

PLATELET RICH PLASMA (PRP) TREATMENT GUIDE

Introduction:

Healing after an injury involves a well-orchestrated and complex series of events where proteins in the blood act as messengers to regulate the entire process. Many proteins involved in the healing process are derived from small cell fragments in the blood called platelets.

Platelets are small, colorless, cell fragments present in the blood. They are formed in the bone marrow and are freely passing through the bloodstream in a resting state. However, when an injury occurs, the platelets become activated and start to gather at the injury site to release beneficial proteins called growth factors. This is the beginning of the healing process.

PRP is a concentration of platelets and growth factors created from a small amount of your own blood. Increased levels of growth factors have the potential to improve signaling and recruitment of cells. PRP Treatment provides additional support.

Common conditions for treatment include:

- Sport Injuries such as tennis elbow, rotator cuff damage and plantar fasciitis in runners
- Torn ligament
- Chronic joint pain
- Arthritis



How does the process work?

MSOC extracts a small amount of blood. This sample then goes through a rapid spinning process that separates and concentrates the platelets and other beneficial growth factors from the blood. It is then injected directly into the injured area. The entire PRP production process is usually done in less than 30 minutes.

What are the risks associated with this treatment?

Platelet Rich Plasma (PRP) uses your body's own natural properties to treat your injury. Side effects utilizing PRP systems are very uncommon.

It is important to share medications and medical conditions with MSOC to assist us in assessing whether or not this is a viable option for you and if so, determining the best course of action.

Will my insurance cover this procedure?

While PRP treatments have been around for many years, many insurance companies still consider this treatment experimental and deny coverage. Please contact your insurance company to confirm if they will cover this procedure. If not MSOC can discuss other options.

To learn more or inquire about your condition, please contact our office at 734.434.3020.