



NORTH CAROLINA BOARD OF NURSING  
NURSE AIDE II TRAINING MODULE

**SKILL MODULE 7: PERIPHERAL IV FLUIDS**

**Part A: Preparing for Administration of IV Fluids**

**Part B: IV Fluid Monitoring Flow Rate**

**Part C: IV Fluids Site Care and Client Activities**

**Part D: Discontinuing Peripheral Intravenous Infusions**

TIME FRAME	LEARNING OBJECTIVES	RELATED CONTENT (OUTLINE)	LEARNING ACTIVITIES	EVALUATION
	up intravenous fluids	D. Set up of IV fluids 1. Equipment 2. Sterile technique 3. Correct solution 4. Flushing tubes		

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**PART B: IV FLUID MONITORING FLOW RATE**

**SPECIAL DIRECTIONS OR NOTATIONS:**

- Successful completion of the “Sterile Technique” module is required prior to this module.
- All four parts of this module, including skills checklists must be successfully completed in order to complete this training module.
- This activity is a non-direct client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. The NAII does not connect any tubing or IV fluids directly to the client. If the IV needs to be disconnected for client activity, then the licensed nurse must do this and then reconnect the IV to the client.
- **NAIs may not adjust flow rate.** Only licensed nurses (RN or LPN) may perform this activity.
- Competency validation should occur in the clinical area whenever possible; however, in those limited situations where this is not possible, laboratory simulation of the clinical setting is permissible.
- Only the RN may provide nurse aide training and competency validation. The LPN may provide subsequent delegation and supervision when working with a nurse aide.

TIME FRAME	LEARNING OBJECTIVES	RELATED CONTENT (OUTLINE)	LEARNING ACTIVITIES	EVALUATION
	<p><b>PART B: IV FLUID MONITORING FLOW RATE</b></p> <p>State two (2) observations necessary to insure appropriate IV flow</p> <p>Identify one cause of an obstructed IV</p> <p>Discuss the significance of a slowing in the IV rate</p> <p>Describe additional important observation in the client receiving IV fluids</p> <p>Identify special considerations related to client age</p>	<p>A. Monitoring IV fluids</p> <ol style="list-style-type: none"> <li>1. Flow rate per nurse’s instruction</li> <li>2. Equipment function checks               <ol style="list-style-type: none"> <li>a. tubing                   <ol style="list-style-type: none"> <li>(1) kinks</li> <li>(2) position</li> <li>(3) bubbles</li> </ol> </li> <li>b. drip chamber</li> <li>c. clamp</li> <li>d. pump/controller</li> </ol> </li> </ol> <p>B. Other observations</p> <ol style="list-style-type: none"> <li>1. Position of client extremity</li> <li>2. Volume in container</li> <li>3. Client complaints</li> </ol> <p>C. Special considerations</p> <ol style="list-style-type: none"> <li>1. Children</li> <li>2. Elderly</li> </ol>	<p>Lecture/discussion</p> <p>Laboratory demonstration and return demonstration for the following:</p> <ol style="list-style-type: none"> <li>a. determining flow rate</li> <li>b. inspecting equipment to determine patency</li> <li>c. determining volume of solution remaining in container</li> </ol>	<p>Written test</p> <p>Skills Checklist Competency Evaluation in the clinical setting (Part B)</p>



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**PART D: DISCONTINUING PERIPHERAL INTRAVENOUS INFUSIONS**

**SPECIAL DIRECTIONS OR NOTATIONS:**

- Successful completion of the “Sterile Technique” module is required prior to this module.
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- This activity is a non-direct client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. The NAI does not connect any tubing or IV fluids directly to the client. If the IV needs to be disconnected for client activity, then the licensed nurse must do this and then reconnect the IV to the client.
- **NAIs may not adjust flow rate.** Only licensed nurses (RN or LPN) may perform this activity.
- Competency validation should occur in the clinical area whenever possible; however, in those limited situations where this is not possible, laboratory simulation of the clinical setting is permissible.
- Only the RN may provide nurse aide training and competency validation. The LPN may provide subsequent delegation and supervision when working with a nurse aide.

