

PRO-STRIDE / RESTIGEN INSTRUCTIONS

Follow steps 1 to 6 for Restigen and
proceed with steps 7 to 9 for Pro-Stride

Checklist

- ACD-A
- 60ml syringe
- 30ml syringe
- 10ml (luer lock) syringe (2x for Pro-Stride)
- Preferred needles

1. Blood draw



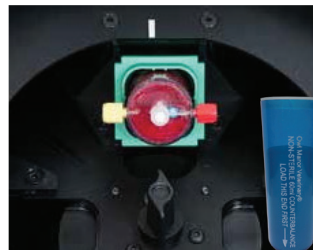
Attach needle to the 60 ml syringe, and withdraw 5 ml of ACD-A. Slowly draw 55 ml of blood (for a total of 60 ml) into the syringe.

2. Load blood



Unscrew the cap on the center top port (no. 1) and discard the green packaging post. Slowly load blood into the center port and attach the tethered cap to the top port.

3. Balance centrifuge



Push the 'Lock' button on control panel and open the upper lid. Place APS Separator into centrifuge. Be sure the centrifuge is balanced with a counterbalance or a second full APS Separator.

4. Spin in centrifuge



Close the lid and set the speed to 3200 RPM and time to 15 minutes. Press Start button. Once the spin is completed, open the lid.

5. Plasma extraction



Remove the yellow cap port (no. 2) and connect the 30 ml syringe. Remove plasma by tilting and avoid the blue vent from getting in contact with the liquid.

6. Restigen Suspension and extraction



Remove the red cap on the side port (no. 3) and connect 10 ml (luer lock) syringe. Withdraw 2 ml of PRP. Leave the syringe attached.



With the 10 ml syringe attached, suspend PRP by shaking the tube for 30 seconds.



Extract the remaining Restigen suspension into the attached 10 ml syringe.

Use suspension for treatment or proceed with Pro-Stride concentrator device.

7. Load Pro-Stride concentrator device



Gently shake the device to ensure beads are evenly distributed. Unscrew the yellow cap (port no 1.) on APS concentration device and fill with cell suspension from the 10 ml syringe. Remove syringe and attach tethered cap on part 1.



Spin paddle until the cell solution is fully mixed with beads.

8. Spin in centrifuge



Place the Pro-Stride device into the centrifuge. Balance centrifuge with Pro-Stride/APS counterbalance or a second full APS concentrator. Spin for 2 minutes at 2000 RPM.

9. Extract Pro-Stride solution



Gently resuspend the Autologous Protein Solution in the bottom of APS concentrator. Unscrew the red cap (port no. 2) and connect the sterile 10 ml (luer lock) syringe. Extract the Autologous Protein Solution.