

**3M** Science.  
Applied to Life.™

# Protect your patients — fight *S. aureus*.

## 3M™ Skin and Nasal Antiseptic

(Povidone-Iodine Solution 5% w/w [0.5% available iodine] USP)  
Patient Preoperative Skin Preparation



3M™ Skin and Nasal Antiseptic contains a film-forming polymer for persistence.

## A common, costly problem.

*Staphylococcus aureus* accounts for more health care associated infections than any other pathogen.<sup>2</sup> Decolonization has been used to reduce transmission and may help prevent disease in *S. aureus* carriers.

Frequently providers address nasal bacteria with a five-day regimen of the antibiotic mupirocin. However, poor patient compliance and antibiotic resistance can make this treatment less effective. To help protect patients, there is an alternative antiseptic solution to the current antibiotic approach for nasal decolonization.

## Proven efficacy. Simple application.

### Preoperative nasal decolonization.

Providers can take control of preoperative nasal decolonization with 3M™ Skin and Nasal Antiseptic. This simple, one-time application reduces nasal bacteria, including *S. aureus*, by 99.5% in just one hour and maintains this reduction for at least 12 hours.<sup>8</sup> As part of a comprehensive preoperative protocol, 3M™ Skin and Nasal Antiseptic is an important tool to help reduce SSIs while supporting antibiotic stewardship.<sup>9</sup>

### Safe and effective for repetitive use, 2x a day.\*

In a pilot study in nursing home residents, 3M™ Skin and Nasal Antiseptic was demonstrated to be safe and effective. 3M™ Skin and Nasal Antiseptic combined with CHG bathing was effective in reducing MDRO colonization in nursing home residents.<sup>10</sup>

\*Repetitive use: 2x a day, 5 days on, 5 days off for up to 3 months

30% 

of patients are already colonized with *S. aureus*.<sup>1</sup>

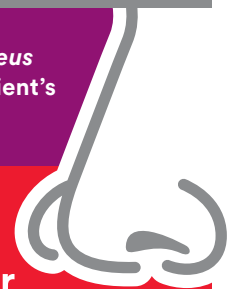
80% of SSIs from *S. aureus* come from the patient's own nasal flora.<sup>3-5</sup>



A single SSI can cost up to an additional

**\$60K** per incident<sup>6</sup>

Average CLABSI can cost **\$45K**<sup>7</sup>



1x application

at least  
**12hr**  
persistence<sup>8</sup>

**SAFE**  
for repetitive use\*

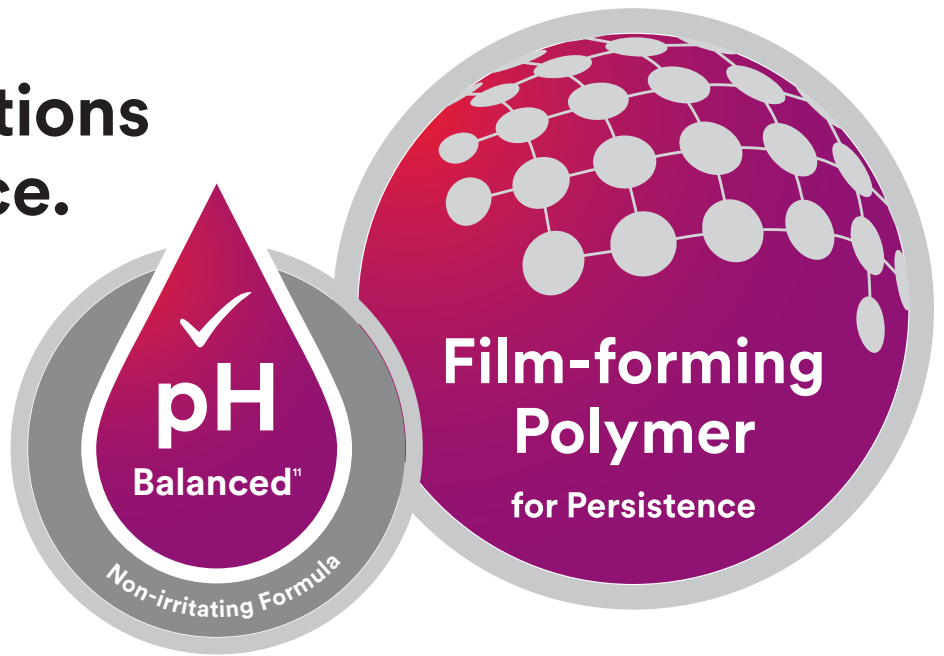
**99.5%**

reduction in *S. aureus* in one hour<sup>8</sup>

# Healthcare solutions driven by science.

Confidence in surgical products matters. Choose 3M™ Skin and Nasal Antiseptic, as part of a comprehensive protocol, to help reduce the risk of surgical site infections.

