

INTRAVENOUS ACCESS—MISCELLANEOUS

1. Level: Paramedic, RN
2. Type 1
 - 2.1. Central Venous Lines: (Single, Double or Triple Lumen inserted Subclavian, IJ or Femoral)
 - 2.2. Hickman/Broviac Catheter: (Single or Double Lumen Catheter)
 - 2.3. Procedure
 - 2.3.1. Always aspirate a minimum of 3cc of blood from each port prior to each use to remove all heparin.
 - 2.3.2. Prepare the site: Clean each port with alcohol prep.
 - 2.3.3. Aspirate 3-5cc of blood from the desired port.
 - 2.3.3.1. If unable to aspirate blood, attempt to gently flush. If no resistance is met with flush, attempt to aspirate blood again. (Distal port is the best port to use, if difficulty is met aspirating blood)
 - 2.3.4. After aspirating blood, flush port with 10cc NS
 - 2.3.5. Connect IV fluids to port or push IV medications.
 - 2.3.6. If treatment is discontinued in any of the ports, flush with 10cc NS and clamp.
 - 2.3.7. If unable to aspirate blood from the port, do not use.
3. Type 2: PortaCath/Mediport: May only be accessed with a Heuber needle and additional training.
 - 3.1. Procedure
 - 3.1.1. Using a 10cc syringe flush Heuber needle with 5cc NS; leave the remaining 5cc attached to the extension.
 - 3.1.2. Don sterile gloves and clean site with alcohol and betadine.
 - 3.1.3. Grasp Heuber needle with 1 hand and stabilize the port with the other hand – locate the septum.
 - 3.1.4. With a firm steady motion, insert the needle into the port.
 - 3.1.5. Aspirate. If unable to aspirate, flush port with NS and try to aspirate blood again.
 - 3.1.6. After aspirating blood, flush with 10cc NS.
 - 3.1.7. If unable to aspirate blood in septum, do not use.