****NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DATE \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**SKILL PERFORMANCE EVALUATION**

AIRWAY EMERGENCY / AIRWAY MANAGEMENT

**SUCTIONING - TRACHEOSTOMY TUBE AND STOMA**

**PERFORMANCE OBJECTIVES**

Demonstrate proficiency in suctioning a patient with a tracheostomy tube while maintaining aseptic technique.

**EQUIPMENT**

Simulated adult or pediatric tracheostomy manikin, tracheostomy tube (metal/plastic) with an inner cannula, oxygen tank with connecting tubing, T-bar or tracheal mask, suction device with connecting tubing or hand-powered suction device with adaptor, sterile flexible suction catheter, sterile saline irrigation solution, sterile container, sterile saline irrigation vial/ampule and 5cc syringe with removable needle or saline squeeze ampule, pediatric resuscitation, sterile and unsterile gloves, eye protection, masks, gown, waste receptacle, timing device.

**SCENARIO**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**EXAMINER(S):**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Attempt: 1st 2nd 3rd (final)**

PASS

FAIL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | | |
| **PREPARATION** | | | | |
| **Skill Component** | | **Yes** | **No** | **Comments** |
| Establishes body substance isolation precautions | |  |  |  |
| Assesses the patient for the need to suction tracheal secretions | |  |  |  |
| Ensures the tracheostomy ties are secure | |  |  |  |
| Ensures suction device is working | |  |  |  |
| Opens suction kit or individual supplies | |  |  |  |
| Opens/unfolds the sterile container and fill with irrigation solution | |  |  |  |
| Sets appropriate suction setting: | **For the adult patient:**  100-120 mmHg |  |  | Scenario dependent |
| **For Peds and Elderly:**  Peds/Elderly 60-100mmHg |  |  |
|  | | | | |
| **PROCEDURE** | | | | |
| **Skill Component** | | **Yes** | **No** | **Comments** |
| Measures the suction catheter against the length of the inner cannula or spare tracheostomy tube | |  |  |  |
| Pre-oxygenates patient | Increase oxygen liter flow to 15 Liters/minute for several breaths – if on oxygen |  |  |  |
| Ventilate with BMV device 4-5 times |  |  |
| Removes oxygen source – *if on oxygen* | |  |  | Scenario dependent |
| Unlocks and removes inner cannula - *if the device has an inner cannula* | |  |  |  |
| Dons sterile gloves – *if indicated* | If the tracheostomy tube is new (4-6 weeks) |  |  | Scenario dependent |
| If the patient is immunocompromised |  |  |
| Connects the catheter to the suction tubing/device and keeps dominant hand sterile – *if wearing sterile gloves* | |  |  | All must connect the catheter |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Skill Component** | | | **Yes** | **No** | **Comments** |
| Suctions a small amount of irrigation solution to lubricate the catheter | | |  |  |  | |
| Inserts catheter into tracheostomy tube/stoma **without applying suction** | | |  |  |  | |
| Advances catheter gently to the pre-measured suction depth appropriate level: | **For tracheostomy tube:**  Advances the suction catheter to the measured length into the tracheostomy tube | |  |  | Scenario dependent | |
| **For a stoma:**  Advances the suction catheter approximately three (3) inches into the stoma | |
| Suction while withdrawing catheter using a rotating motion | | |  |  |  | |
| Suctions no more than: | | Adult – max 10 sec |  |  | Scenario dependent | |
| Peds – max 5-10 sec |  |  |
| Infants – max 5 sec. |  |  |
| Neonates – max 3 sec |  |  |  | |
| Replaces oxygen source – *if indicated* | | |  |  |  | |
| Delivers positive pressure ventilation – *if indicated* | | Adult 12-20/min |  |  | Scenario dependent | |
| Peds 12-20/min |
| Infant 12-20/min |
| Neonate 40-60/min |
| Evaluates airway patency and heart rate | | |  |  |  | |
| Suctions the remaining water into a canister | | |  |  |  | |
| Discards the container appropriately | | |  |  |  | |
| Discards contaminated catheter appropriately | Coils the contaminated catheter around a gloved hand and pull the glove over the catheter | |  |  |  | |
| Pulls glove from other hand over packaged catheter and discard in approved waste receptacle | |
| Dons a clean set of gloves | | |  |  |  | |
|  | | | | | | |
| **REPLACE INNER CANNULA** | | | | | | |
| **Skill Component** | | | **Yes** | **No** | **Comments** | |
| Checks for a clean or spare the inner cannula | | |  |  |  | |
| Removes the oxygen source – *if applied* | | |  |  |  | |
| Replaces and locks the clean inner cannula in place | | |  |  |  | |

Developed: 1/10 Revised: 11/2018