



# Avagard™

Hand Hygiene Solutions

## Their first defense is you.

### 3M™ Avagard™

(Chlorhexidine Gluconate 1% Solution and Ethyl Alcohol 61% w/w)

Surgical and Healthcare Personnel Hand Antiseptic with Moisturizers









Fight SSIs from every angle.

## Clean hands. Protected patients.

As a child you learned that clean hands helped you stay healthy and stop the spread of germs. Now, as an adult you know that **proper hand hygiene can help stop the spread of Healthcare-Associated Infections (HAIs)**. The CDC states that “Practicing hand hygiene is a simple yet effective way to prevent infections,” yet healthcare workers (HCW) generally clean their hands less than half as often as they should.<sup>1</sup>

WHO reports that nearly all HAIs can be prevented through proper hand hygiene at the right time.<sup>2</sup> However, statistics show the challenge of the situation; HAIs:

|  |  |   |
|--|--|---|
|  <p>Occur in <b>2-5%</b> of all patients undergoing inpatient surgery<sup>3</sup></p>   |  <p>Increase length of stay by <b>7-11 days</b><sup>3</sup></p>   |  <p>Result in <b>2-11X</b> increased risk of mortality<sup>3</sup></p>  |
|  <p>On average <b>38.7%</b> of HCWs comply with hand hygiene guidelines<sup>4</sup></p> |  <p>It's estimated more than <b>80%</b> of glove perforation incidents go unnoticed by surgical staff<sup>4,5</sup></p> |  <p>Glove perforation rates range from <b>4%</b> in ophthalmic surgeries, to <b>57%</b> in hip fracture surgeries<sup>6,7</sup></p> |



**Avagard Surgical Hand Antiseptic** fulfills WHO, CDC, and AORN recommendations to use a suitable alcohol-based hand rub or antimicrobial soap that **ensures sustained antimicrobial activity** before putting on sterile gloves.<sup>4,8</sup> This results in lower microbial counts on healthcare workers' hands and may reduce the risk of HAIs.

# Inside the OR: an effective answer.

The right surgical scrub can make a big difference. In a timed study, 3M™ Avagard™ (Chlorhexidine Gluconate 1% Solution and Ethyl Alcohol 61% w/w) Surgical and Healthcare Personnel Hand Antiseptic with Moisturizers outperformed two of its competitors in demonstrating superior persistent antimicrobial activity on the hands after 6 hours of glove wear.<sup>9</sup>

Avagard Surgical Hand Antiseptic is the only FDA NDA approved hand antiseptic with two proven active ingredients. The immediate bacterial kill of ethanol and the long-term action of CHG offer protection for up to 6 hours.<sup>10</sup> For even better protection, the CHG increases efficacy with repeated use.<sup>11,12</sup>

To learn more about the study >>

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## You deserve a scientific solution.

Sustained antimicrobial activity with added moisturizers make hand hygiene an easy habit.

## Outside the OR: continued protection.

In contrast to the OR, healthcare workers in the ICU come into contact with many surfaces that harbor potential pathogens. These surfaces, referred to as high touch surfaces, include light switches, bedside tables, bed rails, telephones, door handles, keyboards, and medical equipment among others. Pathogens are known to survive on inanimate surfaces for months.<sup>13</sup> The risk for transmission of pathogens from contaminated surfaces to the patient via healthcare workers' hands is significant.<sup>14</sup>

Avagard Surgical Hand Antiseptic combines the instant power of alcohol with long-lasting chlorhexidine gluconate to accomplish both the immediate and continued protection needed for patient care.



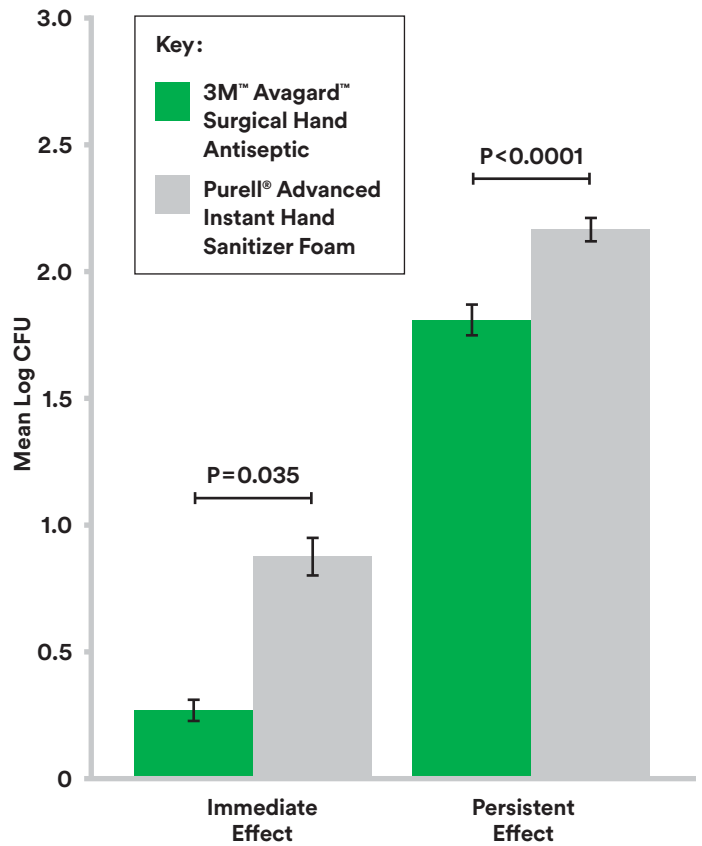
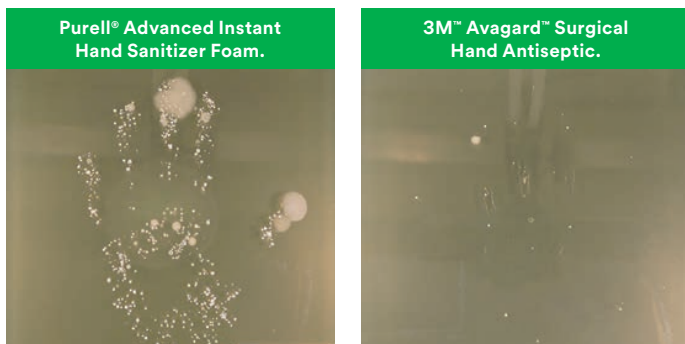


