RSPC A191: CLINICAL LAB 1

Item	Value
Curriculum Committee Approval Date	11/15/2023
Top Code	121000 - Respiratory Care/Therapy
Units	1.5 Total Units
Hours	81 Total Hours (Lab Hours 81)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Pass/No Pass (B)

Course Description

Beginning clinical practice of procedures presented in Respiratory Care A190. Includes hospital and respiratory therapy department orientation, patient chart evaluation, use of compressed gases, medical gas therapy, humidity and aerosol therapy, drug administration, aseptic technique and adherence to infection control procedures and isolation precautions, incentive spirometry, airway clearance and lung expansion therapies, and patient assessment. PREREQUISITE: RSPC A190. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Apply basic floor therapeutic modalities and patient assessment skills utilizing correct equipment, and technique in the patient clinical setting.

Course Objectives

- 1. Administer and assess response to Incentive spirometry.
- 2. Set up, administer, adjust, and assess response to humidity and aerosol devices.
- 3. Assemble, adjust, administer, and assess response to IPPB therapy, as available at clinical site.
- 4. Administer and assess response to airway clearance and lung expansion techniques.
- 5. Apply, assess, and analyze various medical gas therapeutic deliver systems.
- 6. Set up appropriate regulators, flowmeters, and cylinders for in room or transport use.
- 7. Perform and evaluate basic bedside pulmonary spirometry.
- 8. Assess patient response and demonstrate appropriate action in patient situations.
- 9. Explain alternatives, rationale, and adverse problems with modality performed.
- 10. Maintain and perform appropriate entry into medical records.
- 11. Describe and apply appropriate infection control techniques used in the handling of medical equipment.
- 12. Demonstrate use of various isolation precautions as it applies to the care of the patient.
- 13. Demonstrate appropriate communication skills.
- 14. Demonstrate and maintain proper professional appearance and attitude.

Lecture Content

Orientation to the hospital Communication with patients Review and assessment of chart information SBAR Report Time Management of Patient Workload Patient instruction, basic assessment skills and follow up Incentive spirometry Legal documentation within the patient chart Expanded assessment skills: auscultation, pulse change, W.O.B. Aerosol therapy: Hand held nebulizer, Large volume nebulizer Inhalers: MDI and DPI Bedside pulmonary function assessment Spirometry IPPB, as available Airway Clearance and Lung Expansion Techniques Chest Physiotherapy HF chest wall oscillation PEP therapy Oxygen therapy and analysis Legal documentation within the patient chart Cylinders, regulators, and flowmeters Infection control Equpiment Handling Isolation Practices

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Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- Lab (04)
- DE Live Online Lab (04S)
- Field Experience (90)
- Directed Clinical (DIR)
- Non-Directed Clinical (NDR)

Instructional Techniques

Instructional methodologies include a combination of technique demonstration and application to patient care. Individual and paired group activities along with discussion, preceptor, and instructor feedback. Role playing with peer feedback is utilized to support and enhance learning.

Reading Assignments

A minimum of 3 hours per week will be spent on out-of-class reading assignments.

Writing Assignments

Patient assessment is reflected in written charting documentation and preparation of SBAR (situation, background, assessment, and recommendation) reports.

Out-of-class Assignments

Students must demonstrate applied skills to actual patients. Students demonstrate on-site pre and post- therapy patient assessment, therapeutic technique, analysis of patient response and recommendations to paitent care plan.

Demonstration of Critical Thinking

Critical thinking is developed through pre and post-therapy patient assessment, therapeutic technique, analysis of patient response and recommendations to patitent care plan.

Required Writing, Problem Solving, Skills Demonstration

Student evaluation is a combination of instructor critique of patient assessment skills, therapeutic applicational technique, verbal report, and written chart assignment. These methods are applied to each of the specific therapeutic modalities performed throughout the course and culminate in a final clinical simulation evaluation.

Eligible Disciplines

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

Other Resources

1. stethoscope 2. OCC photo ID badge 3. Watch with second hand 4. Black scrubs embroidered with OCC ALH Respiratory Care emblem 5. RSPC A191 Clinical Skills Packet