

Guidelines for IV access for Contrast

(Both central venous and peripheral venous)

All injections are monitored by the staff

Acceptable IV access: Lines that CAN be used for power injection (3-5 ml/sec < 300psi):

- Power rated triple lumen catheter
- Power rated port
- Power PICC line port (most common is the purple PICC from Bard)
- Single lumen power rated Cordis sheath in the neck (in the internal jugular vein only) or groin
- Standard 20g – 22g peripheral IV catheter located in an antecubital, upper forearm, wrist, or hand vein. For 22g in the hand use a reduced rate of injection < 3 ml/sec
- 20-24g power rated Diffusic. For the 24g Diffusic use a reduced rate up to 3 ml/sec injection rate only
- Any additional power rated lines must be verified as compatible for power injection

Lines that CANNOT be used for power injection: Get an alternative IV access

- Hickman
- Port-A-Cath (except for a power rated port)
- Single lumen central line, not power rated
- PICC and mid-lines, not power rated

Lines to be hand injected only

- External jugular line (secondary to risk of neck hematoma from extravasation)
- 24g peripheral IV catheter (non-Diffusic)

Dialysis catheters are NOT to be used for IV contrast