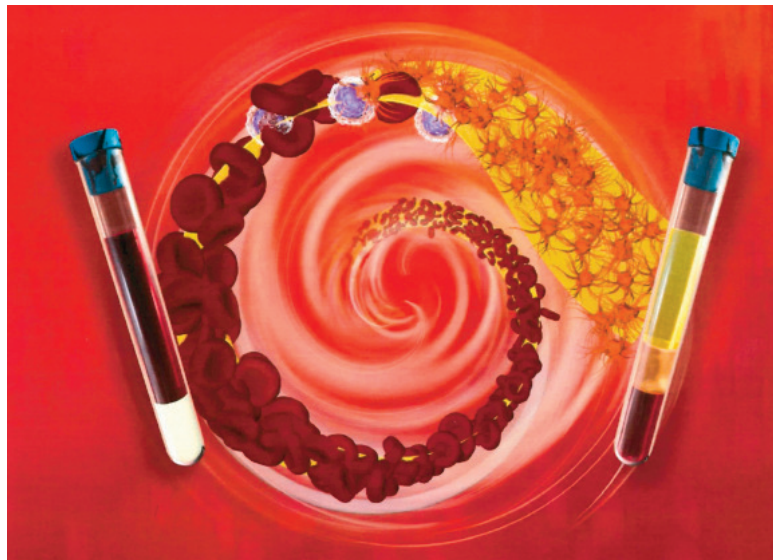




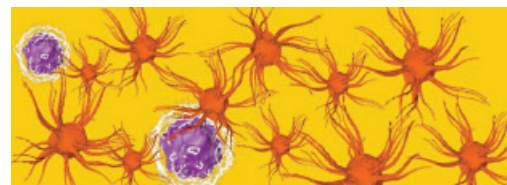
Autologous Platelet Rich Plasma (PRP)



The power to heal is in your patient.

PRP is an integral part of the fast growing field of **Regenerative medicine**. The patient's own blood is processed via centrifugation to concentrate platelets in plasma. This enriched plasma can be directed towards a variety of conditions such as osteoarthritis, tendon injuries, wound healing, and refractory ocular ulcers.

Platelets are key factors in both soft and hard tissue repair mechanisms. They provide the essential growth factors *over 1,500 identified* that are involved in stem cell migration, differentiation, and proliferation.



Key Points

- Autologous therefore non immunogenic
- Release of the main growth factors involved in tissue repair and regeneration
- Reduced risk of infections
- Improvement of microvascularization
- Stimulation of mesenchymal stem cells
- Stimulation of fibroblasts growth and collagen production
- Acceleration of healing process, reduction of pain and hospitalization time

Swiss manufactured

One of the world's largest and most experienced PRP provider:

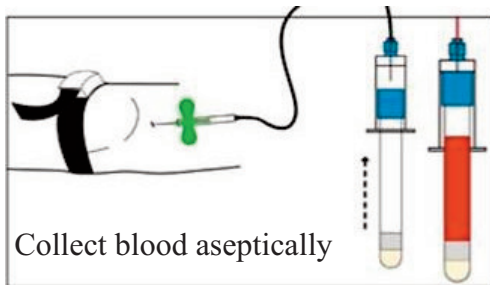
- Sold in over 40 countries worldwide including the U.S.
- Close to **1 million** doses already provided in human medicine.

Extensively studied and researched.



Process Overview

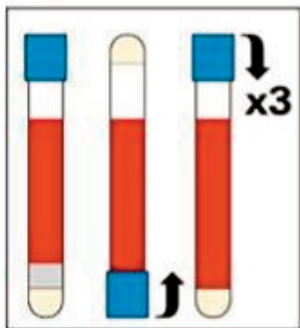
8-10ml of whole blood can be used to prepare 4-5ml of PRP in a single closed system.



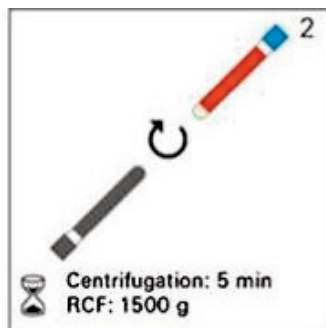
After centrifugation

The ReGen Lab Vet-PRP system is:

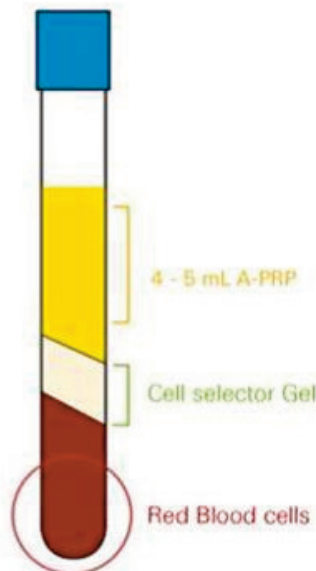
- 12ml standard blood tube
- Sodium citrate anticoagulant
- Will work with most standard centrifuges
- Comparatively the best value



Gently rotate tubes



at 3,500 RPMs



Simple process that can be performed by any clinic.

- **Limited WBC** or leukocyte concentration.
- **Virtually no RBC contamination**
- **More is not better** platelet concentration range is the target 2X
 - Higher concentrations have shown to be possibly inflammatory.