

# Platelet-Rich Plasma (PRP) Injections

**In recent years, doctors have learned that the body has the ability to heal itself. Platelet rich plasma (PRP) therapy is a form of regenerative medicine that can harness these abilities and boost the natural growth factors your body uses to heal tissue.**

## Some facts about platelet rich plasma (PRP) therapy

- Doctors use PRP to promote healing and reduce inflammation.
- A doctor giving a PRP injection first takes blood from the person being treated in [PRP tubes](#).
- The cost of a platelet rich plasma can range from €300 to €2,000.
- Side effects can include mild nausea, fainting and dizziness.

## What is plasma and what are platelets?

Plasma is the liquid part of whole blood. It is mainly made up of water and protein and provides a medium for the circulation of red blood cells, white blood cells and platelets throughout the body. Platelets, also called thrombocytes, are blood cells that cause blood clots and other functions necessary for healing growth.

Platelet activation plays a key role in the body's natural healing process.

## What is platelet rich plasma (PRP) and what are PRP injections?

Therapeutic plasma therapy (PRP) uses injections from a patient's platelets to speed up the healing of injured wounds, ligaments, muscles and joints. In this way, PRP injections use each patient's own healing system to improve musculoskeletal problems.

PRP injections are made by taking one to a few [prp-tubes](#) of your own blood and running them through a centrifuge to concentrate the platelets. These activated platelets are then injected directly into your injured or diseased body tissue. This releases growth factors that stimulate and increase the number of reparative cells produced by your body.

## Benefits of platelet rich plasma (PRP)

Platelet rich plasma has been found to dramatically improve the healing process and the use of PRP injection for shoulder pain caused by rotator cuff tears, Achilles tendon tears and other soft tissue damage is becoming increasingly common.

PRP has also been shown to improve function and relieve pain in people with tendonitis or chronic tendinosis conditions such as tennis elbow or golf elbow.

Some of the main benefits of PRP injections are that they can reduce the need for anti-inflammatory drugs or more effective medications such as opioids. In addition, the side effects of PRP injections are very limited as your body does not refuse or react negatively because the injections are made from your own blood.

Some examples of treatment areas where PRP has been used are:

**Trichology / hair growth** - doctors have injected PRP into the scalp to reduce the inflammation that can lead to hair loss.

**Tissue healing.** Doctors first used PRP to help people heal after jaw and plastic surgery. Examples of tissues on which PRP has been used include: tendons, ligaments, muscles. Ligaments can take time and be difficult to heal, which can make PRP an attractive option for some of those who have suffered injuries to this tissue group.

**Inflammation inhibiting.** Doctors used PRP to reduce inflammation from osteoarthritis. This inflammation can make joints painful and stiff.

## Platelet rich plasma (PRP) in aesthetics

Used in aesthetics, platelet rich plasma (PRP therapy) brings improvement in:

- Wrinkled skin on the neck and décolleté
- Ageing of the hands
- Lines and puffiness around the eyes
- Rejuvenation of the lips
- Acne scars
- Stretch marks
- Hair loss - Significant results for hair restoration
- Scar revision-stretch marks
- Orthopaedic Therapies and Healing - Joint Pain and Tendonitis

More Information: <https://www.prpmed.de>

Die [PRP-Zentrifuge](#) bietet Automatisierung und einfache Bedienung mit einfachen Schritten zum Trennen des autologen PRP.

Speziell für [PRP Röhrchen](#) entwickelt, um die Standard-Thrombozyteneigenschaft und die Standard-Thrombozytenzahl sicherzustellen

Mikroprozessor steuert alle Laufparameter für eine gleichbleibend hohe Thrombozytenausbeute

Sicherheitsmerkmale:

## Türverriegelung, Unwuchtabschaltung, Überlastschutz

- Einfache Bedienung
- Hygienisch:
- Leicht zu reinigen
- Stabil