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

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.
- This activity is a <u>non-direct</u> client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. <u>The NAII does not connect any tubing or IV fluids directly to the client.</u> 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.

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

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

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

PART B: IV FLUID MONITORING FLOW RATE

SPECIAL DIRECTIONS OR NOTATIONS:

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TIME FRAME	LEARNING OBJECTIVES	RELATED CONTENT (OUTLINE)	LEARNING ACTIVITIES	EVALUATION
	PART B: IV FLUID MONITORING FLOW RATE			
	State two (2) observations necessary	A. Monitoring IV fluids 1. Flow rate per nurse's instruction	Lecture/discussion	Written test
	to insure appropriate IV flow	Equipment function checks a. tubing	Laboratory demonstration and	
	Identify one cause of an obstructed IV	(1) kinks (2) position	return demonstration for the following:	Skills Checklist
	Discuss the significance of a slowing in the IV rate	(3) bubbles b. drip chamber c. clamp d. pump/controller	a. determining flow rate b. inspecting equipment to determine patency c. determining volume of	Competency Evaluation in the clinical setting (Part B)
	Describe additional important observation in the client receiving IV	B. Other observations	solution remaining in container	
	fluids	Content observations Nosition of client extremity Volume in container Client complaints	Container	
	Identify special considerations related	·		
	to client age	C. Special considerations 1. Children 2. Elderly		

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

PART C: IV FLUID SITE CARE AND CLIENT ACTIVITIES

SPECIAL DIRECTIONS OR NOTATIONS:

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- This activity is a <u>non-direct</u> client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. <u>The NAII does not connect any tubing or IV fluids directly to the client.</u> 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.
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 nurse aide.

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

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

PART D: DISCONTINUING PERIPHERAL INTRAVENOUS INFUSIONS

SPECIAL DIRECTIONS OR NOTATIONS:

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- This activity is a <u>non-direct</u> client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. <u>The NAII does not connect any tubing or IV fluids directly to the client.</u> 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.
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 nurse aide.

TIME FRAME	LEARNING OBJECTIVES	RELATED CONTENT (OUTLINE)	LEARNING ACTIVITIES	EVALUATION
	PART D: DISCONTINUING PERIPHERAL INTRAVENOUS INFUSIONS		Lecture/discussion	
	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 	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	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

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 <u>non-direct</u> client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. <u>The NAII does not connect any tubing or IV fluids directly to the client.</u> 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 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 act	tivity has been properly performed, without prompting and without assistance, by	
(Name of student)		
RN INSTRU	JCTOR:	
Name/Date		
Select One	□ Clinical Setting □ Laboratory □ Simulation	
Nema/Data		
Name/Date		
Select One	□ Clinical Setting □ Laboratory □ 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

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

SPECIAL DIRECTIONS OR NOTATIONS:

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- 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
- 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:				
Name/Date				
Select One	□ Clinical Setting □ Laboratory □ Simulation			
Name/Date				
Select One	□ Clinical Setting □ Laboratory □ 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
- Part B: IV Fluid Monitoring Flow Rate
- Part C: IV Fluids Site Care and Patient Activities
- Part D: Discontinuing Peripheral Intravenous Infusions

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

SPECIAL DIRECTIONS OR NOTATIONS:

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- This activity is a <u>non-direct</u> client care activity which is done in preparation for the licensed nurse (RN or LPN) to initiate or continue the administration of IV fluids. <u>The NAII does not connect any tubing or IV fluids directly to the client.</u>
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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				
	ivity has been properly performed, without prompting and without assistance, by(Name of student)			
RN INSTRU	CTOR:			
Name/Date				
Select One	□ Clinical Setting □ Laboratory □ Simulation			
Name/Date				
Select One	□ Clinical Setting □ Laboratory □ 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

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 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

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

(Name of student)			
RN INSTRUCTOR:			
Name/Date			
Select One	□ Clinical Setting □ Laboratory □ Simulation		
Name/Date			
Select One	□ Clinical Setting □ Laboratory □ Simulation		
I agree that I have performed this skill without prompting and without assistance on the above dates.			
Student Signature:Date			