

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

Via-Guard®

DISPOSABLE TIP AND POOLE SUCTION

White Paper

Historical Overview

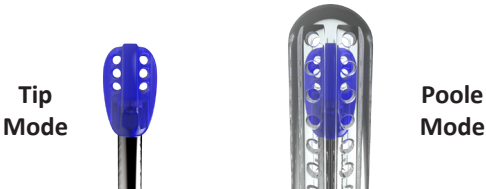
For centuries, mechanical suction has been essential to the practice of surgery. In 1907, Dr. Sidney Yankauer invented the Yankauer tube at Mount Sinai Hospital in New York. In 1918, Dr. Eugene Poole invented the Poole suction tube at the New York Hospital. In the same time period, the Andrews-Pynchon (“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. Steel reusables require extensive cleaning and reprocessing, while plastic disposables are flimsy and do not perform to the standard of steel reusables. Reusables have been found to be nearly impossible to clean leading to poor performance and the risk of SSIs, currently a concern in national health care.^{1,4}



Vascular Via-Guard Suction Set
Andrews-Pynchon Stainless Steel

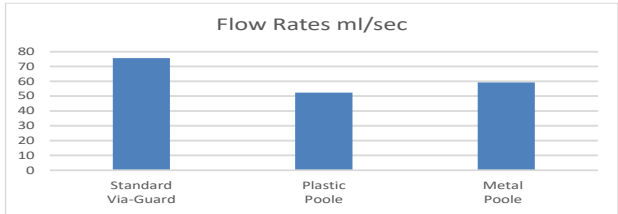
Via-Guard disposable suction instruments are designed for clog-free performance that surpasses traditional steel reusables and plastic disposables. The Two-In-One design consolidates inventory. Always sterile and clean ensures clog-free performance and prevents SSIs caused by unclean, contaminated reusable instruments.^{2,3,5}

Clog-Free Performance—Tip or Poole Mode



Flow Performance

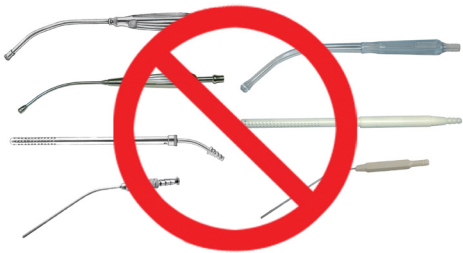
Bench testing shows flow rates of the **Standard Via-Guard** compared to **Plastic Disposable Poole** and **Steel Reusable Poole**.



Via-Guard Value Analysis

- Two-In-One design consolidates inventory
- Streamlines Supply Chain Management⁵
- Clog-free performance improves OR Efficiency
- Eliminates reprocessing and associated risk of SSIs¹⁻⁴
- Preventing one SSI 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).
5. Seeger D, Two-In-One: SurgiMark brings greater efficiency to the OR by transforming the standard suction tool. SURGICAL PRODUCTS. March/April 2018;37:2:10-11.

