

Regenerative medicine

A new musculoskeletal era

E-PET

> Platelet filtration kit

Allows the injured site to be enriched with platelets (Equine Platelet Enrichment = « E-PET ») by autologous injection of PRP*.

Exclusive to AUDEVARD



Practical: use during a consultation
Rapid: less than 30 minutes in total
Economic: no equipment needed

Tissue regeneration

- ➔ Tendons
- ➔ Ligaments
- ➔ Joints

> Tissue regeneration in 5 stages



1 Blood sample taken
 5 ml of anticoagulant
 55 ml of blood



2 Transfer
 Transfer into the superior pouch

3 Wait for the filtration: 15 minutes



4 Collection
 Collection of the PRP



5 Injection
 Sterile injection of the PRP

Detailed instructions for use in each E-PET kit

* PRP: Platelet Rich Plasma.
 E-PET is a medical device.



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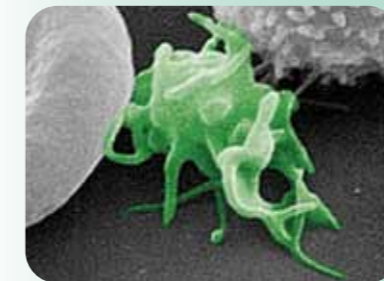
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Document for Veterinarians only

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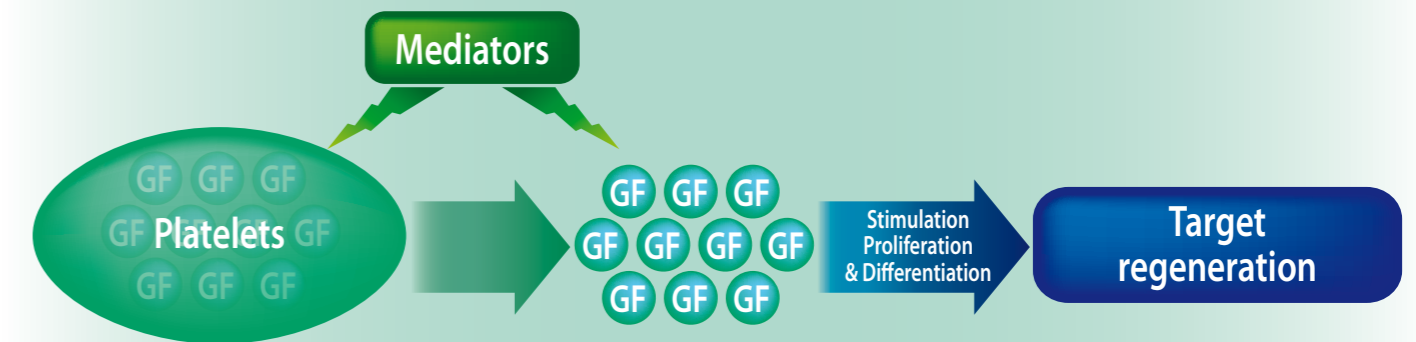
Regenerative medicine aims to create functional living tissue to replace damaged tissues.



> What if daily blood samples could regenerate tissues?

Platelets contain essential growth factors.
 PDGF - TGFβ - EGF - IGF-1 - VEGF - bFGF

The activation of platelets, through intercellular communication within the lesion, leads to the release of growth factors. This results in stimulation of specific tissue regeneration within the injured site.



> Reason for isolating the platelets

The ability to inject them into a lesion in a poorly vascularized site.

> Isolating the platelets and collecting the Platelet Rich Plasma*

Two methods of isolation

Centrifugation

- Requires specific equipment
- Mechanical platelet activation before injection

Filtration

- + No equipment needed
- + Physiological activation within the lesion after injection

GF : Growth Factor
 * PRP : Platelet Rich Plasma



Veterinary Expertise & Guarantees