

Section: Division of Nursing

* **PROCEDURE** *

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Issue Date: March 25, 2005

Approval: _____

HACKETTSTOWN REGIONAL MEDICAL CENTER

Originator: O. Lopez, RN BSN CNOR
Reviewed by: W. Zeiher, RN

OR
(Scope)

TITLE: USE OF PNEUMATIC CORD WITH NITROGEN TANK / WALL

PURPOSE: To outline a procedure for proper use of Pneumatic Cord with nitrogen tank/wall.

CONTENT:

1. Open the nitrogen tank valve slowly until it is fully open. This will allow nitrogen to pressurize the regulator. The gauge on the right indicates the nitrogen pressure stored within the nitrogen tank. **Never start a procedure if this gauge indicates less than 500 psi. Never run the tank pressure below 200 psi.**
2. The diffuser end of the hose is inserted into the quick disconnect on the regulator with a forward thrust.
3. Operating pressure is established by turning the regulator control knob clockwise . Always establish the designated pressure on the operating gauge while the instrument is running.
4. Before removing the instrument from the regulator:
 - a. Close tank valve by turning it clockwise.
 - b. Turn regulator knob counterclockwise until the pressure gauge indicates 0 psi.
 - c. Run tool until the gas pressure is exhausted.
 - d. If a standard Schrader connector is used, twist and release as usual.
 - e. If the Hall Pneumatic Connector is used:
 1. Locate the button marked "**PRESS**"
 2. Depress the button and keep it depressed until the audible release of residual gas is completed.
 3. Release the button.
 4. The hose can then be removed.
 5. If the hose is not easily removed, depress the **PRESS** button again, release it, then remove the hose.

Reference: The Hall Micro 100 Instruction Manual