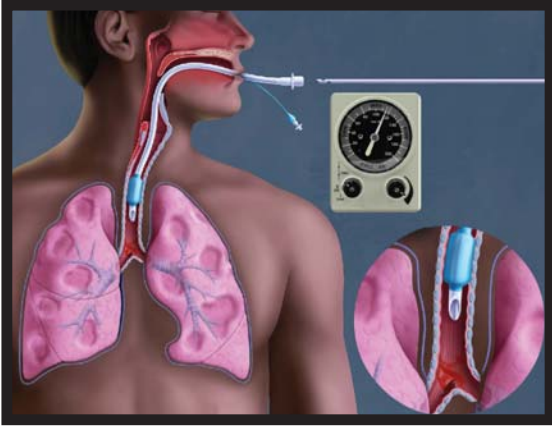


The Fundamentals of Medical Suction

Patient Safety Practices - Setting Safe Suction Pressures

Endotracheal Suction

Help Prevent Atelectasis



1. Occlude tubing **while** setting suction pressure¹ or Push-To-Set™²
2. Check suction pressure before every suction event¹
3. Set Suction pressure to less than negative 150mm Hg for Adults¹
4. Set suction pressure to negative 80-100mm Hg for Neonates¹

¹ Excerpt from American Association of Respiratory Care 2010 published Guidelines Endotracheal Suctioning of Mechanically Ventilated Patients with Artificial Airways; Section 2.3

² Use of Ohio Medical's Push-To-Set™ vacuum regulators automatically occludes the flow to the patient tube while setting pressures; Service Manual 8700-0001-000, Section 3, page 3 "Description and Specifications"

Nasogastric Suction

Help Prevent Mucosal Tears



1. Occlude tubing **while** setting suction pressure or Push-To-Set™²
2. Check suction pressure before every suction event
3. Set suction to Intermittent³
4. Set pressure to negative 30-40mm Hg³

² Use of Ohio Medical's Push-To-Set™ vacuum regulators automatically occludes the flow to the patient tube while setting pressures; Service Manual 8700-0001-000, Section 3, page 3 "Description and Specifications"

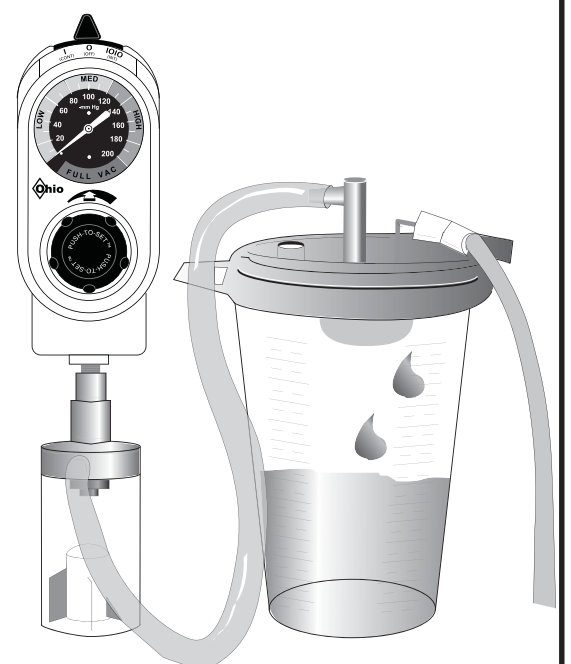
³ Smeltzer, Suzanne, Brenda Bare, Janice Hinkle, and Kerry Cheever. Brunner and Suddarth's Textbook of Medical-Surgical Nursing: 12th edition (2009), page 1022

Protecting Your Vacuum System

"Liquid or debris shall not be introduced into the medical-surgical vacuum or WAGD systems for disposal"⁴

The following products should be used to protect your Vacuum Regulator/Outlet/Vacuum System:

1. Use of an overflow trap attached to your vacuum regulator and an optional (not pictured) Hydrophobic filter
2. Use of a Suction Canister with an auto-shut-off device
3. ¼" ID tubing to provide higher flows and lower pressures
4. Pre-use 'Quick Check' to remove poorly functioning regulators from patient use:
 - a) Visually inspect for damage.
 - b) Inspect gauge: When "Off" gauge reads "Zero". When vacuum is adjusted needle moves freely "Up & Down".
 - c) When in Intermittent Mode: Ensure that unit cycles "On" & "Off" automatically.



⁴ National Fire Protection Association (NFPA® 99-2012; 5.1.14.1.3, page 55)

To learn more about suction safety and Push-To-Set™ technology visit

www.ohiomedical.com

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