DISPO PREP




# CHG APPLICATORS & SWABS STICKS

***More Than Skin Prep***

*It's a Commitment to Safety, Simplicity, and Surgical Success*

SURGEINE HEALTHCARE

# Introduction to CHG Applicators

*Chlorhexidine Gluconate (CHG) applicators are a leap forward in pre-surgical antisepsis. They combine* ***potent antimicrobial action*** *with a* ***user-friendly, no-touch delivery system*** *that streamlines the skin prep process.*

*Designed to reduce variability in technique and ensure* ***even application across all skin*** *types, CHG applicators not only lower the* ***risk of SSIs*** *but also promote consistent* ***infection control practices*** *across hospital departments.*

Their **single-use, sterile packaging** and **ergonomic design** help clinicians adhere to best practices-efficiently and confidently-at the point of care.




## India's First CHG Applicator

*Clinically Proven Protection,*
*Globally Aligned, Locally Innovated*

## Applicator Design Highlights

**Sponge Technology:**
*The sponge head adjusts to skin contours, allowing thorough coverage of complex or curved anatomical sites.*

**Pull & Push Mechanism:**
*Simply pull the coloured block in the centre, then push gently from the back to activate the solution.*

**Volume Flexibility:**
*Choose from small, medium, or large volumes depending on the procedural need-from a small injection to a full-body prep.*

**Sterility Guaranteed:**
*Each unit is sealed and sterilized, helping prevent pre-use contamination.*

***Available in clear, orange, and green tinted solutions***

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# Material & Formulation Excellence

*At the heart of our CHG applicators is a clinically validated formulation of **2% Chlorhexidine Gluconate and 70% Isopropyl Alcohol,** which has been featured in over **20 peer-reviewed clinical studies**.*




***This trusted formulation provides:***

### Superior Skin Adhesion:

*Enhances bonding of surgical drapes and maintains effectiveness even when exposed to blood or saline.*

### Consistency Under Pressure:

*The formula retains its antimicrobial properties in challenging clinical scenarios, making it a reliable choice in ORs, ERs, and intensive care units.*




# Smart, Safe, and Efficient

### Color-Coded for Safer Use

*Intuitive colour cues on the handle and sponge stick allow quick identification of sizes and formulations, reducing selection errors and improving clinical workflow.*

### Non-Slip Grip

*Textured barrel ensures secure, stable handling-especially important in gloved or high-pressure surgical environments.*

### Transparent, Impact-Resistant Barrel

*Durable, medical-grade plastic offers clear visibility of solution levels and structural integrity during handling and transport.*

### Controlled Flow System

*Gravity-assisted internal design provides consistent solution delivery without dripping or splashing, ensuring clean and efficient skin prep*

### Minimal Residual Waste

*Optimized internal channelling ensures maximum usage of the antiseptic solution, minimizing waste and cost.*




# Clinical Preference & Guidelines Support

*Our CHG Applicator & Swab Stick are backed by major health authorities and clinical practice guidelines. They are preferred by practitioners across surgical, emergency, and outpatient settings for their superior performance in infection control.*

***Endorsed by global authorities:*** *CHG-alcohol solutions are supported by* ***CDC, WHO, AORN*** *and other leading organizations for preoperative skin preparation.*

***Evidence-based superiority:*** *Research consistently shows that* ***chlorhexidine-alcohol*** *combinations are more effective than* ***povidone-iodine*** *in reducing SSIs, especially in high-risk surgical procedures.*

***These clinical endorsements and regulatory validations underscore the indispensable role of CHG applicators in today's evidence-based infection prevention protocols. As a cornerstone of preoperative skin antisepsis, CHG applicators contribute significantly to reducing the risk of SSIs and bloodstream infections-reinforcing their value in improving patient outcomes, supporting hospital safety goals, and aligning with global best practices.***

## Global Recommendations

*Alcohol-based antiseptics are widely endorsed across the world for preoperative skin preparation.*

