This workflow is based on a manual power injection and with an IV injection site. Prepare power injector with contrast and possibly saline, depending on type of power injector available.

1. Select the Neuro PBV organ program from the Exam Set Editor or Touch Screen Controls.

2. Set up for 3D following prompts on Assist Monitor.

**Injection Recommendation**
Typically start the IV injection about 2 seconds before starting the Mask Run

- **Dual Head Injector**
  
  60ml CM at 4-5ml/s and then followed by 60ml NaCl at 4-5ml/s

- **Single Head Injector**
  
  80ml CM at 4-5ml/s without NaCl

**Examination Sequence**
1. Start IV injection then press the acquisition button or pedal. Keep this button or pedal pushed for the entire sequence.

2. Manually start the Mask Run by pushing and releasing blue multifunction button on handswitch. Mask images are acquired.

3. C-arm returns

4. Bolus Watching Phase—when c-arm returns to starting position, a 2D DSA run will be displayed on the Artis LIVE monitor. Based on image content (usually upon first visualisation of CM in Superior Sagittal Sinus), manually
start Fill Run. Again, press and release the blue multifunction button on handswitch.

5. 3D acquisition is complete when doorbell is heard and/or 3D Completed is displayed on Assist Monitor.

6. 3D data is automatically sent to the syngo Workplace, reconstructed, and displayed.

Sequence Example: