**nSTRIDE™ Autologous Protein Solution**

### Processing Steps

1. **Blood Draw**
   - Attach 18 gauge needle to 60 ml syringe. Withdraw 5 ml of ACD-A (citrate anticoagulant). Prime apheresis needle with anticoagulant. Then slowly draw 55 ml of blood into the syringe. Gently mix anticoagulant with blood in syringe.

2. **Load nSTRIDE Cell Separator**
   - Unscrew cap on center top port (No. 1) of the nSTRIDE Cell Separator and discard green packaging post. Slowly load blood into center port. Remove syringe and attach tethered cap to the top port.

3. **Balance**
   - Push Open/Stop button on control of the centrifuge panel. The "unlocked" indicator will illuminate. Turn latch counterclockwise to open lid. Place tube into centrifuge. Be sure the centrifuge is balanced with an appropriate counterbalance or second full separator tube.

4. **Spin**
   - Close lid by rotating the lid latch clockwise. "Latched" indicator will illuminate. Set speed to 3200 RPM and time to 15 minutes. Press green start button. Once spin is complete the centrifuge will be unlocked. If one waits too long, one will need to press red button to illuminate "Unlocked" indicator. Twist latch counterclockwise to open lid.

5. **Plasma Extraction**
   - Remove yellow cap on side port (No. 2) and connect 30 ml syringe. Slowly tilt tube and withdraw plasma. Replace yellow cap.

6. **Cell Suspension and Extraction**
   - With 10 ml syringe attached, suspend cells by shaking tube for 30 seconds. Remove red cap on side port (No. 3) and connect 10 ml syringe. Withdraw 2 ml of cell suspension.

7. **Load nSTRIDE Concentrator**
   - Unscrew yellow cap (port No. 1) on nSTRIDE Concentrator and fill with cell suspension from 10 ml syringe. Remove 10 ml syringe and attach tethered cap to the top port.

8. **Spin**
   - Place nSTRIDE Concentrator into centrifuge. Balance centrifuge with appropriate counterbalance or second full autologous protein solution nSTRIDE concentrator tube. nSTRIDE concentrator tube.

9. **Extract APS**
   - Unscrew red cap (port No. 2) and connect sterile 10 ml syringe. Extract autologous protein solution (approximately 2-3 ml).

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