



## What sets PureSpin apart from other processing systems?

Multiple PRP systems on the market have spin times of over 20 minutes, while lacking the proper mechanism to provide consistency and accuracy in desired biologic retrieval. Often these systems rely on users approximating needle tips into microscopic borders within buffy coats, and attempting to draw viscous biologics, this results in large losses of successful platelet retrieval. As well other systems try to minimize processing times by utilizing less than adequate processing equipment that ends up damaging and prematurely activating a high percentage of available platelets; resulting in less than optimal conditions to ensure treatment efficacy.

Many other systems have a combination of poor platelet recovery and low viability levels due to intrinsic design flaws and inadequate equipment usage: devices with too much surface area or made with highly porous materials, such as glass, that attract platelets and allow them to stick easily or activate; poor mechanisms for isolating platelets for precise extraction that allow for inconsistency and user error; use of anticoagulants such as EDTA, and ACD-A, which can damage and lower platelet viability<sup>12</sup>; and low-grade lab centrifuges for processing, which can cause damage or early activation to a large portion of platelets due to fixed angle centrifugation (causing platelet-slip phenomenon), and hard-braking.

The success of PRP Therapy depends on the concentration of platelets in your injections. Standard PRP Kits only achieve 15% platelet recovery rate, this is not a Therapeutic dose which will not produce ideal results. PureSpin remains the only system on the market that can provide clinical platelet concentrations of greater than 6 times baseline in 4 ml of PRP, while simultaneously removing 99% of red blood cells (RBC's) and 98% of inflammatory neutrophils.

PureSpin PRP has been shown to consistently produce 81% platelet recovery rate ensuring ideal platelet concentrations in every PRP injection.



### Reasons To Choose PureSpin PRP System

1. True PRP Concentrated Double Spin Closed System
2. FDA Registered and ISO Certified
3. Highest Platelet Recovery Yield of 81%
4. Greatest Concentration of Deliverable Platelet 4-6 (x) times/Whole Blood Baseline
5. 2% Granulocytes Recovery with the Perfect Blend of WBCs
6. 1% Hematocrit - The Lowest Concentration of RBC
7. Centrifugation process time is 6 minutes, the shortest of all viable tabletop systems