

# Southern Illinois Regional EMS System

## II-5 INITIATION OF EXTERNAL JUGULAR VEIN IV'S

Refer to the Initial of Peripheral IV protocol for the equipment and preparation of this procedure

Initiating the External Jugular IV:

- Stabilize the vein by applying pressure with one finger just above the clavicle.
- With the bevel of the needle up, pass the needle through the skin and enter the vein midway between the angle of the jaw and the mid-clavicular line.
- You should be able to feel the needle “pop” through the vein.
- When the needle has entered the vein, there will be a blood return through the needle.
- When using the over-the-needle catheter advance the needle about 2mm beyond the point where the blood return was first encountered.
- Carefully withdraw the needle, holding the catheter steady.
  - DO NOT RECAP THE NEEDLE:
  - Dispose of the needle in a provided puncture resistant bio hazard container.
- Attach the IV tubing and open the clamp to permit unimpeded flow.
  - The fluid should flow freely in a steady stream into the infusion reservoir.
  - If the flow appears minimal:
    - Pull back slightly on the catheter, as the tip may be against the wall of the vein.
- When good flow has been established:
  - Secure the catheter in place using tape or a commercial IV securing device.
    - Loop the IV tubing and secure it to the arm.
  - Adjust the flow rate of the infusion per order or protocol.