

Program Acquired Skills

Psychomotor Skills: The following is a list of competencies integrated into the respiratory care program curriculum. Prior to graduation, students are required to demonstrate proficiency in each of these skills, ensuring readiness for entry-level practice in the profession.

- a. Hand Hygiene and Isolation Precautions
- b. Taking Vital Signs
- c. Performing a Comprehensive Cardiopulmonary Patient Assessment
- d. Using a Pressurized Metered-Dose Inhaler (pMDI)
- e. Using a Dry-Powder Inhaler (DPI)
- f. Using a Small Volume Nebulizer (SVN)
- g. Performing Incentive Spirometry (IS)
- h. Implementing Positive Expiratory Pressure (PEP) Therapy
- i. Administering Chest Physiotherapy (CPT)
- j. Performing Sterile Nasotracheal Suctioning
- k. Sputum Inductions & Collecting Sputum Samples
- l. Administering Oxygen Therapy with a Nasal Cannula or Mask
- m. Performing an Arterial Blood Gas (ABG) Puncture
- n. Providing Manual Ventilation using a Bag-Valve Mask (BVM)
- o. Administering Oxygen Therapy to a Patient with an Artificial Airway
- p. Tracheostomy Tube Care and Cleaning
- q. Administering High Flow Oxygen Therapy
- r. Initiating Noninvasive Ventilation and Interface Fitting
- s. Assessing a Noninvasive Ventilator
- t. Preparing an Invasive Mechanical Ventilator for Use
- u. Intubation or Intubation Assist
- v. Initiation of Invasive Mechanical Ventilation
- w. Assessing an Invasive Mechanical Ventilator
- x. Endotracheal Tube Care
- y. Monitoring Cuff Pressures
- z. Performing Sterile Endotracheal or Tracheal Tube Suctioning
- aa. Monitoring End-Tidal Carbon Dioxide (EtCO₂)
- bb. Assessing Weaning Parameters and Performing a Spontaneous Breathing Trial (SBT)
- cc. Extubation
- dd. Obtaining Arterial Blood Gas Samples from an Arterial Catheter Line
- ee. Assessing Noninvasive Respiratory Mechanics