

SKILL MODULE 6: TRACHEOSTOMY CARE (ESTABLISHED TRACHEOSTOMY)

SPECIAL DIRECTIONS OR NOTATIONS:

- Successful completion of the “Sterile Technique” module is required prior to this module.
- The client is considered to have an established tracheostomy when **ALL** of the following are present: (1) stoma well-healed; (2) airway is patent; and (3) a licensed nurse has performed the tracheostomy care for the client a sufficient number of times to assure that the delegation of this task is consistent with the criteria outlined in 21 NCAC 36.0221(h).
- Tracheostomy suctioning by the NAI shall not involve any need for nursing assessment and shall only be performed during tracheostomy care or under an established plan of care for clients with established tracheotomies as noted in special directions (see above). Clients needing frequent suctioning or assessment must have this provided by the licensed nurse (RN or LPN) or family member if at home.
- 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	<p>Define tracheostomy</p> <p>State two (2) reasons tracheostomy tubes are inserted</p> <p>Discuss types of tracheostomy tubes</p> <p>Discuss the procedure for cleaning a tracheostomy tube</p> <p style="margin-left: 20px;">a. single</p> <p style="margin-left: 20px;">b. double</p> <p>Discuss the procedure for suctioning an established tracheostomy</p>	<p>A. Definition of tracheostomy care</p> <p>B. Purposes of tracheostomy tubes</p> <p style="margin-left: 20px;">1. Removal of secretions</p> <p style="margin-left: 20px;">2. Facilitate breathing</p> <p>C. Types of tracheostomy tubes</p> <p style="margin-left: 20px;">1. Disposable/non-disposable</p> <p style="margin-left: 20px;">2. Single cannula</p> <p style="margin-left: 20px;">3. Double cannula</p> <p>D. Procedure for cleaning tracheostomy tube</p> <p style="margin-left: 20px;">1. Equipment needed</p> <p style="margin-left: 20px;">2. Cleaning</p> <p style="margin-left: 20px;">3. Dressing change</p> <p style="margin-left: 20px;">4. Tie change</p> <p style="margin-left: 20px;">5. Safety precautions</p> <p>E. Procedure for suctioning</p> <p style="margin-left: 20px;">1. Equipment needed</p> <p style="margin-left: 20px;">2. Determining need for suctioning</p> <p style="margin-left: 20px;">3. Setting predetermined pressure</p> <p style="margin-left: 20px;">4. Method</p> <p style="margin-left: 20px;">5. Safety precautions</p> <p>F. Reporting and recording</p> <p style="margin-left: 20px;">1. Vital signs</p> <p style="margin-left: 20px;">2. Skin color</p> <p style="margin-left: 20px;">3. Client response</p>	<p>Lecture/discussion</p> <p>Laboratory demonstration and return demonstration of assembling equipment needed for cleaning a tracheostomy tube</p> <p>Laboratory demonstration and return demonstration of proper procedure for cleaning a tracheostomy tube</p> <p>Laboratory demonstration and return demonstration of assembling equipment needed for suctioning a tracheostomy tube</p> <p>Laboratory demonstration and return demonstration of proper procedure for suctioning a client with an established tracheostomy:</p> <p style="margin-left: 20px;">a. adjusting correct suction pressure</p> <p style="margin-left: 20px;">b. determining proper depth for suctioning, not to exceed length of tracheostomy tube</p>	<p>Written test</p> <p>Skills Checklist</p> <p>Competency</p> <p>Evaluation in Clinical Setting</p>

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SKILLS CHECKLIST COMPETENCY EVALUATION

SPECIAL DIRECTIONS OR NOTATIONS:

- Successful completion of the “Sterile Technique” module is required prior to this module.
- The client is considered to have an established tracheostomy when **ALL** of the following are present: (1) stoma well-healed; (2) airway is patent; and (3) a licensed nurse has performed the tracheostomy care for the client a sufficient number of times to assure that the delegation of this task is consistent with the criteria outlined in 21 NCAC 36.0221(h).
- Tracheostomy suctioning by the NAll shall not involve any need for nursing assessment and shall only be performed during tracheostomy care or under an established plan of care for clients with established tracheotomies as noted in special directions (see above). Clients needing frequent suctioning or assessment must have this provided by the licensed nurse (RN or LPN) or family member if at home.
- 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.
- Certain steps in tracheostomy care (noted below) must be directed by a licensed nurse and cannot be performed independently

COMPETENCY STATEMENT: Demonstrate tracheostomy care for client with an established tracheostomy

CRITERIA:

1. Obtains directions from licensed nurse
2. Assembles supplies/equipment to perform tracheostomy care (including suction)
3. Explains procedure to client according to licensed nurse instructions
4. Obtains base line vital signs
5. Positions client according to licensed nurse instructions
6. Washes hands
7. Opens and prepares tracheostomy care kit or individual supplies
8. Puts on gloves as directed by licensed nurse (i.e., sterile or non-sterile)
9. Suctions as needed during tracheostomy care or under an established plan of care
 - a. Uses suction pressure less than 100 mm mercury
 - b. Applies intermittent suction for no longer than 10 seconds
 - c. Withdraws catheter in rotating motion
10. If directed by licensed nurse to care for the inner cannula (conventional or disposable)
 - a. Open and prepare supplies
 - b. Put on gloves as directed by licensed nurse (i.e., sterile or non-sterile)
 - c. Remove inner cannula
 - d. Place inner cannula in basin of agency specified cleaning solution
11. Removes dressing from around tracheostomy area, if directed by licensed nurse and changes gloves
12. Washes hands
13. Cleanses stoma and tube flanges if directed by licensed nurse
14. Rinses stoma and tube flanges if directed by licensed nurse
15. Applies tracheostomy gauze under neck plate of tube if directed by licensed nurse
16. Washes hands
17. For non-disposable inner cannula care as directed by licensed nurse
 - a. Puts on gloves as directed by licensed nurse (i.e., sterile or non-sterile)
 - b. Cleans and rinses inner cannula with sterile/non-sterile water or sterile/non-sterile saline (non-sterile liquid and water versus saline will be determined by licensed nurse)
 - c. Dries inner cannula (directed by licensed nurse)
 - d. Reinserts inner cannula and locks into place (directed by licensed nurse)
 - e. Removes and disposes gloves
 - f. Washes hands
18. For disposable inner cannula care as directed by licensed nurse
 - a. Washes hands
 - b. Opens disposable cannula container without touching cannula

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- c. Puts on sterile gloves
 - d. Remove inner cannula and discard
 - e. Replace inner cannula with new disposable cannula and lock into place
 - f. Removes and disposes gloves
 - g. Washes hands
19. Changes tracheostomy ties if needed
 20. Washes hands
 21. Obtains client's vital signs and notes skin color
 22. Disposes of waste material/equipment, following appropriate standard precautions
 23. Removes and disposes gloves
 24. Washes hands
 25. Documents tracheostomy care and client response
 26. Reports appropriate 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	<input type="checkbox"/> Clinical Setting <input type="checkbox"/> Laboratory <input type="checkbox"/> Simulation

Name/Date	
Select One	<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 _____