

Respiratory Therapy - Unit Practice Manual
John Dempsey Hospital - Department of Nursing
The University of Connecticut Health Center

PROCEDURE FOR: Grab and Go Oxytote Oxygen Cylinder

RATIONALE: The Grab and Go Oxytote combines an oxygen cylinder with a built in regulator and pressure gauge that delivers oxygen to the infant. This all in one oxygen system is used to transport:

1. the infant from the resuscitation room to the Neonatal Intensive Care Unit.
2. the infant on nasal cannula within the Neonatal Intensive Care Unit.

PROCEDURE: TRANSPORT WITH A RESUSCITATIVE DEVICE AT 100% OXYGEN

1. The Grab and Go oxygen cylinder is placed at the head of each warming bed/giraffe in resuscitation room one and two.
2. Check the pressure gauge to verify that there is a minimum of 500 psi in the oxygen cylinder. If the pressure gauge reads less than 500 psi contact the Nurse's Aide to exchange the Grab and Go oxygen cylinder for a full (2000 psi) Grab and Go oxygen cylinder.
3. Verify the flow dial on the regulator is set at 10 L/min.
4. The on/off (open/close) knob is left in the **off** (close) position when not in use.
5. To turn on the system, connect the oxygen tubing from the resuscitative device (Neopuff or manual resuscitator) to the oxygen port on the cylinder and turn the on/off (open/close) knob **to the on position** (clockwise rotation).
6. The Respiratory Therapist will maintain the par level of four Grab and Go oxygen cylinders stored in a carrier located in the equipment room.
7. The Nurse's Aide will check the pressure gauge of each oxygen cylinder every 24 hours and document this on the neonatal equipment checklist located in each resuscitation room.

PROCEDURE: TRANSPORT WITH NASAL CANNULA AT 100% OXYGEN

1. The Grab and Go Oxytote oxygen cylinders are stored in a carrier located in the equipment room.
2. Check the pressure gauge to verify that there is a minimum of 500 psi in the oxygen cylinder.
3. Set the flow dial on the regulator to a flow of; eg. 0.5-1.0 L/min
4. Connect the oxygen tubing from the nasal cannula to the oxygen port on the cylinder and turn the knob to the **on** position.

- LIMITATIONS:**
1. The Grab and Go Oxytote oxygen cylinder will not be used with the acute and nonacute transport isolette. The Oxytote oxygen cylinder is unable to connect to the air cylinder on the transport isolette.
 2. The Grab abd Go Oxytote oxygen cylinder will not be used when the pressure gauge reads less than 500 psi.

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COMPLICATIONS: 1. The Grab and Go oxygen cylinder will become empty if the on/off knob is left on for an extended time period.

PERFORMED BY: Respiratory Therapist, Nurse Aide

APPROVAL:

EFFECTIVE DATE: 1/06

REVISION DATES: