

RESP-2342: PATIENT MANAGEMENT PROBLEMS

Cuyahoga Community College

Viewing: RESP-2342 : Patient Management Problems

Board of Trustees:

March 2020

Academic Term:

Fall 2020

Subject Code

RESP - Respiratory Care

Course Number:

2342

Title:

Patient Management Problems

Catalog Description:

Reinforces the clinical education components of information gathering and decision-making specific to assessment and treatment of cardiopulmonary impairment. Specific emphasis placed on the methodologies involved in obtaining and prioritizing diagnostic information. Comprehensive self-assessment at the advanced practitioner level of respiratory care.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites

Prerequisite and Corequisite

RESP-2950 Respiratory Care Field Experience II.

Outcomes

Course Outcome(s):

Evaluate patient data.

Objective(s):

1. Evaluate data in the patient record.
2. Perform clinical assessment.
3. Perform procedures to gather clinical information.
4. Evaluate procedure results.
5. Recommend diagnostic procedures.

Course Outcome(s):

Troubleshoot equipment and choose effective infection control procedures.

Objective(s):

1. Assemble /troubleshoot devices.
2. Ensure infection prevention.
3. Perform quality control procedures.

Course Outcome(s):

Initiate and modify clinical intervention.

Objective(s):

1. Maintain a patent airway including the care of artificial airway.
 2. Perform airway clearance and lung expansion technique.
 3. Support oxygenation and ventilation.
 4. Administer medications and specialty gases.
 5. Ensure modifications are made to the respiratory care plan.
 6. Utilize evidence-based practice.
 7. Provide respiratory care techniques in high-risk situations.
 8. Assist a physician / provider in performing procedures.
 9. Conduct patient and family education.
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Methods of Evaluation:

1. Pathology review sheets
2. Self-assessment examinations (written and clinical simulations)
3. Online quizzes
4. Student presentations

Course Content Outline:

1. Patient data
 - a. Data in the patient record
 - b. Clinical assessment
 - c. Procedures to gather clinical information
 - d. Evaluation of procedure results
 - e. Recommendation of diagnostic procedures
2. Troubleshooting and quality control of equipment, and infection control
 - a. Assembly /troubleshooting techniques
 - b. Infection prevention
 - c. Quality control procedures
3. Initiation and modification of interventions
 - a. Maintaining a patient airway
 - b. Care of artificial airway
 - c. Airway clearance and lung expansion technique
 - d. Oxygenation and ventilation techniques
 - e. Administration of medications and specialty gases
 - f. Respiratory care plan modifications
 - g. Evidence-based practice
 - h. Respiratory care techniques in high-risk situations
 - i. Assisting a physician / provider in performing procedures
 - j. Patient and family education

Resources

Jardins, Terry Des, and George G. Burton. *Clinical Manifestations and Assessment of Respiratory Disease*. 8th ed. St. Louis: Elsevier, 2020. 2020.

National Board for Respiratory Care. *Test-Matrix*. Overland Park, KS, 2020.

Craig L. Scanlan, EdD, RRT, FAARC; Al Heuer, PhD, MBA, RRT, RPFT; Narciso E. Rodriguez, BS, RRT-NPS, RPFT, AE-C. *Comprehensive Respiratory Therapy Exam Preparation Guide*. Third Edition. Burlington, MA: Jones and Bartlett, 2019. 2019.

Craig L. Scanlan, EdD, RRT, FAARC; Al Heuer, PhD, MBA, RRT, RPFT; Narciso E. Rodriguez, BS, RRT-NPS, RPFT, AE-C. *RTBoardReview.net*. <https://rtboardreview.net/>

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