Neuro PBV – Intra Venous Injection
Please refer to manual for complete system capability

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. Setup the 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 multifunction button on hand switch. Mask images are acquired.

3. C-arm returns.

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

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: