

Femoral Vein Cannulation Skill Sheet	Possible Points	Points Awarded
Checks selected IV fluid for proper fluid, clarity and expiration date.	3	
Sets up equipment and prepares infusion set.	3	
Uses body substance isolation precautions.	2	
Locates vein 1 cm medial to the femoral artery, or in the patient without a pulse, the midpoint of an imaginary line drawn between the pubic tubercle and the anterior iliac spine.	5	
Meticulously prepares site with antiseptic solution.	3	
Verbalizes infiltration of 1% lidocaine in conscious patient.	3	
Performs venipuncture: -Attaches a 5 or 10 ml syringe to the catheter. (1 point) -Positions the needle 2-3 cm below the inguinal ligament and medial to the artery. (1 point) -Directs the needle at a 45 degree angle to the skin and aims toward the umbilicus. (1 point) -Inserts stylet until the needle will advance no farther. (1 point) -Maintains suction on the syringe and pulls the needle back slowly until blood appears in the syringe. (1 point) -Notes or verbalizes flashback (1 point) -Advances catheter into the vessel. (1 point) -Occludes vein proximal to catheter (1 point) -Removes stylet and syringe. (1 point)	9	
Connects IV tubing to catheter.	3	
Ensures patency of infusion.	5	
Secures catheter	3	
Adjusts flow rate.	2	
Properly disposes of stylet.	1	
Places antibiotic ointment over venipuncture site.	1	
Dresses venipuncture site with sterile dressing.	1	
Securely tapes catheter and IV tubing in place.	1	
TOTAL SCORE	45	

Critical Criteria

- _____ Failure to establish a patent infusion within 6 minutes.
- _____ Failure to take body substance isolation precautions prior to venipuncture.
- _____ Contaminates equipment or site without appropriately correcting the situation.
- _____ Any improper technique resulting in the potential for air embolism or catheter shear.
- _____ Inserts catheter against flow of blood.
- _____ Failure to successfully establish an IV within 3 attempts during the 6 minute time limit.
- _____ Failure to assure correct catheter placement before attaching administration set.

_____ Failure to dispose of sharps in proper container.
_____ Failure to properly suture and dress the incision.