**PART A: PREPARING FOR ADMINISTRATION OF IV FLUIDS**

**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.
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<td>7 hours (Parts A, B, C, &amp; D)</td>
<td><strong>PART A: PREPARING FOR ADMINISTRATION OF IV FLUIDS</strong></td>
<td><strong>A. Introduction</strong>&lt;br&gt;1. Purposes&lt;br&gt;2. Classes of IV solutions&lt;br&gt;3. Common names of solutions</td>
<td>Lecture/discussion</td>
<td>Written test</td>
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<td>State two (2) purposes for administering IV fluids</td>
<td><strong>B. Information</strong>&lt;br&gt;1. Identification of client&lt;br&gt;2. Nurse’s instructions&lt;br&gt;3. Body weight&lt;br&gt;4. Vital signs&lt;br&gt;5. Intake and output record&lt;br&gt;6. Verification of correct solution</td>
<td>Laboratory demonstration and return demonstration of the steps in assembling equipment necessary to set up IV fluids</td>
<td>Skills Checklist Competency Evaluation in the Clinical Setting (Part A)</td>
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<td>List four (4) classes of IV solutions and their major components</td>
<td><strong>C. Delivery devices</strong>&lt;br&gt;1. Types&lt;br&gt;2. Equipment</td>
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<td>Identify information needed as a part of preparing for IV fluid administration</td>
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<td>Discuss the delivery devices for IV fluid administration</td>
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<td>Identify equipment necessary to set</td>
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### 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**

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|            | up intravenous fluids | D. Set up of IV fluids  
1. Equipment  
2. Sterile technique  
3. Correct solution  
4. Flushing tubes |                     |            |
### PART B: IV FLUID MONITORING FLOW RATE

**SPECIAL DIRECTIONS OR NOTATIONS:**
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| State two (2) observations necessary to insure appropriate IV flow | A. Monitoring IV fluids  
1. Flow rate per nurse’s instruction  
2. Equipment function checks  
a. tubing  
   (1) kinks  
   (2) position  
   (3) bubbles  
b. drip chamber  
c. clamp  
d. pump/controller | Lecture/discussion  
Laboratory demonstration and return demonstration for the following:  
a. determining flow rate  
b. inspecting equipment to determine patency  
c. determining volume of solution remaining in container | Written test |
| Identify one cause of an obstructed IV flow | | | | |
| Discuss the significance of a slowing in the IV rate | B. Other observations  
1. Position of client extremity  
2. Volume in container  
3. Client complaints | | | |
| Describe additional important observation in the client receiving IV fluids | C. Special considerations  
1. Children  
2. Elderly | | | |
| Identify special considerations related to client age | | | | |
| | | | | |
# SKILL MODULE 7: PERIPHERAL IV FLUIDS

## PART C: IV FLUID SITE CARE AND CLIENT ACTIVITIES

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| PART C: IV FLUID SITE CARE AND CLIENT ACTIVITIES | A. Caring for the venipuncture site  
1. Common sites  
2. Normal appearance  
3. Abnormal appearance  
   a. phlebitis (redness)  
   b. infiltration (swelling)  
   c. infection | Lecture/discussion | Written test |
| | B. Related client care activities  
1. Dressing change  
   a. equipment  
   b. procedure  
2. Removing/replacing a client’s gown  
3. Ambulation of client with an IV  
   a. client education  
   b. sudden movement  
   c. tension on tubing  
   d. notifying licensed nurse | Laboratory demonstration and return demonstration of procedures for the following:  
   a. redressing an IV site  
   b. changing gown of a client with an IV in place  
   c. assisting in ambulation of a client with an IV | Skills Checklist  
  Competency Evaluation in the clinical setting (Part C) |
| | Identify the most common sites for venipuncture | | | |
| | Describe the appearance of a normal venipuncture site | | | |
| | Define phlebitis and infiltration | | | |
| | Recognize and Report two (2) signs each of phlebitis and infiltration | | | |
| | Discuss the care activities for the client with an IV | | | |
PART D: DISCONTINUING PERIPHERAL INTRAVENOUS INFUSIONS

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| **PART D: DISCONTINUING PERIPHERAL INTRAVENOUS INFUSIONS** | Describe the process for discontinuing a peripheral IV | A. Discontinuing a peripheral IV  
1. Rationale  
2. Nurse’s instructions  
3. Equipment  
4. Procedure  
5. Site dressing  
6. Site description  
7. Report to licensed nurse | Lecture/discussion  
Laboratory demonstration and return demonstration of procedures for the following:  
a. assembling equipment needed to discontinue IV  
b. discontinuing IV  
c. dressing site  
d. documenting appropriate information | Written test  
Skills Checklist  
Competency Evaluation in the clinical setting (Part D) |
### 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 Patient Activities**

**Part D: Discontinuing Peripheral Intravenous Infusions**

### SKILLS CHECKLIST COMPETENCY EVALUATION

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

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**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:**

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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 Patient Activities
Part D: Discontinuing Peripheral Intravenous Infusions

SKILLS CHECKLIST COMPETENCY EVALUATION

PERIPHERAL IV FLUIDS: PART B – IV FLUID MONITORING

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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)

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

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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)

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SKILL MODULE 7: PERIPHERAL IV FLUIDS

Part A: Preparing for Administration of IV Fluids
Part B: IV Fluid Monitoring Flow Rate
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Part D: Discontinuing Peripheral Intravenous Infusions

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

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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

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