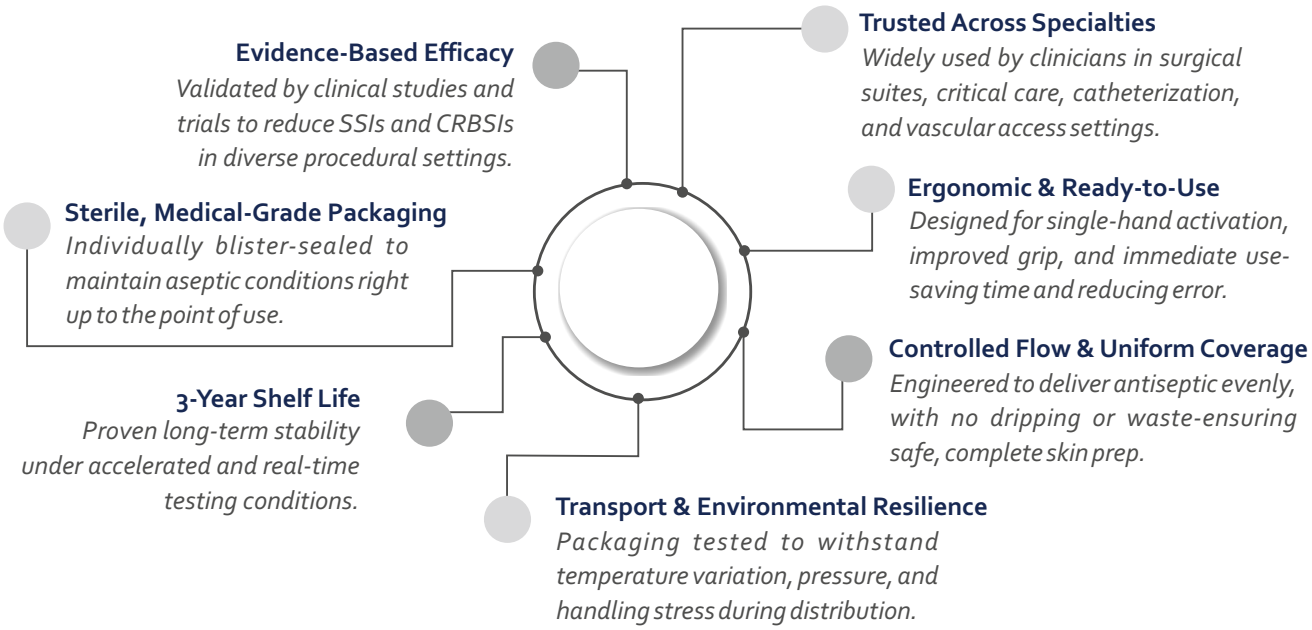
- Centers For Disease Control and Prevention (CDC)
- American College of Surgeons (ACS)
- American Society for Testing and Materials
- World Health Organization (WHO)
- Surgical Infection Society (SIS)
- International Organization for Standardization

- *Surgeine Healthcare's CHG applicators are clinically validated tools for infection prevention, proven to reduce* ***SSIs and CRBSIs.***
- *Our CHG applicator meets all key international standards for* ***stability, efficacy, safety, and packaging****. Tested in* ***ISO 17025-accredited labs****.*
- *It has demonstrated compliance in* ***antimicrobial performance, cytotoxicity, EO residuals, and long-term stability****. With a validated* ***3-year shelf life*** *and* ***proven sterility****,*
- *It is safe, reliable, and strongly recommended for routine clinical use in infection prevention.*

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# Clinical Value & Safety Benefits

*Surgeine Healthcare's CHG applicators are clinically validated tools for infection prevention, proven to reduce SSIs and CRBSIs through in vitro and human trials. Each unit is sealed in sterile, medical-grade packaging and tested for transport, environmental durability, and 3-year shelf stability.*




# Proven Protection

*Our CHG applicators are formulated with a powerful combination of Chlorhexidine Gluconate and Isopropyl Alcohol (IPA), delivering immediate and sustained protection against a wide spectrum of microorganisms. Clinical studies have consistently demonstrated that our CHG formulations provide:*

***Rapid action:***
*Starts killing microbes within* ***30 seconds*** *on dry skin, delivering fast and effective antimicrobial protection.*

