



OR Manager Expo
Las Vegas 2024

Hospital Acquired Infections

How bad is it?

- The CDC reports that dirty surgical instruments cause infections in 1-3% of surgical patients.
- \$147 Billion annually HAI's acute care cost.
- 1.7 Million cases of HAI occur each year.



Patient Safety



Borescope Examinations

Publications

Uphill Grime: Process Improvement in Surgical Instrument Cleaning

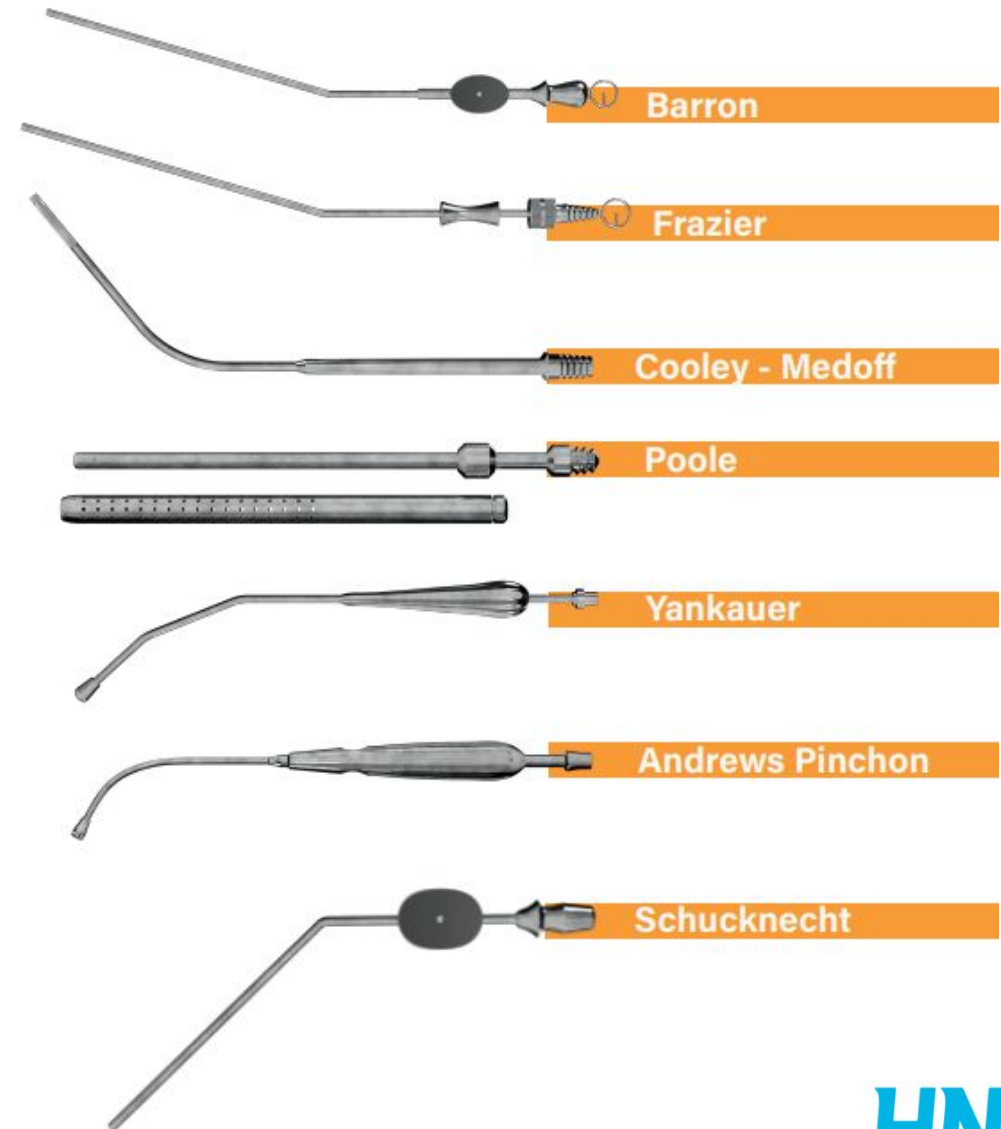
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ABSTRACT

After its investigation of cross-contamination from arthroscopic shavers, the US Food and Drug Administration issued an alert to hospitals about medical device reprocessing methods. In response to this, a team of risk management and instrument room personnel at a university hospital undertook a project that tested the manufacturer's recommended cleaning methods for surgical instruments with the objective of determining the efficacy of automated instrument reprocessing and identifying a process that would produce a verifiably clean instrument after the cleaning process is performed. The quality improvement project focused on suction tips because they are used in most surgical procedures, are exposed to high levels of organic debris, and are difficult to clean. A variety of suction tips were cleaned and tested with a variety of processes and products to determine best instrument cleaning practices. Results of the project were eye-opening—debris was found where debris

The Solution Single-Use Suction Cannulas

100% Stainless Steel



Benefits

- **Eliminates patient's HAI from hazardous debris on reusable cannulas.**
- **Time savings for instrument processing.**
- **Cost reduction by resource elimination in capital investments, personnel training, execution and quality control in cleaning and sterilization.**
- **Deletion of legal liabilities related to HAI and reusable cannulas.**

The Process

1. Select suction tubes
2. Customize marking
3. Customize packaging



Green Initiative

- The Takeaway Recycle System is a cost-effective, environmentally friendly solution designed to recycle single-use medical devices that are traditionally destined for either the landfill, or treatment as medical waste.
- Primary collection containers used for collection of devices in the operating room or sterile processing.
- Pre-addressed, prepaid shipping labels

