

3M Health Care Improves Preoperative Skin Preparation with New 3M One-Step Patient Prep

3M announced today at the American periOperative Registered Nurses 52nd Congress (AORN) the introduction of 3M brand One-Step Patient Prep, a povidone iodine-based patient preoperative skin prep, delivered in a single-use sterile applicator. The alcohol-free solution can be used on both skin and mucous membranes.

As an innovative solution to the articulated needs(a) of operating room managers, infection control practitioners, surgeons, and operating room nurses, 3M One-Step Patient Prep delivers improved efficiency in pre-operative patient preparation. This translates to faster application time, greater resistance to removal during surgery, better drape adhesion than competitive aqueous iodine-based scrub and paint solutions and easy removal during postsurgical procedures.

The two-minute application time of the single use, sterile applicator solution provides the efficacy of a five-minute iodophor scrub followed by a paint. This meets FDA requirements and keeps bacterial counts below baseline, up to 24 hours postprep, helping to reduce the risk of surgical site infections.

Independent laboratory testing has shown One-Step Prep's superior performance through documented bacteria kill after a blood and saline challenge. Unlike other aqueous povidone iodines, One-Step Prep dries to a microbial film that resists wash-off by blood and saline. In addition, improved drape adhesion under surgical conditions reduces the risk of surgical site infections, often resulting from drape edge lift.

"Preoperative skin preparation serves as a front line defense against surgical site infection," said James Ingebrand, business director, 3M Medical Division. "This new alcohol-free solution has broad application capabilities, from torn skin to mucous membranes, while delivering unparalleled efficacy and drape adhesion."

(a)Most Important Attributes of Patient Preoperative Prep Identified by Operating Room Managers and Infection Control Practitioners(1):

- 24-hour bacteria kill
- Ability to use on skin and mucosa
- Nonflammability
- Broad spectrum kill

(a)Key Drivers of Innovation to the Patient Prep Market Identified by Surgeons and Operating Room Nurses(2):

- Reduced application time
- Antimicrobial activity after exposure to blood and saline
- Enhanced surgical drape adhesion
- Sterile, easy delivery

One-Step Prep cannot be used in the eye or with patients who have an iodine sensitivity. It also cannot be used on infants less than two months old, due to the risk of increased blood iodine levels.

About 3M Medical Division -- Part of the 3M Health Care Family

3M Medical Division, part of the 3M Health Care family, is dedicated to improving the practice, delivery and outcome of patient care. 3M Health Care, the largest of seven major 3M business segments, is a leading provider of solutions for medical, dental, pharmaceutical, health information systems and personal care markets.

About 3M - A Global, Diversified Technology Company

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers in more than 200 countries around the world, the company's 67,000 people use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit www.3M.com.

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(1) 3M Medical, Market Research Recommendation for Benefit Testing on the New One Step Prep, Submitted by: NKH&W Inc., October 2003.

(2) One Step Prep Conjoint Pricing Study, Surgeons and Nurses, 3M Health care, December 23, 2004 Final Report, Presented by Gestalt, Inc.

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