- A pH-balanced formulation<sup>11</sup> with a scientifically developed film-forming polymer to increase persistence
- Improves patient safety and protocol compliance without antibiotics.<sup>9</sup>



3M™ Skin and Nasal Antiseptic is considered a

## Better Value

as defined by the quality of outcomes and cost.<sup>9</sup>



## Zero

*S. aureus* infection in per protocol analysis with 3M™ Skin and Nasal Antiseptic, compared to mupirocin.<sup>9</sup>

## The antibiotic vs. the antiseptic.

A randomized study compared deep SSIs within 90 days of surgery in patients who received 3M™ Skin and Nasal Antiseptic and those who received mupirocin.<sup>9</sup>

Patients who received 3M™ Skin and Nasal Antiseptic had a lower overall rate of infection, as well as a lower rate caused by *Staphylococcus aureus* compared to mupirocin. When comparing the quality of outcomes to costs, 3M™ Skin and Nasal Antiseptic was determined to be a better value.<sup>9</sup>



# Outperforms the competition.

An ex vivo study compared the efficacy of 3M™ Skin and Nasal Antiseptic, Profend®, Betadine® Solution, and Povidone Iodine Nasal Antiseptic Swabs – Medline® in killing methicillin-resistant *S. aureus* (MRSA).<sup>12</sup>

3M™ Skin and Nasal Antiseptic was more effective than Profend®, Povidone Iodine Nasal Antiseptic Swabs – Medline® and Betadine® against MRSA. In the ex vivo model, after 6 and 24 hours following treatment, 3M™ Skin and Nasal Antiseptic showed significantly better antiseptic activity than Profend®, Povidone Iodine Nasal Antiseptic Swabs – Medline® or Betadine®.<sup>12</sup>



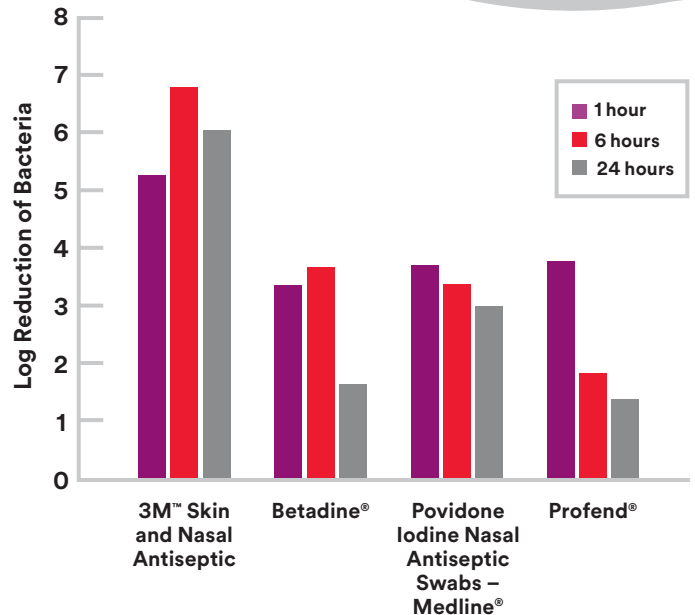
## The ex vivo study resulted in two significant observations.<sup>12</sup>

1

3M™ Skin and Nasal Antiseptic showed significantly more persistent antiseptic activity against MRSA throughout testing when compared to 10% Betadine®, Povidone Iodine Nasal Antiseptic Swabs – Medline®, or Profend®.

2

Overall, Profend®, Povidone Iodine Nasal Antiseptic Swabs – Medline® and Betadine® Solution were not significantly different in reducing the MRSA isolate tested.



Make the change that makes a real difference with a simple and clinically effective solution for nasal decolonization.

## Try it for yourself!

Visit [go.3M.com/NasalSample](http://go.3M.com/NasalSample) for a complimentary sample. Or call 1-800-228-3957.



## Ordering information

Catalog No.	Description	Pouch Contents	Pouches/Box	Boxes/Case
192401	3M™ Skin and Nasal Antiseptic (Povidone-Iodine Solution 5% w/w [0.5% available iodine] USP) Patient Preoperative Skin Preparation	1 Bottle 0.14 fl oz (4mL), 4 Sterile Swabs	12	4

## References

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- Anderson DJ, Kaye KS, Chen LF, et al. Clinical and financial outcomes due to methicillin resistant *Staphylococcus aureus* surgical site infection: a multi-center matched outcomes study. *PLoS ONE.* 2009;4:e8305.
- Zimlichman E, Henderson D, Tamir O, et al. Health care-associated infections: A meta-analysis of costs and financial impact on the US health care system. *JAMA Intern Med.* 2013;173(22):2039-2046.
- 3M Study-05-011100.
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- Miller LG, McKinnell JA, Singh R, et al. Reduction of MDRO colonization in nursing home residents with routine use of chlorhexidine bathing and nasal iodophor (Project PROTECT). Presented at IDWeek 2016, New Orleans, LA, October 2016.
- 3M Study-05-011017.
- 3M data on file.

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