F: Respiratory Care
A Licensed Practical Nurse will:

F-1-1 Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in airway assessment and management.

F-1-2 Demonstrate knowledge and ability to manage airway issues associated with acute and chronic conditions.

F-1-3 Demonstrate knowledge and ability to manage airway devices including:
- insert, manage and remove oropharyngeal airway (OPA)
- insert, manage and remove nasopharyngeal airway (NPA)
- manage endotracheal airway (trach)
- manage laryngeal mask airway (LMA)
- manage other respiratory assist devices:
  - Ambu-bag
  - bag-valve mask
  - bilevel positive airway pressure (BiPAP)
  - continuous positive airway pressure (CPAP)

F-1-4 Demonstrate knowledge and ability to provide care for client with mechanical ventilation according to agency policy.

F-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
A Licensed Practical Nurse will:

**F-2-1** Demonstrate knowledge and ability to recognize indications and contraindications for oxygen administration.

**F-2-2** Demonstrate knowledge and ability to apply and manage oxygen therapy devices including:
- aerosol mask (simple face mask)
- high flow oximeter
- nasal cannula
- nasal catheter
- non re-breathing mask
- oropharyngeal airway (OPA)
- partial re-breather mask
- bilevel positive airway pressure (BiPAP) machine
- continuous positive airway pressure (CPAP) machine

**F-2-3** Demonstrate knowledge and ability to care for client with oxygen therapy devices including:
- monitor laryngeal mask airway (LMA)
- monitor nasopharyngeal airway (NPA)

**F-2-4** Demonstrate knowledge of safety precautions when utilizing oxygen therapy.
A Licensed Practical Nurse will:

F-3-1 Demonstrate knowledge and ability to recognize indications and contraindications for suctioning.

F-3-2 Demonstrate knowledge and ability to perform suctioning beyond the pharynx or endotracheal opening according to agency policy:
- appropriate size and lumen of suction catheters
- appropriate suction pressure
- frequency of suctioning

F-3-3 Demonstrate knowledge and ability to maintain suctioning equipment.
A Licensed Practical Nurse will:

F-4-1 Demonstrate knowledge and ability to provide respiratory interventions.

F-4-2 Demonstrate knowledge and ability to recognize indications and contraindications for performing chest physiotherapy:
- assisted coughing
- cough assist device
- deep breathing and coughing
- incentive spirometer
- orthopneic position
- percussion (clapping)
- postural drainage
- vibration

F-4-3 Demonstrate knowledge and ability to evaluate effects of respiratory interventions.
A Licensed Practical Nurse will:

**F-5-1**  Demonstrate knowledge and ability to recognize indications and contraindications associated with tracheostomy tubes.

**F-5-2**  Demonstrate knowledge and ability to manage tracheostomy care:
- changing tracheostomy dressing
- changing established tracheostomy
- changing of tracheostomy ties
- cleaning a double cannula tracheostomy tube
- deflating/inflating a tracheostomy cuff
- humidification
- instilling solution or medication into a tracheostomy
- plugging a tracheostomy tube
- suctioning
- using manual resuscitation (Ambu bag)

**F-5-3**  Demonstrate knowledge and ability to recognize indications and contraindications of mechanical ventilation.
A Licensed Practical Nurse will:

**F-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.

**F-6-2** Demonstrate knowledge and ability to recognize indications and contraindications for chest tube insertion:
- hemothorax
- pneumothorax
- surgical treatment
- tension pneumothorax

**F-6-3** Demonstrate knowledge and ability to identify and describe purpose of pleural or mediastinal chest tubes.

**F-6-4** Demonstrate knowledge and ability to assist with insertion of chest tube.

**F-6-5** Demonstrate knowledge and ability to setup and manage a chest drainage system.

**F-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 accidentally pulled out
- continuous bubbling in the water seal chamber
- hemorrhage
- incorrect tube placement
- pulmonary edema
- signs of infection
- subcutaneous emphysema
- tube occlusion