## Nozin® Nasal Sanitizer® antiseptic
### 360° NASAL DECOLONIZATION PROGRAM
### Surgery Protocol

<table>
<thead>
<tr>
<th>GOAL</th>
<th>Make another step toward zero infections by achieving <em>Staphylococcus aureus</em>, including MRSA, nasal decolonization of surgical patient AND healthcare workers/caregivers in contact with patient.</th>
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</thead>
<tbody>
<tr>
<td>STRATEGY</td>
<td>• Perioperative care: Reduce nasal carriage in the <strong>patient and everyone around the patient before, during and after surgery</strong>&lt;br&gt;• Reduce <em>Staphylococcus aureus</em> nasal carriage in the patient prior to surgery&lt;br&gt;• Reduce <em>Staphylococcus aureus</em> nasal carriage of everyone who comes in contact with the patient before, during and after surgery&lt;br&gt;• Maintain decolonization of the patient and caregivers during post-operative period to help reduce complications that often lead to readmission</td>
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<tr>
<td>INDICATION</td>
<td><strong>Patient</strong>&lt;br&gt;• Day of Surgery&lt;br&gt;  • 3 Nozin swabs within 1 hr. prior to surgery&lt;br&gt;  • Next 5-8 days&lt;br&gt;  • 3 Nozin swabs/day&lt;br&gt;<strong>Staff</strong>&lt;br&gt;• All OR staff&lt;br&gt;  • 2 Nozin swabs /shift&lt;br&gt;• Recovery/Post op&lt;br&gt;  • 2 Nozin swabs/shift&lt;br&gt;<strong>Visitors</strong>&lt;br&gt;• Nozin swab before entering patient room&lt;br&gt;• Additional Nozin swab every 8 hrs&lt;br&gt;<strong>Caregivers at home</strong>&lt;br&gt;• 2 Nozin swabs/day for 5-8 days</td>
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### ENDNOTES


Evidence shows nasal bacteria are a primary contributor to the spread of infection. Nozin® Nasal Sanitizer® antiseptic can help reduce the risk **WITHOUT ANTIBIOTICS**.

**Nozin.**

*Think hand sanitizer for your nose.*

**Nozin.com • 877-669-4648**

4608 North Park Avenue, Suite 200 - Chevy Chase, MD 20815
Reduce
Staphylococcus aureus
Nasal Carriage

Surgery 360° Decolonization Program

The most comprehensive program for nasal decolonization for surgical patients

A safe, effective, non-antibiotic method for nasal carriage reduction

Nozin® Nasal Sanitizer® Advanced Antiseptic is a non-prescription ethanol-based product with a demonstrated microbial killing activity that is topically applied with a swab to the nares.¹

- FAST ACTING
- BROAD SPECTRUM EFFICACY
- PROVEN SAFE AND EFFECTIVE
- EASY & PLEASANT TO USE
- LOW COST
- LONG LASTING

CLINICALLY SHOWN TO REDUCE NASAL CARRIAGE, WITHOUT ANTIBIOTICS
Studies have shown nasal carriage of *Staphylococcus aureus* to be the most important risk factor for developing surgical site infection (SSI) [4].

* Methicillin-resistant *Staphylococcus aureus* (MRSA)

**NOZIN 360: THE MOST COMPREHENSIVE NASAL DECOLONIZATION PROGRAM**

Help prevent infections by safely reducing *Staphylococcus aureus* nasal carriage in patients and everyone in contact with them: healthcare workers, visitors and at home caregivers.

**The Nozin Role in SSI Prevention**

Nozin Nasal Sanitizer antiseptic can help protect patients against the spread of infection, improve the quality of care and reduce facility costs.

- 99% (median) effectiveness
- Does NOT contribute to antibiotic resistance
- Follows antibiotic stewardship guidelines
- Compliance made easy: pleasant and easy to use
- CAN be used in unplanned/emergency surgeries
- CAN be used post-op to help prevent infections
- CAN be used by healthcare workers and caregivers
- Cost-effective – low cost ensures sustainability

**The NOZIN ADVANTAGE**

<table>
<thead>
<tr>
<th>NASAL DECOLONIZATION PRODUCTS COMPARISON</th>
<th>Nozin® Nasal Sanitizer® antiseptic</th>
<th>Antibiotic prophylactic (mupirocin)</th>
<th>5% povidone-iodine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Non-antibiotic</td>
<td>✔</td>
<td>✘</td>
<td>✔</td>
</tr>
<tr>
<td>Same day use</td>
<td>✔</td>
<td>✘</td>
<td>✔</td>
</tr>
<tr>
<td>Compliance assurance</td>
<td>✔</td>
<td>✘</td>
<td>✔</td>
</tr>
<tr>
<td>Easy to use / Pleasant</td>
<td>✔</td>
<td>✘</td>
<td>✘</td>
</tr>
<tr>
<td>Sustained decolonization</td>
<td>✔</td>
<td>✘</td>
<td>✘</td>
</tr>
<tr>
<td>All-inclusive: HCW/ Caregiver use</td>
<td>✔</td>
<td>✘</td>
<td>✘</td>
</tr>
<tr>
<td>Low cost</td>
<td>✔</td>
<td>✔</td>
<td>✘</td>
</tr>
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**WHEN USED IN SURGERY PROTOCOLS, NOZIN CAN ACHIEVE EFFECTIVE DECOLONIZATION**

with the added advantage of addressing existing concerns over current preventive protocols.
Surgical site infections are the most common and costly healthcare-associated infections (HAIs) [6]

Patients carrying MRSA bacteria have an 1 in 5 chance of developing a life-threatening MRSA infection. [8]

SSIs are the most common adverse event for surgical patients: 1 in 20 patients undergoing surgery will have an SSIs[7]

The 1-year mortality rate among patients with MRSA SSI is 22%. [19]

30% of population carry Staphylococcus aureus in the nose* [9]

Preventing a SINGLE CASE of SSI due to MRSA can save hospitals AS MUCH AS $60,000 [11]

Clinical practice guidelines recommend intranasal Staphylococcus aureus decolonization for high-risk procedures, including orthopedic and cardiothoracic procedures as part of an effective strategy to prevent SSIs (SHEA/IDSA). [12]

How to use POPSWAB® AMPULE

1. Remove
   - Remove ampule from its cardboard sleeve.

2. Flip
   - Flip ampule around to expose swab tip.

3. Reinsert
   - Reinsert ampule into sleeve, swab exposed.

4. Shake
   - USE ONLY WITH SLEEVE ON AMPULE. Shake well.

5. Pop, Squeeze
   - Crush at dot to pop. Squeeze to wet swab.

6. Apply to nostril 1
   - Swab around nostril 1 rim 6X in each direction.

7. Resaturate
   - Squeeze ampule to resaturate swab.

8. Apply to nostril 2
   - Swab around nostril 2 rim 6X in each direction.

Infection Control Costs Down

Quality of Care Up

Patient Satisfaction Up

Staphylococcus aureus /MRSA

IS THE LEADING CAUSE OF SURGICAL SITE INFECTIONS (SSIs) [5]