

## Meet T-Lab®

T-Lab® has been developing products in the field of regenerative medicine since 2012, and more than 2 Million+ treatments have been performed worldwide using T-Lab® Products.

T-Lab® was recently ranked the #1 PRP System in the world at IMCAS World Congress Paris 2025.

95.7% PURITY  
4.6 BILLION PLATELETS  
90.1% RECOVERY RATE  
2 MILLION+ TREATMENTS  
85+ COUNTRIES

Results obtained in "Product analysis - PRP: Comparative non-commercial study on a category of products or devices out in the market", IMCAS 2023, Jeremy Magalon, PharmD, PhD, Assoc. Prof. INDIVIDUAL RESULTS MAY VARY. FOR USE BY OR UNDER THE DIRECTION OF A MEDICAL PRACTITIONER ONLY. ALWAYS READ THE INSTRUCTIONS FOR USE. ALWAYS FOLLOW THE INSTRUCTIONS FOR USE

## Results

Typically, the results from PRP/PRF last approximately 6 to 12 months (6). This is due to cell proliferation, matrix remodelling and collagen synthesis caused by platelets.

It is recommended to have 3 sessions of PRP/PRF, spaced 4 weeks apart (6).

These repeated treatments are likely to produce cumulative benefits and lead to optimal results for patients (6). Further treatments can occur monthly, quarterly, or yearly, depending on the area of treatment and desired result.

Individual treatment plans and results will vary.

## Side Effects

Swelling, redness, tenderness, bruising and itching are common side effects that may occur after a PRP Procedure. Possible adverse events that may occur include, but are not limited to: damage to blood vessels, hematoma, delayed wound healing, infection associated with blood draw, temporary or permanent nerve damage, pain or numbness and postoperative infection. Always consult your Practitioner and Physician to determine if this procedure is right for you.

This device is also prohibited to be used on individuals with Platelet Dysfunction Syndrome, Critical Thrombocytopenia, Hypofibrinogenemia, Haemodynamic instability, Auto-immune diseases, Malignancy (i.e. Cancer), Sepsis, Acute or Chronic infections, Chronic Liver Disease, Anti-coagulation Therapy (e.g. Aspirin) and Pregnancy.

<sup>5</sup> Samadi, P., Sheykhhasan, M., & Khoshinani, H. M. (2019). The Use of Platelet-Rich Plasma in Aesthetic and Regenerative Medicine: A Comprehensive Review. *Aesthetic plastic surgery*, 43(3), 803–814. <https://doi.org/10.1007/s00266-018-1293-9>

<sup>6</sup> Alam, M., Hughart, R., Champlain, A., Geisler, A., Paghdal, K., & Poon, E. (2018). Effect of Platelet-Rich Plasma Injection for Rejuvenation of Photoaged Facial Skin: A Randomized Clinical Trial. *JAMA Dermatology* (Chicago, Ill.), 154(12), 1447–1452. <https://doi.org/10.1001/jamadermatol.2018.3977>

Platelet-Rich Plasma (PRP) and Fibrin (PRF)  
Information For Patients



The world's #1 PRP and PRF System

an **AVADERM**® brand

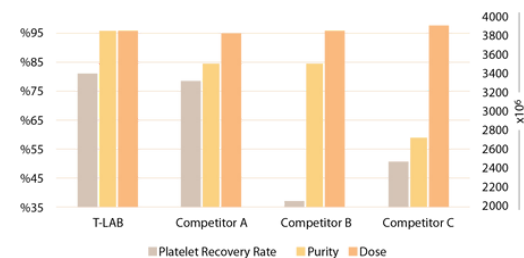


What is involved?

## T-Lab® PRP and PRF explained.

Platelet-Rich Plasma (PRP) and Fibrin (PRF) procedures involve collecting a patient's own blood into T-Lab® PRP or PRF Tubes. The blood is then spun in a specially-designed T-Lab® Centrifuge in order to separate out plasma or fibrin from the other blood components. This platelet-rich plasma and fibrin, which contains between 5 to 9 times the platelet concentration of regular blood (2), is then re-injected into the target tissue.

The T-Lab® System has been ranked #1 in the world for being able to extract the highest dose, purity and recovery rate of platelets from the blood, therefore leading to optimal clinical outcomes.



The difference

## PRP vs PRF.

T-Lab® Platelet-Rich Plasma (PRP) is prepared with a fast spin in the centrifuge and an anticoagulant inside the tube. The plasma is very liquid and releases growth factors rapidly. It is commonly used for skin rejuvenation, hair restoration, acne scarring, gynaecology and musculoskeletal injuries.

T-Lab® Platelet-Rich Fibrin (PRF) is prepared with a slower spin and no anticoagulants. This forms a natural fibrin matrix / gel, which slowly releases growth factors for up to 14 days once injected. PRF is used as a natural alternative to dermal fillers, as well as for wound healing, dental regeneration, and small areas of hairloss.

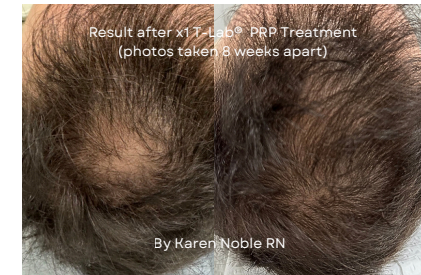
An autologous, natural treatment

## Results powered by you.

Platelets, also known as thrombocytes, are small, colourless cell fragments in the blood which contain hundreds of proteins called growth factors. Once re-injected into the target tissue, these key growth factors (platelet-derived growth factors, PDGFs) work by stimulating the process of fibroblast collagen synthesis and are able to stimulate cell proliferation, matrix remodelling and angiogenesis (4).

See the results for yourself.

T-Lab® is utilised in many fields including as aesthetics, dermatology, orthopaedics, gynaecology, dentistry and more.



<sup>1</sup> Based on several R&D studies implemented within T-Lab's laboratories, it was concluded that the Pure PRP protocol yields "A higher quantity/volume Platelet Recovery Rate" against a classical PRP protocol. As a result, it offers the effect of 3 sessions in one.

Kim, D. H., Je, Y. J., Kim, C.D., Lee, Y.H., Seo, Y.J., Lee, Jeung H., & Lee, Y. (2011). Can Platelet-rich Plasma Be Used for Skin Rejuvenation? Evaluation of Effects of Platelet-rich Plasma on Human Dermal Fibroblast. *Annals of Dermatology*, 23(4), 424-431.

<sup>3</sup> Wang, X., Yang, Y., Zhang, Y., & Miron, R.J. (2019). Fluid platelet-rich fibrin stimulates greater dermal skin fibroblast cell migration, proliferation, and collagen synthesis when compared to platelet-rich plasma. *Journal of Cosmetic Dermatology*, 18(6), 2004-2010.

<sup>4</sup> Everts, P.A., Pinto, P.C., & Girão, L. (2019). Autologous pure platelet-rich plasma injections for facial skin rejuvenation: Biometric instrumental evaluations and patient-reported outcomes to support antiaging effects. *Journal of Cosmetic Dermatology*, 18(4), 985-995.