

Respiratory Equipment Module

Objectives:

1. Identify different oxygen delivery devices
2. Understand how to use different oxygen delivery devices in the acute care setting
3. Familiarize yourself with the setup of oxygen delivery devices and suction equipment

Tasks: Please complete all tasks below

1. Get the bag with the respiratory care equipment in the hospitalist office
2. Identify each oxygen delivery device and review the following [see reference sheet]:
 - a. amount of oxygen flow required
 - b. how much FiO₂ reaches the patient
 - c. additional notes
3. If time permits [5-10 minutes], go through the following brief exercise. You will need to take equipment to an empty patient room or the 3N treatment room [code: 78574].

CASE: John Smith is a 16 month old baby boy who unexpectedly arrived on the floor during nursing handoff with acute respiratory distress. You happen to be on the unit upon his arrival and notice that he has pan-retractions, nasal flaring and grunting. You also note that he has a lot of upper airway secretions. The room has not been set up. How would you support this patient's respiratory distress?

Please set up the following:

- a. connect simple face mask to oxygen
- b. suction – make sure that you are getting suction
- c. BONUS: connect ambubag to the mask and to oxygen source [Note: you will not be able to deliver O₂ through the mask unless you are actively ventilating and hooked up to oxygen source]