

**HACKETTSTOWN REGIONAL MEDICAL CENTER  
CARDIOPULMONARY  
HUMID-HIGH AEROSOL THERAPY**

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**Effective Date: December 2012**

**Policy No: 3B.030**

**Cross Referenced:**

**Origin: Cardiopulmonary**

**Reviewed Date: 12/2012**

**Authority: Cardiopulmonary Manager**

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**SCOPE**

All members of the Cardiopulmonary Department

**PURPOSE**

To supply humidified room air or oxygen to the patient via face mask, face tent, trach collar or blow-by.

Equipment:

- Room air or oxygen flow meter
- Water bottle with FiO<sub>2</sub> dial on top
- Blue corrugated tubing
- Sterile water
- Desired delivery device (mask, face tent, trach collar)

**PROCEUDRE**

- Verify order by checking patient's chart
- Introduce yourself to patient
- Verify patient's identity by checking his/her ID bracelet
- Explain procedure to patient
- Plug room air or oxygen flow meter into specific wall outlet
- Connect water bottle (filled with sterile water) to flow meter
- Adjust flow meter so that it will deliver desired flow
- Connect blue corrugated tubing to water bottle
- Connect other end of blue corrugated tubing to desired delivery device
- Follow up with pulse oximeter to maintain desired oxygen saturation

Important points:

- Oxygen is a drug, and as such, a physician order is required
- The patient must be properly identified prior to the administration of oxygen

Safety Precautions:

- Allow no hazardous materials or devices near the patient while oxygen is in use (petroleum products - Vaseline, electric razors, etc.).
- Watch for patient sensitivity to oxygen administration (e.g., COPD).
- Only properly licensed personnel are allowed to set-up and/or monitor this device.

Documentation:

- Obtain a Cardiopulmonary Services requisition with the appropriate patient information from the computer.
- Stamp the Cardiopulmonary Services Progress Notes, record the appropriate data and insert the notes into the patient's chart in the proper location.

Approved by: See signed Authority & Approval form  
month / year Committee Name