



Broward Community College Course Outline

STATUS: A

COMMON COURSE NUMBER: NUR 2943C

COURSE TITLE: Respiratory Care For Nurses: Treatments

CREDIT HOURS: 1

CONTACT HOURS BREAKDOWN:

Lecture/Discussion 8

Lab 4

Other 16

Contact Hours 28

CATALOG COURSE DESCRIPTION:

This course will focus on the proper use of ultrasonic nebulizers, specimen collection and the safe administration of aerosolize medication.

Prerequisite:

Corequisite:

General Education Requirements - Associate of Arts Degree, meets Area(s): none

General Education Requirements - Associate in Science Degree, meets Area(s): none

UNIT TITLES:

1. Ultrasonic Nebulization/Sputum Induction

2. Aerosolized Pentamidine

LAST REVIEW Academic Year 2006-07 NEXT REVIEW Academic Year 2011-12

Interim Revision Dates:

I. Course Overview:

This course will provide nurses with the necessary essential knowledge and safe administration of respiratory treatments.

II. Units

Unit 1. Ultrasonic Nebulization/Sputum Induction

General Outcome:

- 1.00 The student will demonstrate proper technique in sputum induction for specimen collection.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to:

- 1.1 Identify the clinical indications for and the goals and objectives of administering USN treatment.
- 1.2 Identify the contraindications and hazards of USN treatments.
- 1.3 Describe ways to determine if USN is therapeutic.
- 1.4 Demonstrate proper technique in administering USN treatments.
- 1.5 Properly assess the patient before, during and immediately after performing the therapy.
- 1.6 Demonstrate how to properly handle a sputum collection container for specimen collection.

Unit 2. Aerosolized Pentamidine

General Outcome:

2.00 The student will demonstrate how to safely and effectively administer aerosolized pentamidine.

Specific Learning Outcomes:

Upon successful completion of this unit, the students should be able to

- 2.1 Identify the clinical indications for and the goals and objectives of administering an aerosolized pentamidine treatment.
- 2.2 State the normal dosage and potential side effects of aerosolized pentamidine.
- 2.3 State why aerosolized pentamidine must be administered in a negative pressure isolation room.
- 2.4 List the etiology, signs and symptoms of Pneumocystis Carinii pneumonia.
- 2.5 List the etiology, signs and symptoms of tuberculosis, and differentiate between TB and MDR-TB.
- 2.6 Demonstrate how to administer aerosolized pentamidine for maximum effectiveness.
- 2.7 Properly assess the patient before, during and immediately after administering aerosolized pentamidine.