

# CERVOS KeyPRP Platelet Concentrate System

## Quick Step Guide: Blood Draw and Processing Steps CER-PRP-SINGLE Kit



### 1 Additional Materials Required

- 1x 50ml Syringe (Blood Collection)
- 1x 30ml Syringe (Plasma Collection)
- 1x 10ml Syringe (PRP Resuspension)

#### Phlebotomy Materials:

Butterfly (19G), Tourniquet, Bandage

Anticoagulant (AC) i.e., ACD-A Vial or Citrate Solution (i.e. CitraFlow™ 5ml Syringe)



### 2 Priming Instructions

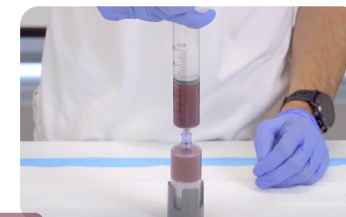
- Inject 5ml AC to Separator, Flush to Prime Kit.
- Extract AC from Separator with 50ml Blood Collection Syringe (~4ml)



### 3 Blood Draw

Use 50ml Blood Collection Syringe incl. remaining AC to draw blood to ~40-42ml mark

Purge air from Syringe



### 4 Load Process Separator

Attach Blood Draw Syringe to Separator  
Load ~40ml blood/AC into Separator\*

\* Excess blood can be used for baseline validation

Note: Remove thumb from blood draw syringe to allow pressure to equalize before detaching from separator.

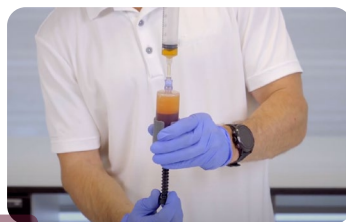


### 5 Load Centrifuge

Fill Counterweight with water/saline - ensure same weight as Separator

Load Counterweight & Separator into opposing centrifuge rotor buckets

Process **Cycle 1: 2300g / 2 min ; No Brake (!)**



### 6 Decant Plasma

Remove Separator from centrifuge

Attach ♀-Hub and 30ml Plasma Collection Syringe to Separator

Use Screw Set to slowly decant Plasma until desired cellular composition is reached



### 7 Conditioned Plasma

STOP decanting when "flash" of RBCs appear in the upper column of the ♀-Hub

Note: Remove thumb from blood draw syringe to allow pressure to equalize before detaching from concentrator.



### 8 Finished Product

Conditioned Plasma is Ready for Use