# Intensive Care Unit (ICU) study results.

In a randomized clinical trial with healthcare workers in the ICU, those who used Avagard Surgical Hand Antiseptic were shown to have significantly lower aerobic bacterial counts, both immediately after use and after spending time in ICU common areas, when compared to the hands of healthcare workers who used an alcohol-only product.<sup>15</sup>

Healthcare workers outside of the OR have the opportunity to practice a higher standard of care by using Avagard Surgical Hand Antiseptic that is persistent in protecting against bacteria.<sup>15</sup>

Both images show bacterial growth, with persistent effect, from a healthcare worker using:



## Compliance doesn't have to mean cracked hands.

Unfortunately, compliance with hand hygiene standards may be lower because some products contribute to cracked hands.<sup>16,17,18</sup> Avagard Surgical Hand Antiseptic has proven effective at reducing bacteria on the hands of healthcare workers, while maintaining moisture for more comfortable prolonged use.<sup>15,16,17,18,19</sup>

The unique waterless and brushless formula of Avagard Surgical Hand Antiseptic helps skin maintain its barrier function by removing the need for vigorous brushing and added moisturizers. This not only reduces the risk of bacterial transfer, but can cut the costs of additional lotions and associated solid waste.



## Meeting standards.

To meet regulatory requirements, those hand hygiene products considered to be a drug by the FDA, must be approved under an NDA or meet the safety and efficacy criteria in the FDA's Tentative Final Monograph (TFM) for OTC Health Care Drug Antiseptic Products in order to be marketed in the U.S. Either route requires testing according to standard methods established by ASTM International.

In Europe, hand hygiene products are tested to the EN standards issued by the European Committee for Standardization (CEN).

There is no evidence that the efficacy criteria established for one standard are superior to the other. The CDC and WHO acknowledge this by noting that the level of bacterial reduction required to minimize pathogen transmission is unknown.<sup>4,8</sup>



# Stopping bacteria wherever you are.

Choosing an effective, persistent hand antiseptic can help create a safer facility. So, whether in the operating room, PACU, ICU, or other areas in your facility, remember the basics. The CDC and WHO guidelines are possible to meet with our proven hand antiseptic.

## Ordering Information

| Catalog Number | Product Name   | Items/Case           |
|----------------|--|----------------------|
| 9200           | 3M™ Avagard™ (Chlorhexidine Gluconate 1% Solution and Ethyl Alcohol 61% w/w) Surgical and Healthcare Personnel Hand Antiseptic with Moisturizers, 16.9 fl. oz. (500 mL) (Dispenser Bottle) | 8                    |
| 9216           | 3M™ Avagard™ (Chlorhexidine Gluconate 1% Solution and Ethyl Alcohol 61% w/w) Surgical and Healthcare Personnel Hand Antiseptic with Moisturizers, 1.2 Liter (Wedge Bottle)                 | 4                    |
| 9201A          | 3M™ Avagard™ Wall Bracket and Foot Pump (Use with 9200 or 9216 Dispenser Bottle)   | 10                   |
| 9202           | 3M™ Avagard™ Wall Bracket and Hand Pump (Use with 9200 or 9216 Dispenser Bottle)   | 1                    |
| 9203A          | 3M™ Avagard™ Replacement Foot Pump (Use with 9201 Wall Bracket)  | 6                    |
| 9204           | 3M™ Avagard™ Nail Cleaners 9204  | 150/Box (6 Box/Case) |
| 9228           | 3M™ Avagard™ Hands Free Wall Dispenser (Use with 9200 or 9216 Dispenser Bottle)  | 4                    |

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- (LIMS 8303), 3M Health Care. Skin Condition.
- LIMS 7771

**Help keep patients healthy and increase compliance in your facility.**

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