TIME FRAME	LEARNING OBJECTIVES	RELATED CONTENT (OUTLINE)	LEARNING ACTIVITIES	EVALUATION
	<p><b>PART D: DISCONTINUING PERIPHERAL INTRAVENOUS INFUSIONS</b></p> <p>Describe the process for discontinuing a peripheral IV</p>	<p>A. Discontinuing a peripheral IV</p> <ol style="list-style-type: none"> <li>1. Rationale</li> <li>2. Nurse’s instructions</li> <li>3. Equipment</li> <li>4. Procedure</li> <li>5. Site dressing</li> <li>6. Site description</li> <li>7. Report to licensed nurse</li> </ol>	<p>Lecture/discussion</p> <p>Laboratory demonstration and return demonstration of procedures for the following:</p> <ol style="list-style-type: none"> <li>a. assembling equipment needed to discontinue IV</li> <li>b. discontinuing IV</li> <li>c. dressing site</li> <li>d. documenting appropriate information</li> </ol>	<p>Written test</p> <p>Skills Checklist Competency Evaluation in the clinical setting (Part D)</p>

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**SKILLS CHECKLIST COMPETENCY EVALUATION**

**PERIPHERAL IV FLUIDS PART A: ASSEMBLING AND FLUSHING TUBING DURING SET-UP**

**SPECIAL DIRECTIONS OR NOTATIONS:**

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- All four parts of this module, including skills checklists must be successfully completed in order to complete this training module.
- This activity is a non-direct client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. **The NAII does not connect any tubing or IV fluids directly to the client.** If the IV needs to be disconnected for client activity, then the licensed nurse must do this and then reconnect the IV to the client.
- **NAIIs may not adjust flow rate.** Only licensed nurses (RN or LPN) may perform this activity.
- Competency validation should occur in the clinical area whenever possible; however, in those limited situations where this is not possible, laboratory simulation of the clinical setting is permissible.
- Only the RN may provide nurse aide training and competency validation. The LPN may provide subsequent delegation and supervision when working with a nurse aide.

**COMPETENCY STATEMENT:** Demonstrate ability to assemble and flush IV tubing during set-up

**CRITERIA:**

1. Obtains directions from licensed nurse
2. Gathers necessary equipment
3. Washes hands
4. Removes protective coverings from solution container and tubing
5. Closes roller clamp
6. Connects tubing to solution container
7. Partially fills drip chamber
8. Opens clamp and flushes air from tubing
9. Closes clamp and recaps tubing
10. Reports information to licensed nurse

This entire activity has been properly performed, without prompting and without assistance, by

\_\_\_\_\_.  
(Name of student)

**RN INSTRUCTOR:**

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

I agree that I have performed this skill without prompting and without assistance on the above dates.

Student Signature: \_\_\_\_\_ Date \_\_\_\_\_

**SKILL MODULE 7: PERIPHERAL IV FLUIDS**

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**SKILLS CHECKLIST COMPETENCY EVALUATION**

**PERIPHERAL IV FLUIDS: PART B – IV FLUID MONITORING**

**SPECIAL DIRECTIONS OR NOTATIONS:**

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- This activity is a non-direct client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. **The NAII does not connect any tubing or IV fluids directly to the client.** If the IV needs to be disconnected for client activity, then the licensed nurse must do this and then reconnect the IV to the client.
- **NAIs may not adjust flow rate.** Only licensed nurses (RN or LPN) may perform this activity.
- Competency validation should occur in the clinical area whenever possible; however, in those limited situations where this is not possible, laboratory simulation of the clinical setting is permissible.
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**COMPETENCY STATEMENT:** Demonstrate ability to properly monitor IV fluid flow rate

**CRITERIA:**

1. Obtains IV fluid flow rate from licensed nurse
2. Counts number of drops per minute being administered to client or observes IV pump to verify correct rate of flow.
3. Identifies volume remaining in IV fluid bag
4. Inspects IV equipment for patency
5. Observes client’s position related to IV flow
6. Reports information to licensed nurse

This entire activity has been properly performed, without prompting and without assistance, by

\_\_\_\_\_.  
(Name of student)

**RN INSTRUCTOR:**

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

I agree that I have performed this skill without prompting and without assistance on the above dates.

