

INTRAVENOUS INFUSION PROFICIENCY

Under direct supervision, the student will successfully initiate five intravenous infusions. Steps which are starred (*) must be accomplished for the student to receive credit for the IV start.

- * 1. Uses appropriate infection control precautions
- * 2. Avoid contamination of equipment
 - 3. Confirms order
- * 4. Correctly collects the components for the IV start
 - 5. Examines solution for cloudiness, leaks, and expiration date
 - 6. Correctly opens IV bag or bottle
- * 7. Open IV tubing and extension set (if used) and connects without contaminating setup
 - 8. Closes control valve below drip chamber
- * 9. Inserts IV tubing into the portal on the IV bag or bottle
 - 10. Hangs solution on IV hanger
- *11. Squeezes drip chamber until half full of solution
- *12. Flushes tubing to remove air
 - 13. Explains procedure to patient
- *14. Places constricting band around patient's arm
 - 15. Palpates veins and chooses appropriate site
- *16. Cleanses skin
 - 17. Stabilizes vein distally
- *18. Enters skin with bevel of needle facing upward without contamination of site or equipment
- *19. Enters vein, obtains flashback
- *20. Advances catheter into vein
- *21. Connects IV tubing
- *22. Removes constricting band
- *23. Opens control valve to assure free flow
- *24. Secures IV catheter and tubing in place and dresses site
- *25. Sets drip rate at rate order
- *26. Disposes of contaminated materials

PRECEPTOR	HOSPITAL	DATE	PT AGE/GENDER
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			

After an EMT-Intermediate or Paramedic student has successfully established five intravenous infusions, he/she may attempt to obtain a PROFICIENCY CHECK. The clinical preceptor should observe the student establish a peripheral IV without assistance. If the student successfully establishes the IV, the preceptor should complete the statement that follows. If the student is unable to establish the IV or demonstrates significant problems with technique, the student should be required to demonstrate proficiency on a subsequent attempt.

I, _____, have observed _____

(Print Preceptor's Name) (Print Student's Name)

correctly start an intravenous infusion on a patient. Since EMT-Intermediates and Paramedics initiate IV infusions under standing orders or under orders received via radio contact with a physician in the Emergency Department, they must be able to perform this skill without direct supervision.

This student has demonstrated to my satisfaction, based on this and previous observations, that he/she is proficient in the skill of starting and managing intravenous infusions and could perform this skill without direct supervision.

Signature of Preceptor _____

Signature of Student _____

Date _____