RSPC A287: CLINICAL INTERNSHIP

Item	Value
Curriculum Committee Approval Date	12/06/2024
Top Code	121000 - Respiratory Care/Therapy
Units	2.5 Total Units
Hours	144 Total Hours (Lab Hours 144)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Pass/No Pass (B)

Course Description

Advanced clinical utilization of knowledge and skills in critical care or specialty areas. Cumulative application of assessment, diagnostic, therapeutic, and judgmental skills acquired within the Respiratory Care Program. COREQUISITE: RSPC A286. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Apply comprehensive knowledge to perform patient care, assessment, diagnostics, therapeutics and life support in the intensive care settings.

Course Objectives

- 1. Assess patient for ventilatory and oxygenation support. SCANS: Thinking
- 2. Set up, administer, adjust and trouble-shoot mechanical ventilators. SCANS: Thinking, Technology
- 3. Apply and explain rationale for appropriate alternative setting to mechanical ventilation. SCANS: Thinking
- 4. Wean patient from mechanical ventilation to support therapy. SCANS: Technology
- 5. Apply adjunct support techniques: SCANS: Thinking, Technology Artificial airways and care Humidification Medication administration Airway clearance
- 6. Assess patient condition, response to therapy, and determine alternatives to current therapy with appropriate rationale. SCANS: Thinking
- 7. Application of diagnostic procedures, interpretation and evaluation to therapy application. SCANS: Thinking
- 8. Demonstrate and explain proper documentation of patient care. SCANS: Information
- 9. Demonstrate appropriate ability to make correct clinical judgements. SCANS: Systems
- 10. Demonstrate and maintain proper professional appearance and attitude. SCANS: Personal

Lecture Content

Orientation Hospital policy and procedure Legal documentation Intensive care policy and procedure Patient diagnostic and evaluative assessment Hemodynamic monitoring Cardiovascular status Non-invasive oxygenation and ventilation monitoring and assessment Blood gas and electrolyte analysis, interpretation and application. Assessment of chest physiology Pulmonary Function Testing interpretation and application of results. Life support systems Determination of need for and type of life support systems Set up, administration, adjustment and trouble-shooting Assessment of response Alternative settings to mechanical ventilation and oxygenation support. PEEP CPAP Pressure control/support IMV/SIMV Weaning from life support systems IMV/SIMV Bedside assessment of NIF, VC, Auscultation Adjunct support systems Artificial airways application and care Humidification Medication administration Infection control Airway clearance

Lab Content

Orientation Hospital policy and procedure Legal documentation Intensive care policy and procedure Patient diagnostic and evaluative assessment Hemodynamic monitoring Cardiovascular status Non-invasive oxygenation and ventilation monitoring and assessment Blood gas and electrolyte analysis, interpretation and application. Assessment of chest physiology Pulmonary Function Testing interpretation and application of results. Life support systems Determination of need for and type of life support systems Set up, administration, adjustment and trouble-shooting Assessment of response Alternative settings to mechanical ventilation and oxygenation support. PEEP CPAP Pressure control/support IMV/SIMV Weaning from life support systems IMV/SIMV Bedside assessment of NIF, VC, Auscultation Adjunct support systems Artificial airways application and care Humidification Medication administration Infection control Airway clearance

Method(s) of Instruction

- Lab (04)
- Work Experience (20)
- Non-Directed Clinical (NDR)

Instructional Techniques

Instructional methodologies include a combination of technique demonstration and application of patient care. Individual activities along with discussion and instructor feedback.

Reading Assignments

Assigned material from text

Writing Assignments

Written chart documentation reflecting therapy is required.

Out-of-class Assignments

Students must demonstrate applied skills to actual patients.

Demonstration of Critical Thinking

Critical thinking is evaluated by a combination of critique of patient assessment skills, therapeutic techniques, verbal examination, and written chart assignment. These methods are applied to each specific case and therapeutic modality performed throughout the course.

Required Writing, Problem Solving, Skills Demonstration

Written chart assignments are required for patient diagnosis, interpretation, and application of therapy. Problem-solving is demonstrated through critique of patient assessment, and skills are demonstrated by the methods applied to each specific case and therapeutic modality performed throughout the course.

Eligible Disciplines

Respiratory technologies: Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

Other Resources

1. Stethoscope 2. Photo ID clinical badge 3. Watch. 4. Black scrubs embroidered with OCC Respiratory Care Program emblem