

Section: Division of Nursing

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PROCEDURE

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Approval: _____

Issue Date: March 4, 1994

Revised Date: January, 2008

HACKETTSTOWN REGIONAL MEDICAL CENTER

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NEWBORN SERVICES

(Scope)

TITLE: ADMINISTERING HEATED MIST (HEATED HUMIDIFIED ROOM AIR)

PURPOSE: To administer humidified room air to neonate.

SUPPORTIVE DATA: Heated humidified room air can be used as treatment to relieve transient tachypnea in the new born. This may be initiated by the nurse, followed by MD order to maintain.

- EQUIPMENT LIST:
1. Warmer (Panda)
 2. Nebulizer
 3. Blue corrugated tubing with thermometer
 4. Liter sterile water
 5. Water collection bag
 6. Nebulizer heater
 7. Oxyhood or Flexodome (disposable)
 8. O₂ analyzer

CONTENT: PROCEDURE

KEY POINTS

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| <ol style="list-style-type: none"> 1. Connect nebulizer heater to sterile water bottle. 2. Screw nebulizer cap to O₂ wall flow meter on the O₂/room air blender. 3. Use blue corrugated tubing to connect mist bottle to oxyhood. 4. Insert thermometer and mist collection bag between pieces of blue tubing. 5. Set O₂ blender at 21%. 6. Set blender at 100% O₂. Adjust O₂ concentration via O₂ flow meter. 7. Thermometer to monitor temperature of heated air. 8. Record infant's condition and response on RDS Sheet and nurse's notes. | <p>Donut shaped warmer slides over gray nebulizer cap.</p> <p>Monitor air from tubing every hour with O₂ analyzer to assure O₂ is at 21%.</p> <p>Delivery of oxygen should be sufficient to correspond to pulse oximetry reading of 90 – 95%.</p> <p>Temperature should be 82 - 85°.</p> |
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