

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

## Via-Guard®

DISPOSABLE YANKAUER POOLE SUCTION  
Instrument Grade Plastic Stainless Steel

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-Pyncheon ("Baby Yankauer") was developed for detail suction and the Frazier for micro-detail suction. For over 100 years, the Yankauer, Poole, Andrews-Pyncheon, Frazier, have defined basic surgical suction. Metal reusables require extensive cleaning and reprocessing, while plastic disposables do not perform to the standard of metal reusables. Reusables are now known to be uncleanable leading to poor performance and the risk of SSIs, currently a growing concern in national health care.<sup>1,4</sup>



**Vascular Via-Guard Suction Set**  
Andrews-Pyncheon Poole  
Stainless Steel

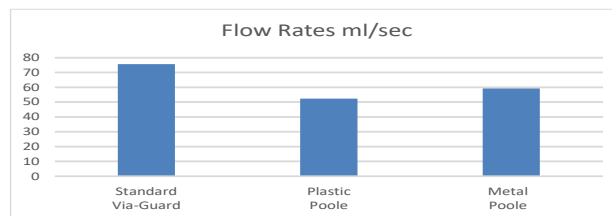
The **Via-Guard Suction Set** combines Yankauer and Poole instruments in a single disposable device that offers unparalleled clog-free performance. Made of Instrument Grade Plastic and Stainless Steel the set is always Surgery-Ready to provide clog-free performance and reduce the risk of SSIs caused by uncleanable suction instruments.<sup>1-5</sup>

### Clog-Free Performance—Tip or Poole Mode



### Flow Performance

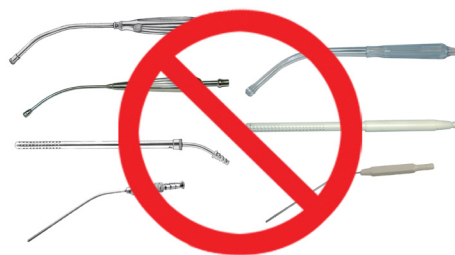
Bench testing shows flow rates of the **Standard Via-Guard** compared to **Plastic Disposable Poole** and **Metal Reusable Poole**.



### Via-Guard Value Analysis

- Two-In-One design consolidates inventory<sup>5</sup>
- Streamlines Supply Chain Management<sup>5</sup>
- Clog-free performance improves OR Efficiency<sup>5</sup>
- Disposable Surgery-Ready eliminates reprocessing and reduces risk of SSIs<sup>1-4</sup>
- Preventing one SSI saves average \$35,000<sup>4</sup>

### Steel Reusables and 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).
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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.