

Problems with Basic Surgical Suction? ...there is a solution.



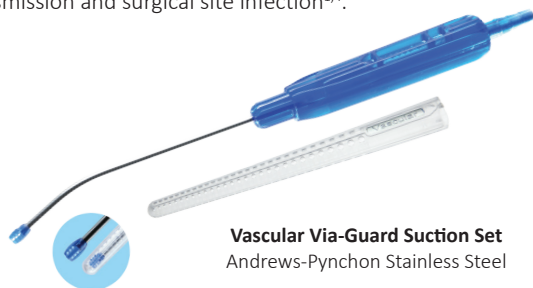
Via-Guard®

Clog-Free Disposable Tip & Poole Suction

White Paper

Historical Overview

For centuries, surgical suction has been essential to the practice of surgery. In 1907, Dr. Sidney Yankauer invented the Yankauer tube at Mount Sinai Hospital in New York. In 1918, Dr. Eugene Poole invented the Poole suction tube at the New York Hospital. In the same time period, the Andrews-Pynchon ("Baby Yankauer") was developed for detail suction and the Frazier for micro-detail suction. For over 100 years, the Yankauer, Andrews-Pynchon, Frazier, and Poole have defined basic surgical suction. Traditionally reusable and made of metal, they require tedious cleaning and reprocessing. Plastic disposables are inferior and do not perform to the standard of metal reusables. Reusables are nearly impossible to clean and have caused a significant problem in national health care—disease transmission and surgical site infection^{1,4}.



Vascular Via-Guard Suction Set
Andrews-Pynchon Stainless Steel

The **Via-Guard** solution offers engineered clog-free disposable Tip and Poole suction instruments in four models that perform better than traditional metal reusables and eliminate plastic disposables. One replaces at least two others—significant inventory reduction. Always sterile and always clean means the prevention of disease and infection caused by unclean reusable suction instruments^{2,3}.

Clog-Free Performance—Tip or Poole Mode

Tip
Mode

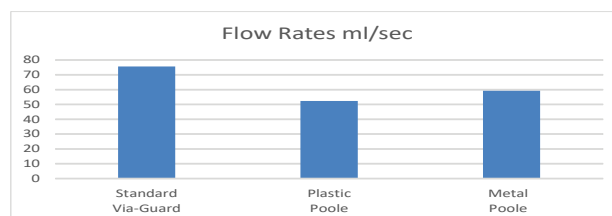


Poole
Mode



Flow Performance

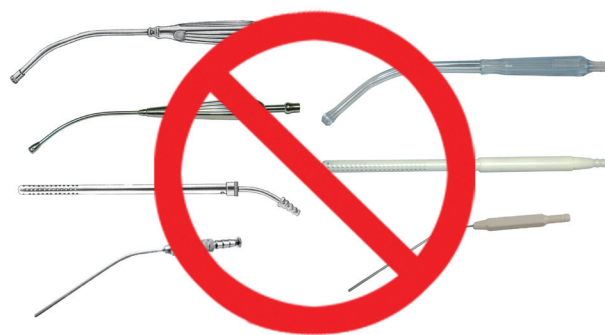
Bench testing showing flow rates of the **Standard Via-Guard** compared to **Plastic Poole** and **Metal Poole**.



Value Analysis

- Each **Via-Guard** suction set replaces two other instruments
- Significant Inventory Reduction—Supply Chain Streamlined
- Costly cleaning and reprocessing eliminated¹
- Workflow improves due to better performance
- 2-in-1 improves materials handling and time management
- Preventing one infection saves average \$35,000⁴

Reusables Replaced—Plastic Disposables Eliminated



References

1. Azizi J, Anderson SG, et.al. Uphill Grime: Process Improvement in Surgical Instrument Cleaning. AORN J 96 (August 2012) 152-162.
2. Bouffard, K and Kurth, J. Dirty, missing instruments plague DMC surgeries. The Detroit News (September 1, 2016).
3. Kurth J, Detroit Medical Center: Dirty Surgical Instruments—Feds Investigating. The Detroit News (September 12, 2016).
4. Sadler D, The Good, The Bad and The Ugly: Avoiding Costly Infections. OR TODAY (October 2, 2016 11:10:22).