

### How to prepare the patient

- No corticosteroids for two to three weeks prior to the procedure
- Discontinue NSAIDs one week prior to procedure
- Traditional NSAIDs include:
  - Aspirin
  - Ibuprofen
  - Naproxen
  - Nabumetone
- Increase fluid intake in the 24 hours prior to the procedure

### PRP is not recommended for patients with:

- Low blood pressure
- Use of blood thinners
- Diabetes
- Later stages of dialysis
- Fever
- Allergy to bovine products
- Heart conditions
- Bovine thrombosis
- Pregnancy
- Blood clot or platelet disorder
- Anemia
- Infections on or near the injection site



**SWISS PLASMA BIOTECH**

AUTOLOGOUS BLOOD PLASMA THERAPY IN SWITZERLAND

**ORTHOPEDICS AND  
TRAUMATOLOGY**



SWISS PLASMA BIOTECH GmbH

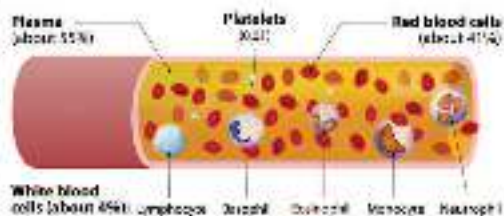
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## The elements of blood



PRP stands for platelet-rich plasma. Platelets are the components of your blood that are best known for blood clotting. Blood is made up of 55% plasma, 45% red blood cells, and about 1% white blood cells and platelets. Platelets also contain hundreds of proteins called growth factors, which are important in the healing of injuries. PRP is the separation of those platelets and plasma from the rest of the blood, which results in a high concentration of the platelets within the plasma, hence, platelet-rich plasma.

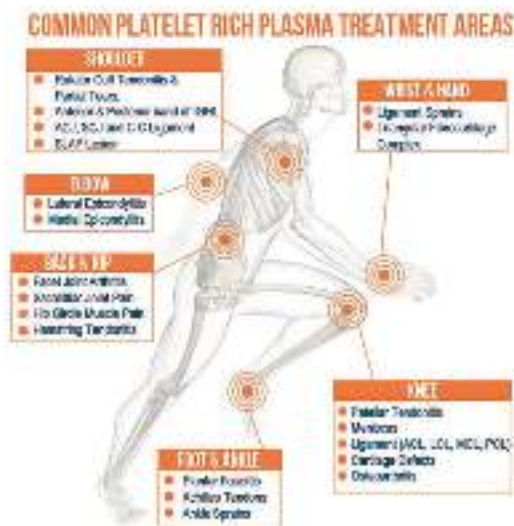
The process consists of many steps: Blood collection, centrifuge of the blood obtained from the applicant and injection.



PRP Therapy utilizes your body's own bio-active proteins, also known as growth factors, to replace, repair, and regenerate tissue. PRP is used to deliver the growth factors directly to the site of pain. When tissue injuries occur, platelets collect at the site of the injury and begin the clotting cycle. These activated platelets release numerous growth factors that are directly responsible for tissue regeneration. So by increasing the concentration of platelets, we can deliver a powerful mixture of growth factors directly to the injured tissue and dramatically enhance the body's natural healing process. This treatment may result in a more rapid, efficient, and thorough restoration of the tissue to a healthy state.

## Indications

- Sports Injuries
- Back & Neck Pain
- Herniated Discs
- Joint Pain
- Arthritis
- Nerve Injuries
- Industrial/Work Injuries
- Carpal Tunnel Syndrome Acute Injuries
- Muscle & Ligament Sprains & Strains



## Platelet Rich Plasma Therapy Benefits

- PRP enhances your body's healing potential
- Prepared from your own blood, PRP has no risk of rejection, infection, or disease transmission
- Patients see tremendous improvement in symptoms and return of movement
- Results are proving PRP to be an effective and natural alternative to surgery
- PRP may eliminate the need for more aggressive treatments such long-term medication or surgery

## Advantages of PRP Treatment

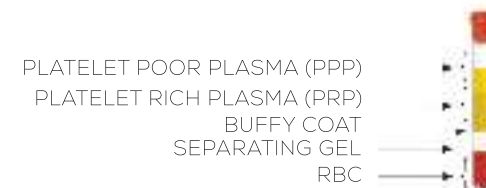
- Natural appearance
- No allergic reaction
- No harmful ingredient
- No infection risk

## PRP-treatment requirements

PRP-treatment is provided in high quality by meeting following conditions and principles:

1. Use of the high quality special techniques:
  - Use of the unique and certified tubes of Swiss Plasma Biotech;
  - Use of a centrifuge with special advanced blending mode;
  - Use of the high quality consumables.
2. Application of the procedure by a physician trained in Swiss Plasma Biotech method.
3. Complying with the application procedure.

PRP treatments contribute to the reduction of the inflammatory processes, the elimination of pain, and the restoration of the joint motion amplitude.



## Platelet Rich Plasma Injection

