

H: Respiratory Care

Major Competency Area: **H**
Respiratory Care

Competency: **H-1**
Airway Management

Date: January 16, 2017

A Licensed Practical Nurse will:

- H-1-1 Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in airway assessment and management.**
- H-1-2 Demonstrate knowledge and ability to manage airway issues associated with acute and chronic conditions.**
- H-1-3 Demonstrate knowledge and ability to assist in the management of airway devices including:**
- oropharyngeal airway (OPA)
 - includes insertion and removal
 - nasopharyngeal airway (NPA)
 - includes removal
 - endotracheal airway (trach)
 - laryngeal mask airway (LMA)
 - other respiratory assist devices:
 - self-inflating resuscitator (Ambu-bag)
 - self-inflating resuscitator via mask
 - bilevel positive airway pressure (BiPAP)
 - continuous positive airway pressure (CPAP)
- H-1-4 Demonstrate knowledge and ability to provide care for client with mechanical ventilation according to agency policy.**
- H-1-5 Demonstrate knowledge and ability to provide health teaching and coaching associated with respiratory disorders including:**
- activity intolerance
 - airway management
 - altered sleep pattern
 - anxiety
 - ineffective airway clearance
 - ineffective breathing pattern
 - trauma

Major Competency Area: **H**
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Competency: **H-2**
Oxygen Therapy

Date: January 16, 2017

A Licensed Practical Nurse will:

- H-2-1 Demonstrate knowledge and ability to recognize indications and contraindications for oxygen administration.**
- H-2-2 Demonstrate knowledge and ability to apply and manage oxygen therapy devices including:**
- aerosol mask (simple face mask)
 - self-inflating resuscitator (bag-valve mask)
 - nasal cannula
 - non re-breathing mask
 - mechanical ventilation
 - oropharyngeal airway (OPA)
 - bilevel positive airway pressure (BiPAP) machine
 - continuous positive airway pressure (CPAP) machine
 - humidified high flow generator (ex Airvo)
 - ○ assess and monitor only
- H-2-3 Demonstrate knowledge and ability to care for client with oxygen therapy devices including:**
- laryngeal mask airway (LMA)
 - nasopharyngeal airway (NPA)
- H-2-4 Demonstrate knowledge of safety precautions when utilizing oxygen therapy.**

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Competency: **H-3**

Suctioning

Date: January 16, 2017

A Licensed Practical Nurse will:

- H-3-1 Demonstrate knowledge and ability to recognize indications and contraindications for suctioning.**
- H-3-2 Demonstrate knowledge and ability to perform suctioning beyond the pharynx according to agency policy:**
- appropriate size and lumen of suction catheters
 - appropriate suction pressure
 - frequency of suctioning
 - appropriate depth
- H-3-3 Demonstrate knowledge and ability to perform endotracheal suctioning according to agency policy.**
- appropriate size and lumen of suction catheters
 - appropriate suction pressure
 - frequency of suctioning
 - appropriate depth
- H-3-4 Demonstrate knowledge and ability to maintain suctioning equipment.**

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Competency: **H-4**
Respiratory Interventions

Date: January 16, 2017

A Licensed Practical Nurse will:

- H-4-1 Demonstrate knowledge and ability to provide respiratory interventions.**
- H-4-2 Demonstrate knowledge and ability to recognize indications and contraindications for performing chest physiotherapy:**
- assisted coughing
 - deep breathing and coughing
 - incentive spirometer
 - orthopneic position
 - percussion (clapping)
 - postural drainage
 - vibration
 - cough assist machines
- H-4-3 Demonstrate knowledge and ability to evaluate effects of respiratory interventions.**

Major Competency Area: **H**
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Competency: **H-5**
Tracheostomy Care

Date: January 16, 2017

A Licensed Practical Nurse will:

- H-5-1 Demonstrate knowledge and ability to recognize indications and contraindications associated with tracheostomy tubes.**
- H-5-2 Demonstrate knowledge and ability to manage tracheostomy care:**
- administering nebulized medication into a tracheostomy
 - changing tracheostomy dressing
 - changing and/or cleaning an inner cannula of a tracheostomy tube
 - changing of tracheostomy ties
 - cleaning a tracheostomy tube
 - changing established tracheostomy
 - deflating/inflating a tracheostomy cuff
 - humidification
 - capping a tracheostomy tube
 - suctioning
 - using manual resuscitator (Ambu bag)
- H-5-3 Demonstrate knowledge of indications and contraindications of mechanical ventilation.**
- H-5-4 Demonstrate knowledge and ability to manage a client with mechanical ventilation.**

Major Competency Area: **H**
Respiratory Care

Competency: **H-6**
Chest Tubes

Date: January 16, 2017

A Licensed Practical Nurse will:

H-6-1 Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in care for client with chest drainage system.

H-6-2 Demonstrate knowledge and ability to recognize indications and contraindications for chest tube insertion such as:

- hemothorax
- pleural effusion
- pneumothorax
- surgical treatment
- tension pneumothorax

H-6-3 Demonstrate knowledge and ability to assist with insertion/removal of pleural chest tube.

H-6-4 Demonstrate knowledge and ability to maintain an established chest drainage system.

H-6-5 Demonstrate knowledge and ability to manage chest tube dressing changes.

H-6-6 Demonstrate knowledge and ability to identify complications and appropriate interventions for client with chest drainage system including:

- absence of fluid fluctuation in water seal chamber
- apparatus lifted to client's chest
- apparatus malfunction
- chest tubes dislodged
- continuous bubbling in the water seal chamber
- hemorrhage
- incorrect tube placement
- monitor drainage (amount/colour)
- pulmonary edema
- signs of infection
- subcutaneous emphysema
- tube occlusion

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