Control nasal decolonization with a trusted solution.

3M™ Skin and Nasal Antiseptic
(Povidone-Iodine Solution 5% w/w [0.5% available iodine] USP)
Patient Preoperative Skin Preparation

A common, costly problem.

Approximately 30% of people are colonized with Staphylococcus aureus, the leading cause of surgical site infections (SSIs), when they reach the operating room. More than 80% of infections from S. aureus come from a patient’s own nasal flora, making this a major concern. Without proper precautions, an SSI could develop and cost up to an additional $60,000 per incident.

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.

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. As part of a comprehensive preoperative protocol, 3M™ Skin and Nasal Antiseptic is an important tool to help reduce SSIs while supporting antibiotic stewardship.
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. Patients who received 3M™ Skin and Nasal Antiseptic had a lower overall rate of infection, as well as a lower rate caused by S. aureus compared to mupirocin. When comparing the quality of outcomes to costs, 3M™ Skin and Nasal Antiseptic was determined to be a better value.

A more effective solution.

As nasal antiseptics become a more common solution for reducing S. aureus including MRSA, more products are available. But are they equal?

A randomized study, in primary total joint arthroplasty, compared the efficacy of 10% povidone iodine, saline, and 3M™ Skin and Nasal Antiseptic on nasal S. aureus. Nasal cultures were taken at baseline, 4 hours and 24 hours post-decolonization.

At 4 hours, 3M™ Skin and Nasal Antiseptic was significantly more effective at intranasal decolonization than 10% povidone iodine and saline ($p=0.003$). At 24 hours, 3M™ Skin and Nasal Antiseptic continued to outperform the 10% povidone iodine and the saline control. At 4 hours and 24 hours, 3M™ Skin and Nasal Antiseptic had 79% and 41% negative S. aureus cultures respectively. At those same time points, 10% povidone iodine had 48% and 28% negative S. aureus cultures, which was similar to the saline control.

A randomized, controlled study took cultures from S. aureus carriers 4 hours after application and...

79% of 3M™ Skin and Nasal Antiseptic patients had negative S. aureus culture, but only 48% of 10% Povidone Iodine patients had negative S. aureus culture.
Outperforms the competition.

An ex vivo study compared the efficacy of 3M™ Skin and Nasal Antiseptic, Betadine® Solution, and Clorox Healthcare™ Nasal Antiseptic Swabs in killing methicillin-resistant S. aureus (MRSA).10

3M™ Skin and Nasal Antiseptic proved to be significantly more effective than both Clorox Healthcare™ and Betadine® against MRSA and high-level mupirocin-resistant MRSA. After 1, 6, and 24 hours following treatment, 3M™ Skin and Nasal Antiseptic showed significantly better antiseptic activity than Clorox Healthcare™ or Betadine®.10

The ex vivo study resulted in two significant observations.10

1 3M™ Skin and Nasal Antiseptic showed significantly more persistent antiseptic activity against MRSA throughout testing when compared to Clorox Healthcare™ or Betadine®.

Overall, Clorox Healthcare™ Nasal Antiseptic and Betadine® Solution were not significantly different in reducing the MRSA isolates tested.

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 formulation11 with a scientifically developed film-forming polymer to increase persistence
- Only nasal antiseptic supported by 10 investigator-initiated clinical studies
- Improves patient safety and protocol compliance without alcohol or antibiotics.8

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

Visit 3M.com/NasalAntiseptic for a free trial.
Or call 1.800.228.3957.
Ordering Information

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

7. 3M Study-05-01100.
11. 3M Study-05-011017.

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