



# Stafford County Fire and Rescue Department EMS Training



## Blood Administration

### LifeFlow Infuser with LifeFlow Blood Y Administration Set

Date: \_\_\_\_\_

Candidates' Name: \_\_\_\_\_

Evaluator's Name: \_\_\_\_\_

<b>Objective:</b> The candidate will infuse one unit simulated blood using the LifeFlow Infuser with LifeFlow Blood Y Administration Set.	
Task	Completed
Verbalizes patient criteria: SI $\geq$ 1.0	
Establish two large bore IVs.	
Identify the largest IV for infusing blood	
Attach short IV Extension Tubing to IV Catheter	
Open LifeFlow Blood Y Administration Set and add Qinflow CDU	
Close both upper roller clamps	
Open LifeFlow Infuser canopy, load syringe (with number visible, and white plunger in the blue slot	
Double spike bag of Normal Saline to one side of the Blood Y Administration Set	
Open Normal Saline upper roller clamp	
Squeeze drip chamber half-full, <u>squeeze bottom of drip chamber to release the blue ball upward</u>	
Point LifeFlow Infuser upward and cycle trigger to prime tubing	
Attached Qinflow CDU to Patient (IV Extension Tubing).	
Attach Qinflow Warrior Base Unit cable to CDU	
Power on Qinflow Warrior Base Unit	
Close Normal Saline upper roller clamp	
Complete Blood Inspection: <ul style="list-style-type: none"> <li>• Check that the blood type is O-Positive Blood</li> <li>• Check the expiration date to ensure the blood is in date</li> <li>• Check the Hemo-Trac Blood Temperature Indicator is displaying Green</li> </ul>	
Blend the unit of blood by <u>gently</u> rotating the bag end over end	
Spike unit of blood to LifeFlow Blood Y Administration Set. A Pressure Infuser Bag shall not be used with the LifeFlow Infuser	
Open blood upper roller clamp	
Trigger LifeFlow Infuser to infuse blood, each trigger cycle infuses 10ml	
Monitor Qinflow Warrior Base Unit display to ensure the outflow temperature is 38° C (100° F)	
After blood infusion, close the blood upper roller clamp	
Open Normal Saline upper roller clamp and flush the tubing with a small amount of Normal Saline. Trigger LifeFlow Infuser to flush tubing	
Reassess Patient	



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Question: <i>Why do you point the LifeFlow Infuser upward when priming the tubing?</i> Answer: Purge air from the bag/tubing to decrease air embolism.	
Question: <i>Why is the maximum flow 170ml/min?</i> Answer: This is the fastest the QinFlow CDU can warm the blood to 100° F.	