

# Platelet Rich Plasma Product Comparison Chart

EmCyte Corporation  
2015

	Most Desired 60mL System			
	PurePRP® 60mL	PurePRP® 30mL	PRP 544E 60mL	PRP 544E 30mL
Volume (mL)	7	4.5	7	4.5
<b>Concentrations</b>				
Platelet	7	5.3	6.7	5
Monocyte	6.1	1.7	7.3	5.2
Neutrophil	0.9	0.6	8.2	5.4
<b>Yield</b>				
Platelet	78%	81%	76%	68%
Monocyte	70%	78%	81%	58%
Neutrophil	2%	8%	87%	77%
<b>Total Platelet Values</b>				
Platelets/ $\mu$ L	1,293,000	1,072,228	1,305,500	1,061,163
<b>Platelets Delivered</b> <small>Most Important Clinically</small>	<b>9,051,000,000</b>	<b>4,932,250,000</b>	<b>9,138,500,000</b>	<b>4,563,000,000</b>
<b>PRP Hematocrit</b>				
HCT	1%	0%	46%	38%
<b>Processing Time</b>				
Minutes	6.5 min	6 min	5 min	5 min
<b>Number of Spins</b>				
Spins	2	2	1	1
<b>Protocol Time/Centrifuge Speed</b>				
First Spin Time	1.5 min	1.0 min	5 min	5 min
Second Spin Time	5.0 min	5.0 min	4400 RPM	4400 RPM
RPM	3800 RPM	4200 RPM		

\*\*\* The 30mL system that delivers the most amount of platelets in a treatment sample. Most clinically relevant.