Student Signature: \_\_\_\_\_ Date \_\_\_\_\_

**SKILL MODULE 7: PERIPHERAL IV FLUIDS**

**Part A: Preparing for Administration of IV Fluids**

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**Part C: IV Fluids Site Care and Patient Activities**

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**PERIPHERAL IV FLUIDS: PART C – IV FLUIDS SITE CARE AND CLIENT ACTIVITIES**

**SPECIAL DIRECTIONS OR NOTATIONS:**

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- This activity is a non-direct client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. **The NAII does not connect any tubing or IV fluids directly to the client.** If the IV needs to be disconnected for client activity, then the licensed nurse must do this and then reconnect the IV to the client.
- **NAIIs may not adjust flow rate.** Only licensed nurses (RN or LPN) may perform this activity.
- Competency validation should occur in the clinical area whenever possible; however, in those limited situations where this is not possible, laboratory simulation of the clinical setting is permissible.
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**COMPETENCY STATEMENT:** Demonstrate ability to properly redress a peripheral IV site and to perform client care activities for client receiving IV fluids

**CRITERIA:**

1. Receives directions from licensed nurse
2. Explains procedure to client
3. Washes hands
4. Assembles dressing materials needed
5. Puts on gloves
6. Removes dressing with gloves
7. Discards soiled dressing and gloves
8. Washes hands
9. Puts on sterile gloves (for teaching purposes, sterile gloves are used. However, some agencies may permit the application of the dressing using clean gloves)
10. Applies sterile dressing
11. Secures dressing
12. Removes gloves
13. Disposes of contaminated dressing and gloves
14. Washes hands
15. Documents appearance of peripheral IV site
16. Reports information to licensed nurse
17. Changes client gown with IV in place
18. Ambulates client who is receiving IV fluids

This entire activity has been properly performed, without prompting and without assistance, by \_\_\_\_\_  
(Name of student)

**RN INSTRUCTOR:**

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

I agree that I have performed this skill without prompting and without assistance on the above dates.

Student Signature: \_\_\_\_\_ Date \_\_\_\_\_

**SKILL MODULE 7: PERIPHERAL IV FLUIDS**

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**SKILLS CHECKLIST COMPETENCY EVALUATION**  
**PERIPHERAL IV FLUIDS: PART D – DISCONTINUING PERIPHERAL INTRAVENOUS INFUSIONS**

**SPECIAL DIRECTIONS OR NOTATIONS:**

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**COMPETENCY STATEMENT:** Demonstrate ability to properly discontinue a peripheral intravenous infusion

**CRITERIA:**

1. Obtains directions from licensed nurse
2. Explains procedure to client
3. Washes hands
4. Gathers necessary equipment and supplies
5. Identifies the client
6. Puts on gloves
7. Confirms that tubing clamp is closed off
8. Removes site dressing and peripheral intravenous device
9. Applies direct pressure to site until bleeding is controlled
10. Applies appropriate pressure dressing to site
11. Removes and discards gloves
12. Discards supplies and equipment
13. Washes hands
14. Documents information
15. Reports client information to licensed nurse

This entire activity has been properly performed, without prompting and without assistance, by

\_\_\_\_\_  
(Name of student)

**RN INSTRUCTOR:**

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

<b>Name/Date</b>	
<b>Select One</b>	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

I agree that I have performed this skill without prompting and without assistance on the above dates.

Student Signature: \_\_\_\_\_ Date \_\_\_\_\_