **Orteoarthritis:** Degeneration of the knee joint, especially in the younger age group has shown to be quite responsive to PRP therapy avoiding knee replacement in quite many of them.
- **Scar management:** because of its inherent healing properties, PRP has been used both for prevention of scars (like Caesarean scars) and also management of old scars and keloids.
- The many other uses of PRP has been in Orgasm enhancement, Breast rejuvenation and Shoulder and other joint injury treatment.

Services

- Ovarian Rejuvenation
- Platelet Rich Plasma Therapy
- PRP for Ovarain Rejuvenation
- PRP for Uterine Lining Improvement
- Vaginismus Treatment with Botox
- Stress Urinary Incontinence (SUI) Therapy
- Femilift for SUI
- Femilift for Vaginal tightening.
- Femilift for post menopausal rejuvenation
- Femilift for Vaginal Dryness and Irritation
- Femilift for Post Partum Rehabilitation.



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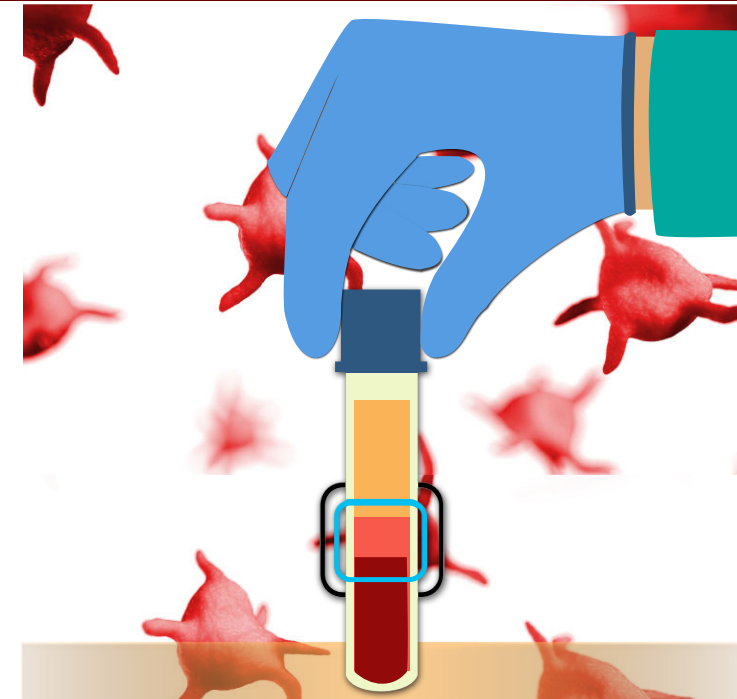


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PLATELET RICH PLASMA

A Noval therapy for :

| Anti-Aging | Ovarian Failure | Thin Uterine Lining |

PRP Therapy FAQ's



Renovaré Clinic
Renew | Revitalise | Rejuvenate

Mankind has been in search of the magic potion that gives eternal life, right from the ancient mythological age to present times. Modern man has been little more practical and focused more on anti ageing and healing and repair of damaged tissues rather than looking for eternal life. The billion dollar industry of cosmetic surgery and cosmetic products is proof enough of our desperation.

PRP or Platelet Rich Plasma has probably been in use since the early '70s when it was used by the Dentists for root canal and other dental procedures. Later it was adopted by the Cardiac surgeons to heal the damaged heart faster. Today it is used by the Orthopaedic, Cosmetologist, Urologist, Sexologist, Physiotherapists and many more. Google the likes of Rafael Nadal, Kim Kardashian or Tiger Woods and you will see how each one of them has used PRP to help them with anti-ageing or sports injuries.

What is PRP ?

PRP or Platelet Rich Plasma is an extract from the blood which has a concentrate of Platelets and other Growth factors which help in clotting and healing.

What are Platelets?

Platelets are cells, contained in blood, that are primarily responsible for clotting of blood and secondarily help in healing the tissues after an injury. They also act as store houses for energy and growth factors. They have 2 types of stores:

Dense Granules: which store Adenosine triphosphate, Adenosine diphosphate, Serotonin and Calcium.

