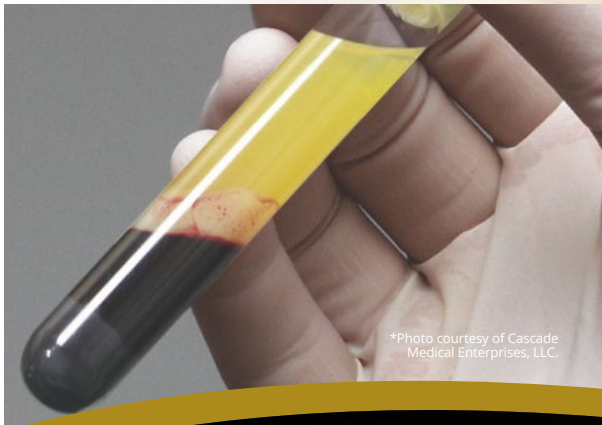


SELPHYL® PRP

The Selphyl® System is designed for the safe and rapid preparation of autologous Platelet Rich Plasma (PRP) from a small sample of blood at the patient point of care. Many PRP systems require operator skill, have varying results and have extensive contamination with red blood cells and white blood cells. Selphyl® removes virtually all contaminating cells and is independent of operator technique. Think of Selphyl® as the next generation PRP.

ULTRAPURE PRP

Selphyl® is based on the principle that platelets circulating in whole blood, poses all the essential proteins needed for tissue repair and regeneration. Using a standard blood collection procedure, the Selphyl kit separates and concentrates a patient's own platelets while removing the undesirable red and white blood cells to create a gold colored ultrapure liquid PRP. Once separated, your treating physician is able to administer the ultrapure PRP for orthopedic applications as deemed appropriate by the clinical use requirements.



*Photo courtesy of Cascade Medical Enterprises, LLC.



Ultrapure
Platelet Rich Plasma

System for the Preparation
of Autologous Platelet Rich
Plasma (PRP)

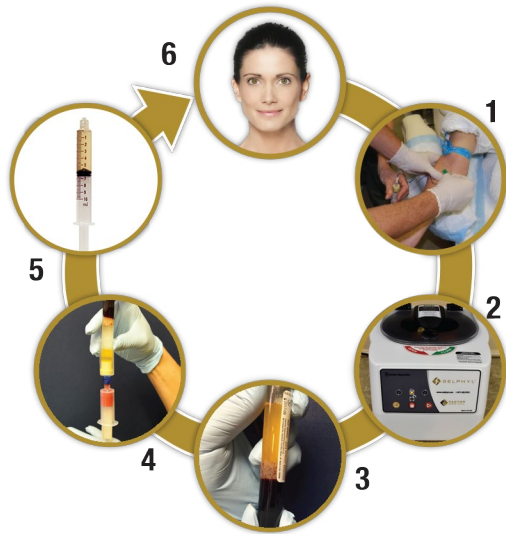


Learn more at

SELPHYL.COM

THE SELPHYL® PROCESS

1. During a short office visit (30 minutes), a small amount of a patient's own blood is drawn into a vacuum collection tube containing a cell separator gel.
2. The tube is then placed into a centrifuge and spun for six minutes to separate the blood into a supernatant plasma/platelet suspension.
3. The red and white blood cells are located below the cell separator gel.
4. The platelets and plasma are then transferred using a closed system, into a second vacuum tube containing a small amount of calcium chloride solution.
5. Fibrin polymerization begins and the PRP remains liquid for approximately 10 minutes.
6. The patient's own PRP is ready for use as deemed appropriate by the clinical use requirements.



HOW IT WORKS

HOW LONG DOES THE PROCEDURE TAKE?

The entire procedure takes about 30 minutes to perform in your doctor's office.

HOW MANY TREATMENTS ARE NEEDED?

The number of treatments needed depends on each individual patient, the desired outcome, and your doctor's treatment plan.

IS THE TREATMENT PAINFUL?

Unlike other products that are acidic (low pH), Selphyl® Ultrapure PRP is close to physiologic pH. After administration, there may be some temporary discomfort and some patients may experience occasional redness and bruising immediately following the treatment however, this usually is resolved very quickly.

SAFETY

ARE THERE ANY SIDE EFFECTS?

Because the Ultrapure PRP is produced from a patient's own blood, there is little to no risk of rejection and there have not been any known side effects to date, associated with Selphyl®. Some patients may experience temporary irritation or mild swelling, bruising, itching, discoloration or tenderness directly after administration. If irritation persists, please consult with your treating physician.

CAN ANYONE BE ALLERGIC TO SELPHYL®?

There is virtually no risk of allergic reaction. The Selphyl® Ultrapure PRP System is used to rapidly collect and isolate a patient's own platelets for administration and contains no animal or synthetic products.

Call your practitioner today to find out if Selphyl® Ultrapure Platelet Rich Plasma is right for you.

SELPHYL.COM

The SELPHYL® System is designed to be used for the safe and rapid preparation of autologous platelet-rich-plasma (PRP) from a small sample of blood at the patient point of care. The PRP is mixed with autograft and/or allograft bone prior to application to a bony defect for improving handling characteristics.