

When Survival Chances are Compromised, Don't Compromise on Safety.



Your most fragile patients deserve the best protection. Boehringer . . .

only
the Autoclavable Neonatal Suction Regulators

Safest for NeoNatal Care:

- ✓ Resists Infection Spread*
- ✓ Can be Autoclaved
- ✓ Suction Limit Meets Current Clinical Guidelines
- ✓ High Flow Rate Ensures Effective Suction
- ✓ Accurate at Low Levels

Protect your patients AND your budgets with **Boehringer!**

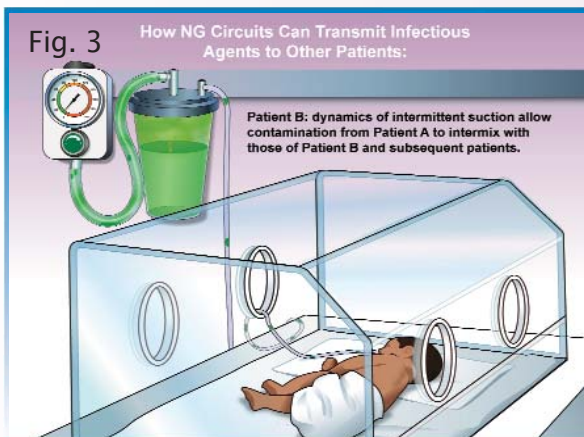
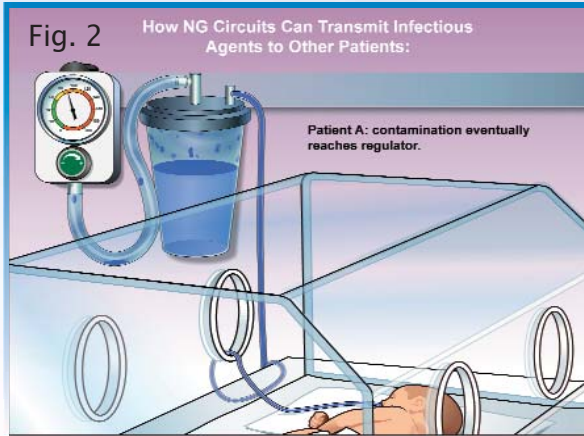
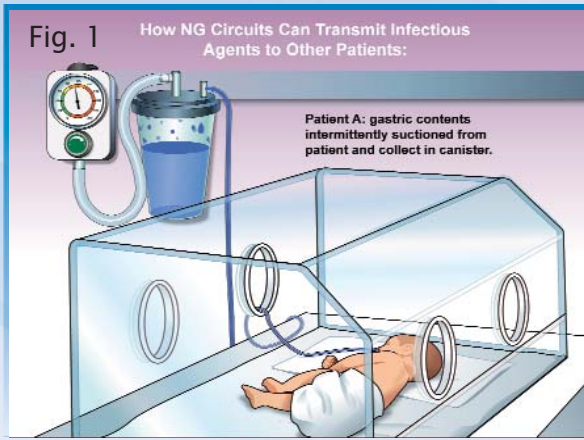
*Test results on file



Join us in the Campaign for Cleaner Critical Care!

Call Today for a **FREE** product evaluation.

BOEHRINGER®



*Kaye K MD MPH, Smialowicz C MD, Bentley L MSBME, Klocek K BSBME MBA. An Investigation into the Potential Transmission of Infection via Vacuum Regulators. Presented at the APIC 2009 Annual Conference, June 7-11, 2009, Fort Lauderdale, FL.

Protect Your Patients From Infection

Hospital suction regulators are a proven reservoir for pathogens, capable of delivering infection to immuno-suppressed patients. In a multicenter study, suction regulators from all major manufacturers were randomly sampled (470 units from 5 manufacturers in 11 centers). 37% of those suction regulators tested positive for colonization.

How Pathogens are Transmitted

During suction therapies, secretions are drawn through the catheter into the canister, but are not completely captured there. Secretions commonly reach the suction regulator and remain trapped inside (Fig 2).

When suction regulators operate in intermittent mode as with nasogastric suctioning (Fig. 1), the ON/OFF cycling allows backflow, splashes and condensation to migrate through canisters, filters and trap bottles to deliver potential infection to the next patient.

This fluid dynamic can allow pathogens from a regulator to be transmitted to a new canister in as little as 30 minutes and to the next patient in just 24 hours (Fig. 3).

At Greater Risk

In the NICU, as with all high risk patient areas, any infection can prove devastating. Considering the use of suction regulators that can be steam autoclaved may help reduce infection risk.

Safest for Neonatal Patients

- Published data shows that Boehringer resists infection spread*
- Transfer of pathogens to a simulated patient stomach after 48 hours: Boehringer = 0 Competitors = 7,630,000 cfu/ml
- Boehringer suction regulators are the ONLY autoclavable brand
- Only sterilization can effectively eliminate infectious agents
- Competitive regulators and must be replaced if contaminated.

Boehringer ... the ^{only} Autoclavable Neonatal Suction Regulators

- 3810 Continuous, 0-100 mmHg
- 3814 Intermitting and Continuous, 0-100 mmHg

Join our Campaign for Cleaner Critical Care.
Call today for a FREE product evaluation.

Visit our website www.boehringerlabs.com for more information.

