

**HACKETTSTOWN REGIONAL MEDICAL CENTER
CARDIOPULMONARY
OXYGEN ADMINISTRATION VIA VENTURI MASK**

Effective Date: March 2010

Policy No: 3B.006

Cross Referenced:

Origin: Cardiopulmonary

Reviewed Date: 12/2012

Authority: Cardiopulmonary Manager

Revised Date: 12/2012

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SCOPE

All members of the Cardiopulmonary Department

PURPOSE

To supply low flow supplemental oxygen at moderate FiO₂ to the hypoxic patient.

Equipment:

- Venturi Mask
- Oxygen Flow Meter
- Nipple Adapter (Christmas Tree)

PROCEDURE

- Verify order by checking the patient's chart.
- Introduce yourself to the patient.
- Verify patient's identity by checking his/her ID bracelet.
- Explain to the patient what you are going to do.
- Plug oxygen flow meter into the oxygen wall outlet.
- Connect the nipple adapter to the flow meter.
- Adjust the Venturi Mask so that it will deliver the desired FiO₂ and connect it to the nipple adapter. Set oxygen to appropriate flow for desired FiO₂.
- Connect Venturi Mask to the patient. Adjust it so that it fits securely on the patient's face. Comfort and reassure patient as necessary.

Care of Equipment:

- Flow meter must be vertical when plugged into the oxygen wall outlet to guarantee accurate flow.
- Exercise caution when handling equipment to avoid dropping.

Important Points:

- Oxygen is a drug and, as such, a physician must order its use.
- The Venturi Mask requires a physician order for a specific FiO₂ (24, 28, 30, 35 or 40%) - not a flow rate.
- The patient must be properly identified prior to administration of oxygen.
- A bubble humidifier is not necessary with a Venturi Mask, due to the large amount of room air that is entrained.
- The air entrainment portion of the Venturi Mask cannot be covered by sheets, blankets, a patient's gown, etc. If this portion of the mask is covered, it prevents air entrainment, which will increase the amount of oxygen being delivered to the patient.

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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.