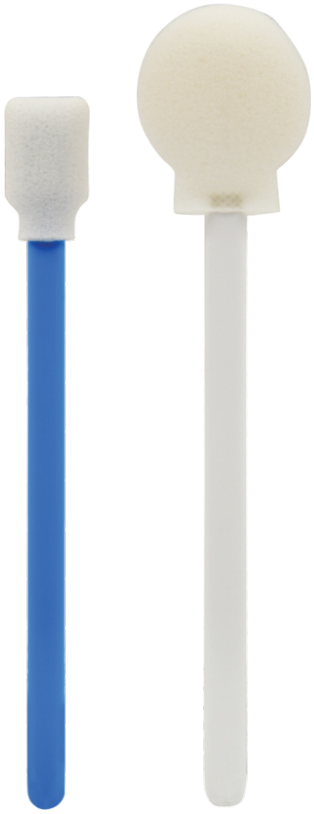
***Broad-spectrum efficacy:***
*Effectively eliminates gram-positive and* ***gram-negative*** *bacteria, yeasts, and resistant pathogens including MRSA.*

**Antimicrobial protection:**
The formulation provides **up to 96 hours** of microbial suppression, ensuring prolonged patient safety.

**Such superior performance makes our CHG applicators ideal for reducing the risk of surgical site infections (SSIs), bloodstream infections, and other healthcare-associated infections.**

# Product Range Versatility

*Our CHG applicator line is designed to meet the full spectrum of clinical needs—from small-scale disinfection to full surgical site preparation. We offer:*



### Multiple Delivery Formats:

*Choose from **applicators, pre-saturated sponge sticks,** or wipes to match different procedural needs and application areas.*

### Touch Free - Smart Prep

*A powerful **CHG–IPA** formula with a **no-touch** design for effective prep and reduced hand-to-patient contact.*

### Wide Volume Range:

*Available in sizes from **1.5 mL to 26 mL**-ideal for everything from injections and catheter insertions to full surgical site preparation.*

# Packaging & Shelf Life

- **Extended Shelf Stability – 3 Years of Reliability**

*All of our CHG applicators are specifically designed and packaged to be fully antimicrobially active for 36 months from the day of manufacture, with long-term readiness without degradation of performance.*

- **Sterile, Single-Use Packaging for Maximum Safety**

*Individual applicators are individually sealed within a sterility retained medical grade blister pack, kept sterile at point of use. This prevents cross-contamination and supports infection control processes within each clinical environment.*

- **Versatile Supply Options for All Facility Sizes**

*It is packaged in 10-unit sizes for day-to-day applications or bulk surgical trays designed specifically to fit high-volume surgery suites, emergency departments, and procedure centers – simplifying workflow and supply room inventory.*




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# Prep in 5 Simple Steps

**Step 1**



## PEEL

the paper starting from the top right corner of the sterile packaging.

**Step 2**



## PICK

up the applicator carefully, ensuring no contact with the foam tip.

**Step 3**



## PULL

the colored block in the middle while holding the applicator steady.

**Step 4**



## PUSH

from the back, tilting it at a 45-degree angle toward the floor.

**Step 5**



## PREP

the patient's skin with several up-down and left-right strokes.




## Ordering Information:

| Cat No. | Description | Volume | Coverage Area |
|---|---|---|---|
| 3001 | CHG Swab Applicator, Clear | 5.5 mL | 21x21 cms (440 $cm^2$) |
| 3002 | CHG Swab Applicator, Clear | 10.5 mL | 30x30 cms (900 $cm^2$) |
| 3003 | CHG Swab Applicator, Clear | 26 mL | 50x50 cms (2500 $cm^2$) |
| 3011 | CHG Swab Applicator, With Tint | 5.5 mL | 21x21 cms (440 $cm^2$) |
| 3012 | CHG Swab Applicator, With Tint | 10.5 mL | 30x30 cms (900 $cm^2$) |
| 3013 | CHG Swab Applicator, With Tint | 26 mL | 50x50 cms (2500 $cm^2$) |
| 3021 | Swab Stick | 1.5 mL | 10x11 cms (110 $cm^2$) |
| 3022 | Swab Stick | 3 mL | 15x15 cms (225 $cm^2$) |
| 3023 | Swab Stick (Pack of 3) | 1.5 mL | 10x11 cms (110 $cm^2$) |

## Get in touch with us:


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Cat-01 Applicator-07-2025