

A premium PRP protocol from blood draw to guided placement.

For many patients, PRP sounds simple, but the process drives the outcome. The clinical quality comes from optimizing each step and delivering the PRP under precise image guidance.

1. Large-volume draw

maxPRP begins with a 120cc sample so we start with a higher platelet count for concentration compared to lower-volume protocols.

2. Red cell separation

Steps 2 and 3 are performed in a Type A2 Biosafety cabinet to maximize sterility. The first spin removes the red cells and isolates the portion of the sample that matters most for PRP preparation.

3. Platelet concentration

The second spin focuses on concentrating platelets to ensure maximal injection power.

4. Sysmex Analyzer Verification

We measure and verify the platelet count on a Sysmex analyzer to accurately determine the platelet dose and concentration.

5. Ultrasound-guided Injection

Real-time ultrasound guidance helps deliver PRP to the intended location so placement is accurate and the PRP is not wasted.



Why Choose maxPRP?

- Higher volume blood draw for a higher total platelet dose.
- PRP preparation is performed in a Type A2 Biosafety cabinet to maximize sterility.
- Double-spin lab process to maximally concentrate platelets.
- Each sample is lab-tested for actual platelet count to ensure accuracy and transparency.
- Option to use one high-dose injection or plan multiple treatments based on your platelet dose.
- Real-time ultrasound guidance for precise PRP placement.



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maxPRP

Maximum Platelets
Maximum Precision
Maximum Flexibility



Advanced Platelet-Rich
Plasma therapy for joints,
tendons, and ligaments

What is PRP?

PRP is made from your blood and contains a high concentration of platelets suspended in plasma. Platelets carry growth and signaling factors that enhances healing in tissues such as tendons, ligaments, muscles, and joints.

Why maxPRP?

Not all PRP is prepared or delivered the same way. Our maxPRP protocol focuses on total platelet dose, precision, and transparency.

How the maxPRP Process Works

- We assess your condition and determine if PRP is appropriate and what type of PRP best suits your needs.
- **Blood draw:** We typically draw about 120cc (2X-4X more than other clinics) of blood to collect more total platelets.
- **Preparation:** Your PRP is prepared in a Type A2 Biosafety cabinet using a double-spin method to separate red cells and then maximally concentrate your platelets into a small volume of PRP.
- **Ultrasound-guided injection:** We use real-time ultrasound to place the PRP exactly into the target joint or tendon, eliminating guesswork and waste.
- We measure and verify your platelet count to assess how concentrated the PRP is, and so you can choose one or multiple injections.

Find out much more at orthoshoulder.com

Scan QR code to watch a Video about our process



Process

maxPRP

Other Clinics

Blood Draw
Volume

120 cc

Often much less

Biosafety

PRP is prepared in a Type A2
Biosafety Cabinet

PRP is prepared while
exposed to room air

Concentration
Method

Double spin
Centrifugation

Many use only
Single spin

Platelet Count
Verification

Platelet count is verified
on a Sysmex Analyzer

Not measured
and verified

Injection
Placement

Accuracy guided
by Ultrasound

Often done without
image guidance

Flexibility

Number of injections tailored
to your needs

Many use off the shelf kits
which limits flexibility