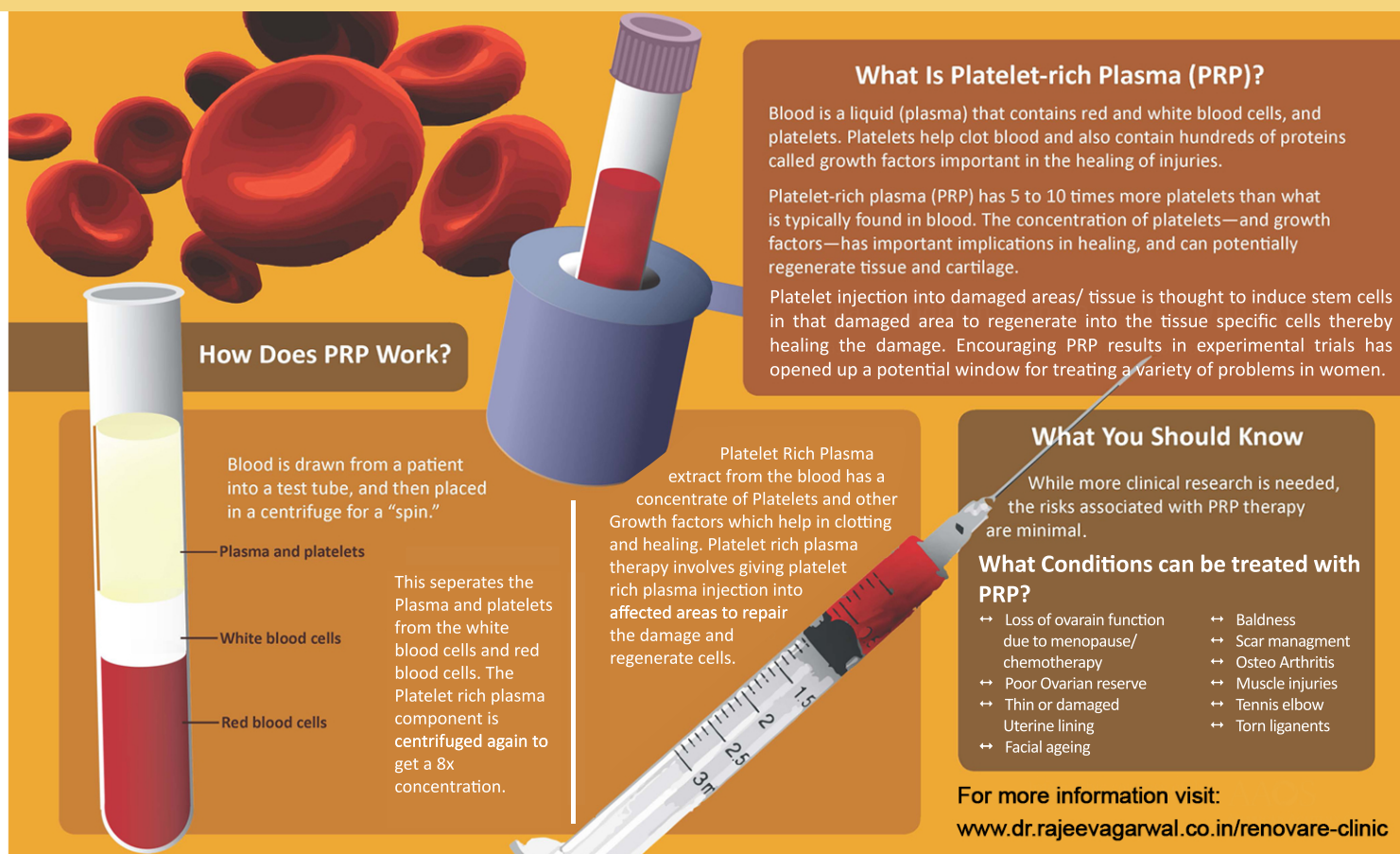
Alpha Granules: which contain Mesenchymal stem cells, Cytokines, Vascular endothelial growth factors, Transforming growth factor and many more such.

How is PRP prepared ?

PRP is extracted using a specially designed centrifuge machine and a special conical tube. About 15 ml of blood is taken from the patient, injected into the conical tube and centrifuged. What we get is red blood cells at the bottom of the tube and a buffy coat above. To get a superior yield of PRP, this buffy coat must be processed again to get almost 8x concentration of Platelets along with growth factors. The sample must be used immediately. Sometimes particular cases require activation of platelets outside the body and for this some chemicals need to be added to the PRP sample.

How is PRP injected into the ovaries?

Just after periods finish and before the follicles start to grow, the patient is called empty stomach to the clinic. Blood is taken and PRP prepared. Under light sedation (same as used for IVF egg collection) and under ultrasound guidance, the prepared sample is injected into both ovaries. The process takes roughly 2 mins and the patient can go home in an hour. This process is repeated once every month for a total of 3 times.



The PRP Therapy is minimally invasive. Local anaesthesia is provided in order to ensure that you don't feel any pain during the procedure. PRP has a number of growth factors as it is rich in platelets like platelet-derived growth factor (PDGF), transforming growth factor (TGF), platelet factor interleukin (IL), platelet-derived angiogenesis factor (PDAF), vascular endothelial growth factor (VEGF), epidermal growth factor (EGF), insulin-like growth factor IGF and fibronectin.

If the components are already inside my body, how does giving the same again help ?

PRP delivers a concentrated form of the required components to a particular site thus enhancing the rejuvenation and healing.

What are the chances of having a bad reaction to the PRP ?

There is practically no possibility of a bad reaction since the blood is derived from the patient's own body and the same is used to extract the PRP.

For more information visit:
www.dr.rajeevagarwal.co.in/renovare-clinic