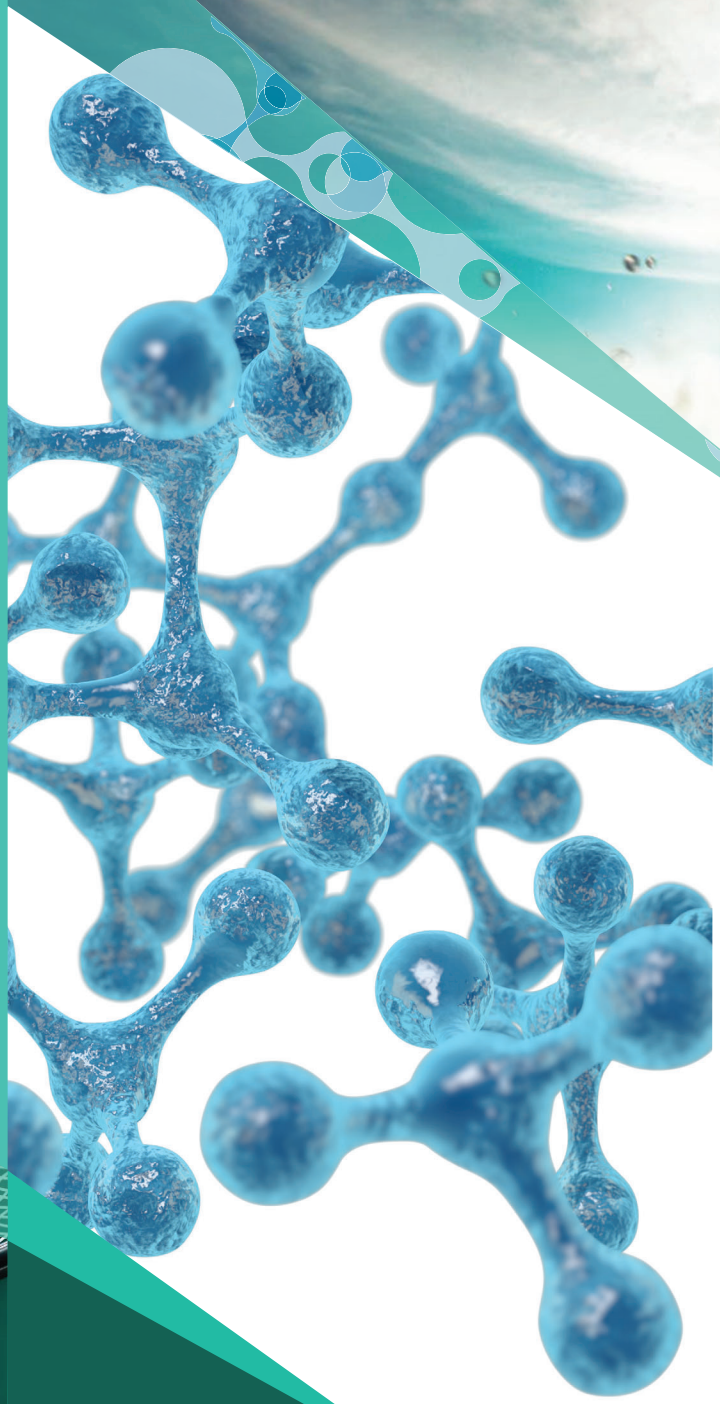
BENEFITS

Why Use SuperShot® PRP?

SuperShot® PRP is concentrated from your own blood. This special formulation contains healing factors, such as Extracellular Vesicles, microRNAs, white blood cells, and bioactive proteins, called growth factors and stem cell markers. These cells are vital for tissue regeneration and repair. The SuperShot® PRP contains platelets plus EVs and microRNAs giving the patient a more complete PRP, ultimately providing a faster and more robust healing cascade. With advanced techniques we are able to concentrate these regenerative healing cells in a simple outpatient setting.

- Minimally invasive
- Minimal to no downtime
- Speeds up and promotes healing
- Natural and organic, autologous from your own body
- Less side effects when compared to steroid injections or surgery



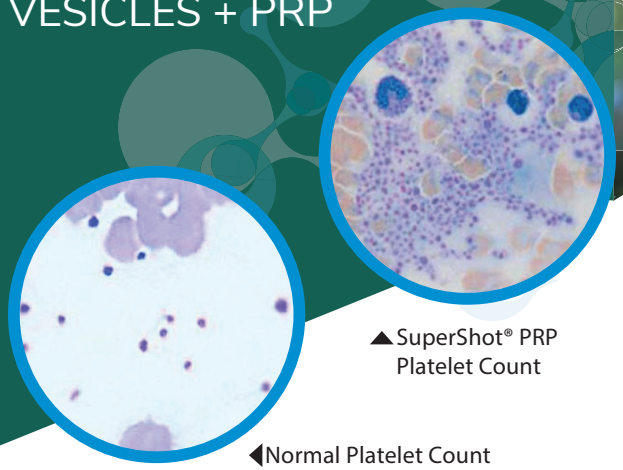
A Patient's Guide To

SUPERSHOT PRP

PRP WITH CONCENTRATED EXTRACELLULAR VESICLES

SuperShot® PRP: A more Complete Platelet-Rich-Plasma.

