

PROCEDURE GUIDE

CERVOS PRP

System and Processing Protocol
(CERVOS KeyPRP Double)

ASPIRE | MEDICAL
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C E R V O S
M E D I C A L



Proprietary platelet collection surface allows for maximum volume reduction, lowest hematocrit, highest platelet recovery, and highest increase over baseline, all in an easy to use and disposable closed system.



**Key Feature:
Platelet Collection Surface**

Concave surface efficiently collects platelets allowing for maximum volume reduction and customizable increases over baseline.



STEP 1:

Fill with desired amount of Anti-Coagulated Blood (20ml, 30ml, 40ml)

Place into centrifuge (Swingout Rotor Bucket) and use counterweight or additional disposable with equal weight

Swab port valve (remove residual blood)

Process: **No Brake!**

Volume	RCF*	Time
20ml	2300g	60sec
30ml	2300g	90sec
40ml	2300g	120sec



STEP 2:

Carefully remove disposable from centrifuge bucket.

Decant cloudy plasma to syringe. Stop decanting plasma when RBC interface enters neck of syringe luer.

*The Relative Centrifugal Force (RCF) is the amount of acceleration to be applied to the sample in the centrifuge. It depends on the Rotation Speed (RPM) and the Radius of the rotor. For more info and calculator visit <https://aspire-medical.eu/tools/centrifuge-rpm-rcf-calculator/>

The techniques and images shown are not intended to replace the instructions for use supplied in each device packaging.



STEP 3:

Add 2ml Anti-Coagulant to second disposable and load with cloudy plasma

Swab port valve

Place into centrifuge (Swingout Rotor Bucket) and use counter-weight or additional disposable with equal weight

Process: **No Brake!**

RCF: 2300g

Time: 6 Minutes



STEP 4:

Remove from centrifuge bucket. Platelets are visible on collection surface.

Decant upper clear plasma with syringe until desired final volume remains in process disposable:

Top indicator line: ~ 2ml

Middle indicator line: ~ 5ml

Bottom indicator line: ~ 10ml



STEP 5:

Attach 10ml syringe.

Flush back and forth to resuspend remaining plasma & platelets.

Extract PRP.



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