

XCELL PRP[®]

What Is Platelet-Rich Plasma (PRP)?



You may be reading this brochure because your doctor recommended that you have **platelet-rich plasma (PRP)** treatment.

Before you begin these treatments, however, you should understand what PRP is and how the XCELL PRP system is used to process PRP.



What is PRP?

Platelet-rich plasma is plasma (the liquid part of your blood) that contains a high concentration of your own platelets and growth factors.

Platelets are a component of blood best known for helping to form clots that stop the bleeding in damaged tissue.

However, platelets are also active in other steps of healing, such as influencing the inflammation process to prevent infection and contributing to tissue healing and repair.¹

Platelets also contain growth factors that help repair damaged tissue.²

PRP's high concentration of platelets and growth factors may safely and naturally stimulate the healing of damaged tissue.³

How is PRP created?

Your PRP treatment will be created from your own blood. The blood will be drawn, usually from your arm, into a small tube. The tube is then placed in a centrifuge device that spins the tube of blood to separate the red blood cells from the plasma. The spinning motion creates a layer of PRP that can be extracted into a syringe.

How is PRP administered?

Often during the same office visit, the PRP will be injected to the treatment site—with the goal of having the platelets and growth factors safely enhance your body's natural healing process.

Your doctor will make decisions about your PRP treatment protocol, such as how much of the PRP to use and the right technique to administer it.

Side effects of PRP treatment are usually limited to mild discomfort at the sites where your blood is drawn and where the PRP is injected.

Is PRP an option for me?

Only you and your healthcare provider can decide if PRP may be a good treatment option for you.



Plasma

Buffy coat

Red blood cells



STEP 1



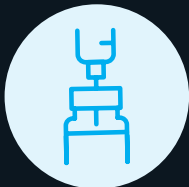
Your blood is drawn.

STEP 2



The tube is then placed into a centrifuge device that spins the tube of blood to separate the red blood cells from the plasma.

STEP 3



The layer of PRP is extracted into a syringe.

STEP 4



The PRP is injected to the treatment site.

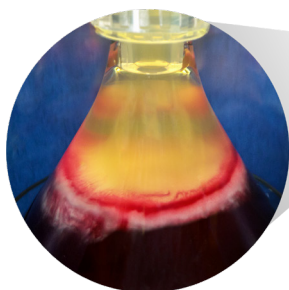
XCELL PRP®

Why XCELL PRP?

The XCELL PRP system was designed with time and results in mind. It uses a single 10-minute spin to prepare your PRP, meaning **less waiting and a more efficient experience for you and your doctor.**

- Each dose can deliver a high platelet count of up to 10 billion platelets.⁴
- The system is built for consistency and precision, using an advanced benchtop processing station.
- You can get a high-platelet count PRP with fewer steps and faster turnaround.

XCELL PRP provides a high-concentration solution to support your recovery—quickly, efficiently, and reliably.



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XCELL PRP®



Ask your doctor today
about XCELL PRP or
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References: 1. Eisinger F, Patzelt J, Langer HF. The platelet response to tissue injury. *Front Med (Lausanne)*. 2018;5:317. doi:10.3389/fmed.2018.00317 2. Lee C, Lee C, You H, Wu Y, Chen D. The growth factor content as an indicator of platelet counts in platelet-rich plasma. *Clinica Chimica Acta*. 2025;564:119901. doi:10.1016/j.cca.2024.119901 3. Pavlovic V, Ciric M, Jovanovic V, Stojanovic P. Platelet rich plasma: a short overview of certain bioactive components. *Open Med (Wars)*. 2016;11(1):242-7. doi:10.1515/med-2016-0048 4. Apex Biologix. Data on file, DOC-0004, June 2025.

Summary of Indications for Use: The XCELL PRP System is intended to be used for the safe and rapid preparation of autologous platelet-rich plasma (PRP) from a small sample of peripheral blood at the patient's point of care. The PRP is mixed with autograft and/or allograft bone prior to the application to a bony defect for improving handling characteristics.

Contraindications: The XCELL PRP Platelet Concentrating System may be contraindicated when used in a non-sterile environment, patients taking aspirin within 72 hours, drugs that affect platelet function, patients with any serious medical conditions that would make the subject unable to safely tolerate the extracorporeal blood components and/or volume required for the procedure. The blood products from this device are not to be used for transfusion.

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