

Napa Valley College
Respiratory Care Program
Core Competency Checklist

The student will perform appropriate application of the following competencies in the second semester clinical course (RESP 170) after being checked off in the first semester laboratory course (RESP 130).

All competencies include the student's demonstrated understanding of the indications, contraindications, hazards, etc, of any procedure performed.

Patient monitoring and general respiratory care, to include:

Infection control

- Hand hygiene
- Standard Precautions
- Transmission-based Isolation Procedures

Basic patient assessment

- Vital signs (Pulse and Respirations)
- Auscultation
- Pulse Oximetry

Oxygen Supply Systems

- Medical Gas Supply Systems
- Gas pressure and flow regulation
- Blenders

Oxygen Therapy Administration

- Oxygen Device identification and application

Humidity and Aerosol Therapy

- Humidification Therapy
- Aerosol Medication delivery

Hyperinflation Therapy

- Incentive Spirometry

Bronchial Hygiene

- Chest Physiotherapy
- Adjunct techniques (PEP, Flutter)

Arterial Blood Gas Analysis

- Arterial Puncture

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The student will perform appropriate application of the following competencies in the summer clinical course (RESP 180) after being checked off in the second semester laboratory course (RESP 175).

Artificial Airway Care and Maintenance

- Pharyngeal Airway insertion
- Nasotracheal suctioning
- Endotracheal suctioning
- Closed system suctioning
- Assisting with intubation
- Cuff Care
- Extubation
- Tracheostomy care

Resuscitation

- Manual ventilation via mask and artificial airway

The student will perform appropriate application of the following competencies in the fall of the second year clinical course (RESP 250) after being checked off in the laboratory course (RESP 211).

Noninvasive ventilation

- CPAP/BIPAP initiation
- CPAP/BIPAP monitoring

Mechanical Ventilation

- Ventilator assembly
- Adult Patient Ventilator System Care
- Ventilator Weaning Protocols
- Monitoring of the mechanically ventilated patient
- Weaning Parameters
- Neonatal/Pediatric Ventilator System Care

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The student will perform appropriate application of the following competencies in the spring of the second year clinical course (RESP 290):

Pulmonary Function Testing

- Peak Flow Monitoring
- Screening Spirometry
- Flow-volume loop

Students will have the opportunity to attend the following Special rotations during their clinical time in the program:

- Neonatal/Pediatric Care
- Pulmonary Function
- Sleep Medicine
- Bronchoscopy
- EKG
- Asthma Education/Management
- Open Heart Surgery
- Pulmonary Rehabilitation
- Home Care

In all semesters, the student will demonstrate the ability to effectively interact with patients, including providing education, as well as with the entire healthcare team.

In all semesters, the student will demonstrate behaviors consistent with those of a professional practitioner.

Approved by program key personnel, 1/15/14