

Please take note of the following precautions when undergoing a PRP (Platelet-Rich Plasma) treatment:

- Infections around or near the injection site
- Blood clots or platelet disorders
- Advanced stage of severe renal insufficiency requiring dialysis
- Deep vein thrombosis
- Acute heart diseases
- Pregnancy
- Severe anemia
- Fever.

It is important to consider these factors before undergoing PRP treatment.



SWISS PLASMA BIOTECH

AUTOLOGOUS BLOOD PLASMA THERAPY IN SWITZERLAND

**ORTHOPEDICS AND
TRAUMATOLOGY**



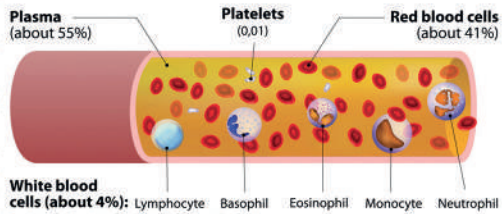
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The elements of blood



PRP stands for Platelet-Rich Plasma. Platelets are components of the blood that play a crucial role in blood clotting. Blood is composed of 55% plasma, 45% red blood cells, and a small percentage of white blood cells and platelets. Platelets contain growth factors, which are essential for healing injuries. PRP is the process of separating the platelets and plasma from the rest of the blood, resulting in a high concentration of platelets in the plasma, hence the term Platelet-Rich Plasma.

The PRP Procedure Consists of the Following Steps:

1. Collection of blood
2. Centrifugation of the collected blood
3. Injection of the platelet-rich plasma.

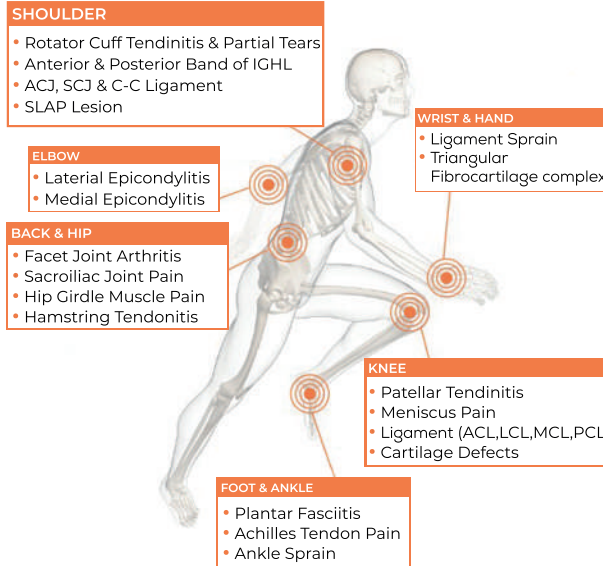


"Platelet-rich plasma (PRP) therapy is a medical treatment that leverages the body's own growth factors to heal and rejuvenate damaged tissue. During the treatment, a concentrated dose of platelets, which contain bio-active proteins, is delivered to the site of pain. This process is triggered by the natural response of platelets to collect and initiate the clotting cycle at the site of injury. Activated platelets release multiple growth factors that are crucial for tissue regeneration. By increasing the number of platelets in the affected area, PRP therapy provides a potent mixture of growth factors to the damaged tissue, promoting a quicker, more effective, and comprehensive restoration to a healthy state.

Indications

- Arthritis
- Sports and acute injuries
- Back and neck pain
- Ruptured intervertebral disc
- Nerve injuries
- Carpal tunnel syndrome
- Sprains and contractions of muscles and ligaments

COMMON PLATELET RICH PLASMA TREATMENT AREAS



The Benefits of PRP Therapy

- PRP therapy enhances the body's natural healing abilities
- It has been shown to significantly improve patients' symptoms and mobility
- PRP is a safe and natural alternative to surgery
- It reduces the need for more invasive treatments such as prolonged medication or surgery

Advantages of PRP Treatment

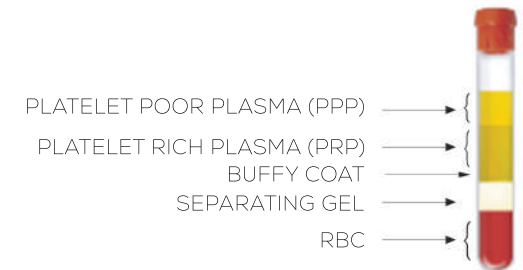
- It uses the patient's own blood, reducing the risk of infection
- It has a low probability of infection
- Minimal to no downtime is required post-treatment

Conditions for Effective PRP Therapy

To ensure high-quality PRP therapy, the following conditions and principles must be followed:

1. Use of top-quality supplies
2. Utilization of certified Swiss Plasmabiotect tubes
3. Use of a centrifuge recommended by Swiss Plasmabiotect
4. The treatment must be conducted by a licensed physician and in accordance with guidelines

PRP treatments can effectively reduce inflammation, alleviate pain, and restore joint mobility.



Injection of plasma

