



## Key Benefits of Tropocells® Pure PRF



Enhances wound  
healing



Promotes bone  
regeneration



Supports graft  
stabilization



Aids in wound sealing  
and hemostasis

Tropocells® Pure PRF (Platelet-Rich Fibrin) is an autologous polymerized fibrin scaffold that contains a high concentration of platelet cytokines, growth factors, and chemokines. This fibrin scaffold interacts with bioactive materials to stimulate and accelerate the healing process. Following platelet activation, these essential components become embedded in the matrix, promoting effective tissue regeneration.

**Unlike conventional PRF methods, Tropocells® Pure PRF offers several advantages, including:**

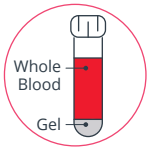
- **Simple, fast preparation and application**
- **Cost-effectiveness** (minimal expense)
- **No biochemical modification** (no need for bovine thrombin or anticoagulants)



## How It Works

Tropocells® Pure PRF is prepared by drawing either 12ml or 23ml of the patient's blood. The platelets are separated from red blood cells and granulocytes using a specialized centrifugation process. The resulting PRF clot is then placed directly on a wound surface or packed into a cavity or sinus. As the clot gradually dissolves, it releases growth factors and bioactive components, enhancing the body's natural healing response.

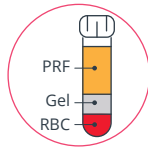
Importantly, Tropocells® Pure PRF is generated without the need for external activating substances, ensuring a fully autologous, natural healing process.



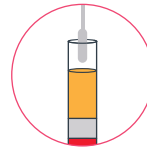
Collect blood directly into Tropocells® Pure PRF vacuum tube containing separation gel



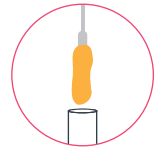
Immediately Centrifuge for 15 min at 1500g



Gel separates platelets from RBC and granulocytes, platelets are formed in a PRF matrix

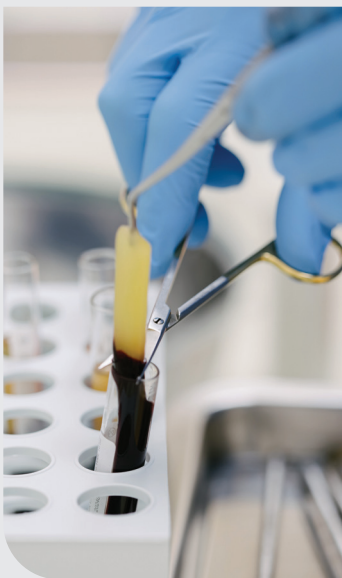


Insert a spatula to collect the PRF matrix



PRF is ready to use

### Treating the wound site with Tropocells® Pure PRF helps:



- Decrease the occurrence of infection, complications and discomfort
- Promote the development of new blood vessels
- Initiate and accelerate tissue synthesis, tissue, bone and joint surface regeneration
- Speed up the natural wound healing time
- Significantly reduce post-operative pain

### Main applications of Tropocells® Pure PRF

#### Chronic Wounds

- Leg Ulcers
- Diabetic Ulcers
- Pressure Sores

#### Acute Wounds

- Surgical Wounds
- Burns
- Fistulas
- Skin Graft
- Helps reduce the occurrence of sternal wound infections