



# Tropocells® PRP

Autologous platelet rich plasma & cell therapy technologies



Inside of tube is coated to prevent platelets and other anabolic cells from sticking.

Anticoagulant is buffered to a pH more than 7.0 to minimize influence on PRP and maximize patient comfort.

The patented gel traps the majority of the harmful neutrophils and 100% of the RBCs under the gel while preserving beneficial monocytes above the gel.

Vacuum Tube



Whole Blood

Platelets and monocytes rest directly above and on top of the gel barrier. They are resuspended during the preparation process.

Majority of the neutrophils, cells that are harmful to the reparative environment are sequestered beneath the gel barrier.

100% of the Inflammatory RBCs remain trapped beneath the gel barrier.



PPP

PRP

GEL

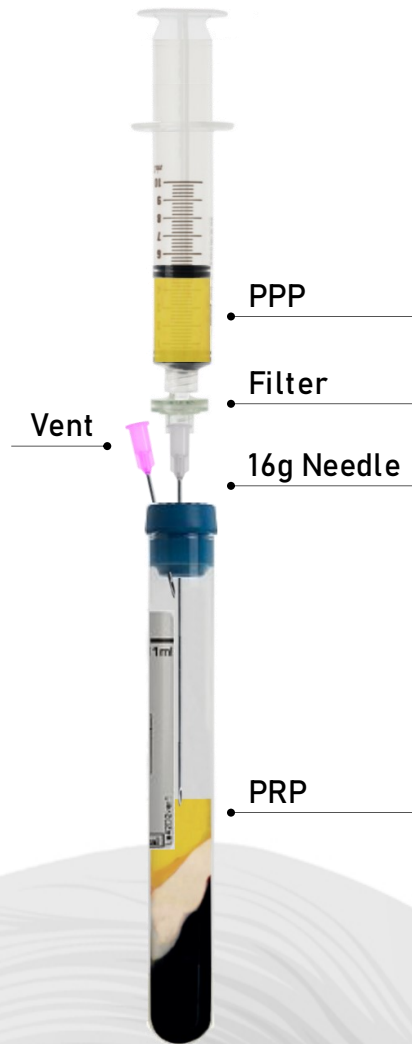
RBC

Post-centrifugation



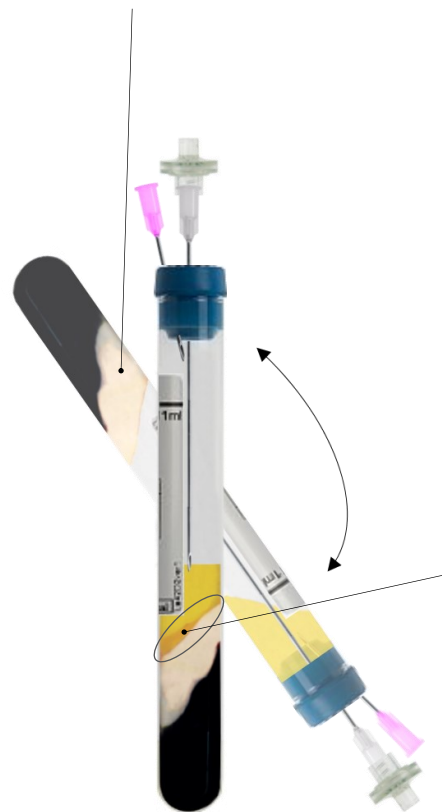
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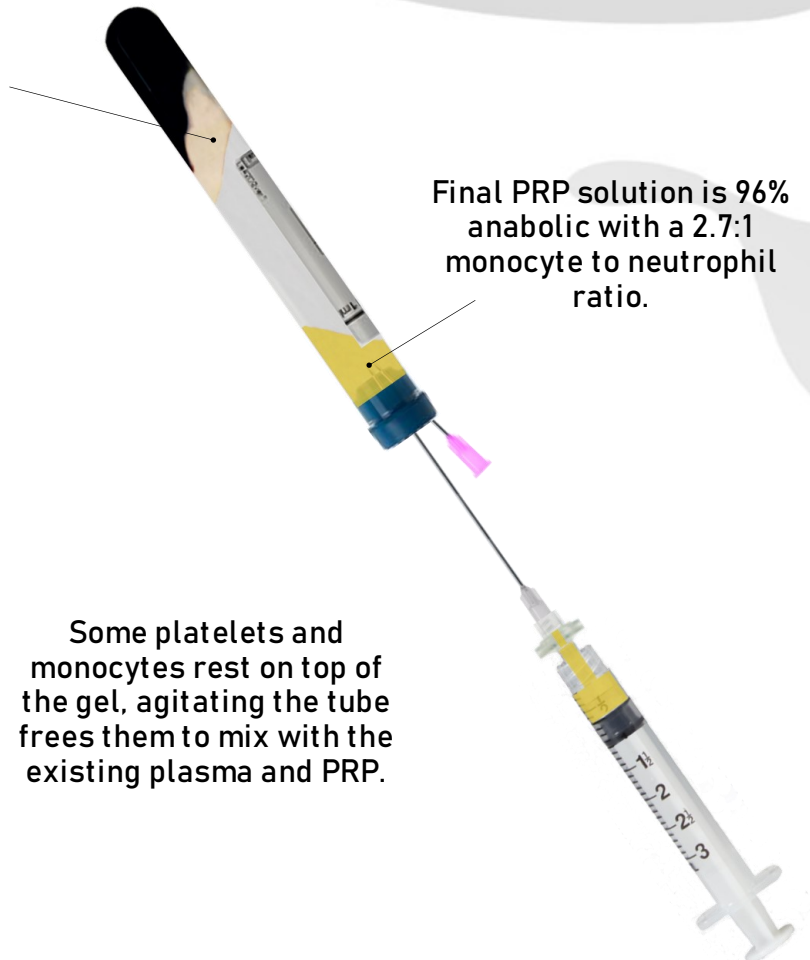


PPP Extraction

Gel remains stable throughout the resuspension and PRP withdrawal process.



PRP & PPP Resuspension



PRP Extraction