

**PREPARING / MONITORING INTRAVENOUS (IV) LINES**

Student Name \_\_\_\_\_ Date \_\_\_\_\_

	Points Possible	Points Earned
<b>EXAMINATION STEPS AND PROCEDURES</b>		
Takes or verbalizes body substance isolation precautions	1	
<b>Verbalizes the correct IV bag for the appropriate patient:</b>		
Verbalizes indications for which patient should receive a small IV bag vs. large IV bag		
<u>Small IV bag:</u>		
a) Medication administration	1	
b) IV Access (protocol)	1	
<u>Large IV bag:</u>		
a) Hypovolemia (ex. Dehydration, GI bleed, etc.)	1	
b) Hypotension	1	
c) Trauma	1	
<b>Inspect IV Bag: (D.I.C.E)</b>		
Read label on IV solution	1	
Check that IV bag has no leaks	1	
Check that IV solution is clear	1	
Check IV expiration date	1	
<b>Prepare Solution and Tubing:</b>		
Select appropriate tubing (micro / macro)	1	
Open tubing package	1	
Grasp IV tubing by drip chamber	1	
Move roller clamp on tubing:		
a) Upwards toward drip chamber	1	
b) Close clamp	1	
Remove protective cap off solution bag. Use care and do not touch the inside of opening.	1	
Remove protective cap on the piercing pin on infusion set. Use care and do not touch end.	1	
Insert tubing end into solution bag. Use care and do not touch connecting areas.	1	
<b>Flush Tubing:</b>		
Squeeze drip chamber to fill half full of IV solution	1	
Open roller clamp and allow for fluid to run, removing all air bubbles from the entire length of tubing	1	
<b>Set IV Drip Rate:</b>		
Adjust valve until IV is dripping at a to keep open (TKO) rate	1	
Monitor IV drip rate continuously	1	
<b><i>Instructor advises student the IV flow rate has stopped</i></b>		
<b>IV Stops – Attempt to Reestablish:</b>		
Open roller clamp to run fluid	1	
Reposition patient's arm	1	
Examine tubing for kinks	1	
Loosen any constricting tape or clothing	1	
<b><i>Instructor will ask student what is the definition of infiltration.</i></b>		
Verbalizes that infiltration is where the IV catheter has come out of the vein or the vein had burst causing the IV fluid to enter the interstitial space and in no longer intravenous.	1	
Examine site for infiltration (swelling, pain)	1	
Turn off roller clamp if IV is infiltrated	1	
Leave tubing connected to the IV cannula and notify the paramedic or nurse	1	

**PREPARING / MONITORING INTRAVENOUS (IV) LINES**

Student Name \_\_\_\_\_ Date \_\_\_\_\_

EXAMINATION STEPS AND PROCEDURES		
<b>IV Troubleshooting:</b>		
If the drip chamber fills up, close the roller clamp and turn the IV bag upside down and squeeze solution from the drip chamber back into the IV bag	1	
If blood backs up into the IV tubing after it is connect or during patient movement, open the drip chamber to a wide open rate to flush the IV line and keep the IV bag above the level of the heart, and then return the rate to a TKO once the line is cleared	1	
<b>TOTAL</b>	32	

*Minimum Points: 26*

**CRITICAL CRITERIA**

- \_\_\_\_\_ Did not take or verbalize body substance isolation precautions
- \_\_\_\_\_ Did not DICE the drug
- \_\_\_\_\_ Did not verbalize the indications for when to use a small vs. large IV bag
- \_\_\_\_\_ Did not select the correct tubing for the right IV bag
- \_\_\_\_\_ Did not avoid touching the sterile piercing pin and inlet port on IV solution
- \_\_\_\_\_ Did not fill drip chamber half full prior to opening roller guide
- \_\_\_\_\_ Did not remove all air from the IV tubing prior to administering to patient
- \_\_\_\_\_ Did not set to a TKO rate
- \_\_\_\_\_ Did not verbalize measures to attempt to correct IV flow if it stops
- \_\_\_\_\_ Did not define infiltration and steps to correct the problem

\_\_\_\_\_ PASS \_\_\_\_\_ FAIL

Instructor \_\_\_\_\_