

Section: Division of Nursing

PROCEDURE

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Issue Date: May 10, 1994
Reviewed Date: November 2008

Approval: _____

HACKETTSTOWN REGIONAL MEDICAL CENTER

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4- South/ED
(Scope)

TITLE: MIST TENT

PURPOSE: To provide a cool mist saturated environment with oxygen or compressed air to assist in the mobilization of secretions.

- SUPPORTIVE DATA:**
1. Explain to parents the general use of a mist tent and the importance of keeping the child in the tent as much as possible.
 2. Have extra linens and nighties close by to change child and crib when they become damp.
 3. Keep stuffed animals, small objects, and TV cord out of tent.
 4. No helium balloons near tent.

- EQUIPMENT LIST:**
1. Ohio mist tent with cooling unit
 2. Timeter compressor (attached to tent base)
 3. Aerosol tent canopy
 4. High pressure gas hose
 5. Sterile water

CONTENT: PROCEDURE STEPS KEY POINTS

1. Move bed out from the wall.
2. Attach ground hook to bed frame.
3. Place tent unit behind the bed with the reservoir facing the wall.
4. Plug refrigeration unit and compressor (**air only**) into electrical outlets.
5. When **O₂** is utilized, screw on high pressure gas hose to wall O₂ **outlet**. Attach the other end of the hose onto the reservoir **inlet**.
6. When **compressed air** is utilized, screw one end of the hose to the compressor **outlet**. Screw the other end to the reservoir **inlet**.
7. Fill the reservoir to the fill line with sterile water.
8. Fasten the tent to the unit, assuring the inlet, outlet tubes and the circulating fan are secure.

9. Plug O₂ adapter into the wall outlet or turn the compressor on.
10. Turn toggle switch to cool. Make sure fan is turning.
11. Tuck canopy securely under mattress. Do not go below the bed frame. Do not close zippers completely.
12. Analyze O₂ concentration every eight (8) hours using pulse oximeter. Do not go above 30% O₂ unless specifically ordered.
13. Document in Nursing Notes the effectiveness of mist tent on patient's respiratory status.

DOCUMENTATION: