

CAREprp - Quality, Quantity and Purity

Maximize platelet recovery, without red blood cell contamination, yielding higher concentrations at lower volumes with less blood drawn.

Unique design and uncomplicated process.

Gentle 23ml manual blood draw followed by 3 minutes of horizontal centrifugation with a gentle increase in speed for a very high quality/high platelet recovery rate.

Hourglass design and self-contained internal components allow you to easily identify and position the buffy coat and seal off/discard all red blood cells.

The three most frequently used options are:

- **Leukocyte-Rich PRP** - buffy coat in upper chamber
- **Monocyte-Rich PRP** - half of the buffy coat in neck; retrieving monocytes/lymphocytes w/o neutrophils.
- **Leukocyte-Poor PRP** - trap entire buffy coat

Aspirates from the bottom up to capture the highest concentrations first with impressive platelet viability.

Please call to schedule patient/staff-member trials:

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What is a Quality PRP?

- A good PRP yield is free of red blood cell contamination. Red blood cells interfere with platelet activity and cause pain, inflammation and bruising.
- Good PRP functions best in a pH neutral environment.
- Oxygen exposure increases the risk of contamination as well as platelet damage from oxidation; so, a closed system is best.
- A high platelet recovery may maximize the real concentration of usable platelets with, ideally, damage to platelets minimized by a gentle process at every step.
- A good PRP system is quick, uncomplicated and versatile.

What is a Platelet?

- A platelet is a cytoplasmic anucleated fragment derived from a megakaryocyte.
- A concentration of platelets injected into the site of injury may initiate tissue repair from the release of many different biological factors that are responsible for initiating the hemostatic cascade, synthesis of new connective tissues and revascularization.

What is in PRP?

- Platelets
- Plasma
- Proteins
- Growth Factors
- Lysosomes
- Exosomes, Etc.

The most current evolution of PRP:

Introducing carestreamprp.com

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