EXTRACELLULAR VESICLES + PRP



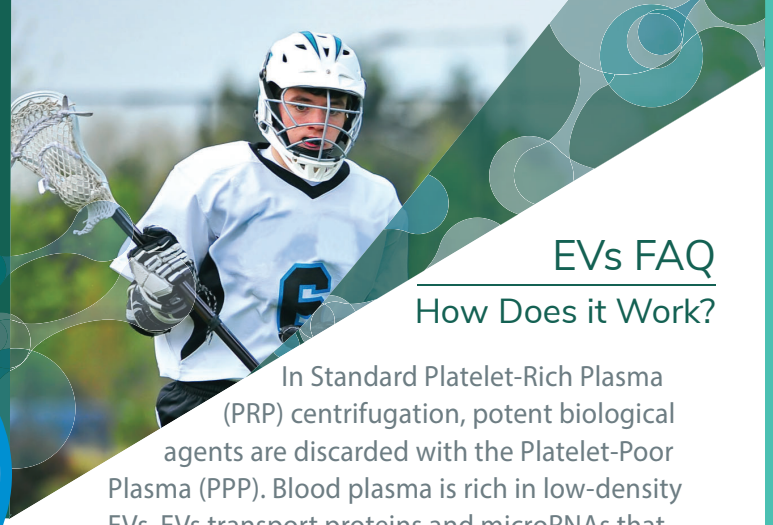
▲SuperShot® PRP Platelet Count

◀Normal Platelet Count

SUPERSHOT PRP

SuperShot® PRP provides the most complete PRP. It includes Extracellular Vesicles (EVs) which transport proteins and microRNAs essential for tissue rejuvenation, regeneration, and healing.

SuperShot® PRP increases your concentration of extracellular vesicles by hundreds of billions of units, and it increases the level of therapeutic micro RNAs in your PRP by almost 2X. SuperShot® PRP is safe and is a simple addition to the PRP treatment you are already having.



EVs FAQ

How Does it Work?

In Standard Platelet-Rich Plasma (PRP) centrifugation, potent biological agents are discarded with the Platelet-Poor Plasma (PPP). Blood plasma is rich in low-density EVs. EVs transport proteins and microRNAs that are essential for tissue regeneration, healing, vascularization, and rejuvenation. Standard PRP centrifugation does not isolate EVs and the important therapeutic molecules they contain within. With SuperShot® PRP technology, EVs are quickly isolated and incorporated into your PRP, resulting in a more complete PRP therapy.

Where are EVs found?

EVs are found in your blood. A blood draw is performed and is spun down multiple times in a centrifuge to obtain about 4.5 -9 mL of the patient's own platelet-poor plasma. SuperShot® PRP is added to the plasma and is further processed to isolate the patient's own low-density EVs.

Will it work for me?

The EVs isolated are autologous, collected and used at point-of-care, not shipped, or stored before use. The EVs in the plasma carry potent biologically active molecules, including microRNAs. MicroRNAs are critical signaling components during wound healing, tissue regeneration, and neo-vascularization. The MicroRNAs target numerous key gene pathways during the healing process.

In-Office Procedure

845 Billion Unique EVs

Limited Downtime

More MicroRNAs

The SuperShot® PRP Difference

In a standard PRP preparation, whole blood is centrifuged into three components, separated by density: red blood cells, Platelet-Rich Plasma, and Platelet-Poor Plasma. In SuperShot® PRP, the Platelet-Poor Plasma is centrifuged one additional time using the SuperShot® patent-pending aqueous two-phase system, that precipitates low-density lipid-rich EVs from the Plasma.

The SuperShot® Process

SuperShot® PRP is quick and easy. With just one additional 1-minute spin, SuperShot® adds hundreds of billions of therapeutic EVs (and the important signaling molecules they contain within) to your PRP.

SuperShot® PRP leverages the patient's own biology. Isolation of the low-density EV fraction from the patient's plasma results in a more complete PRP.

SuperShot® PRP does not use allogenic or xenosourced materials. SuperShot® PRP is 100% autologous, which means there is no risk from donor pathogens, unknown sourcing, unproven allogenic biologics, or immuno-rejection.

1. Draw 0.5cc of SuperShot®
2. Add the SuperShot® PRP to 4.5cc of platelet-poor plasma
3. Centrifuge for 1 minute
4. Aspirate the EV fraction found at the bottom of the device.
5. Add EV fraction to already prepared PRP for SuperShot® PRP.