

Nozin® Infection Prevention Programs

Reduce SSI Replace MRSA CP Universal ICU Decolonization

Nasal Decolonization IP Programs Clinically Proven
To Reduce HAI and Increase Facility ROI



Nozin®
LEADER IN NASAL DECOLONIZATION™

Nozin IP Programs: Planning Process



- Reduce SSI
- Replace MRSA CP
- Universal ICU Decolonization

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Let Us Help You Plan and Implement a Nozin Program.

With a Nozin advisor, you can utilize proprietary tools to help develop a customized implementation of clinically proven Nozin IP programs.

Planning Process

This document outlines the benefits of Nozin programs and how Nozin advisors can work with you to implement these programs in your facility. Each Nozin program is based on clinically proven Nozin® Nasal Sanitizer® advanced antiseptic for nasal decolonization.

Your Nozin advisor will guide you through the following key steps to help achieve your infection prevention goals:

Risk assessment

Define, identify and assess risks in your IP program utilizing latest research.

Analysis

Review scientific rationale and evaluate how a Nozin program can help address risks.

Customization

Utilize Nozin CP Cost Calculator™ and ICU Audit Tool™ to optimize program benefits and estimate savings.

Internal Buy-in

Develop an internal selling plan to help you in assuring a successful in-service.



Reduce SSI: Nozin Surgery 360™

The Most Comprehensive Program to Reduce SSI.

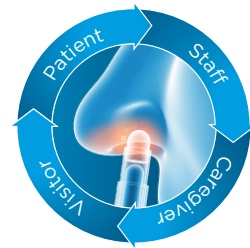
Nozin 360™ nasal decolonization when added to an existing IP bundle reduced surgical site infections by an additional **81%**.¹

81%
SSI REDUCTION

A Nozin advisor can help tailor this innovative program for your facility.

Nasal decolonization protocols using antibiotics or iodine only target patients in pre-op and do not address post-op risk or nasal carriage risk from those with patient contact. Nozin® Nasal Sanitizer® can help assure:

- Pre-op compliance on the day of surgery
- Low cost, sustained nasal decolonization post-op with continued use
- Nasal decolonization of facility staff, caregivers and visitors



Give your bundle a **boost**.™



PERIOPERATIVE NOZIN SURGERY 360™ PROTOCOL

User	Application Protocol with Nozin® Nasal Sanitizer® antiseptic
Patient	3 applications within 1 hour prior to surgery. Post-op: 2 applications per day inpatient and outpatient.
OR Staff	1 application per 12 hour shift. Include all with patient contact.
Visitors	Apply before entering patient room, then every 12 hrs
Caregivers	2 applications per day

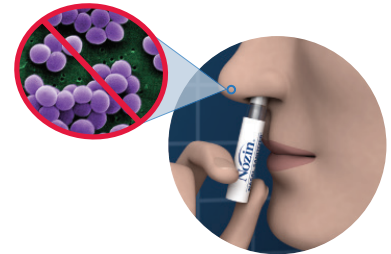
Continue the other components of your pre-op protocols. Nozin® Nasal Sanitizer® antiseptic is for nasal decolonization only.

Universal ICU Patient Decolonization

Why Implement Universal ICU Patient Decolonization?

Research shows universal nasal and skin decolonization can achieve 44% reduction in blood stream infections (BSI)² and \$171 cost savings per patient compared to targeted screen and isolation with CP.³

You can now achieve universal patient decolonization benefits including replacing screen and isolation while avoiding nasal use of antibiotic ointments with their bacterial resistance concerns. Nozin® Nasal Sanitizer® provides safe decolonization that conforms with antibiotic stewardship.



Nasal decolonization for ICUs

It's time for your ICUs to benefit from clinically proven protocols that include nasal decolonization.

With the Nozin ICU Program, universal, safe, daily nasal decolonization is now possible without the known limitations of antibiotics or iodine. Nozin® Nasal Sanitizer® antiseptic is the most practical solution to help achieve universal decolonization for better care with fewer HAIs and improved return on investment (ROI) for your facility.

A Nozin advisor can help you assess the significant advantages with this program. These include the opportunity to safely replace contact precautions.



ICU PATIENT PROTOCOL

When to apply	Application Protocol with Nozin® Nasal Sanitizer® antiseptic
ICU Admission Day 1	2 applications per day - Using Popswab® ampules or 12 mL bottle with swabs
Subsequent ICU Days	2 applications per day - Using Popswab® ampules or 12 mL bottle with swabs
After ICU Discharge (optional)	2 applications per day, at home - Using 12mL bottle with swabs

It is recommended that this protocol for ICUs be complemented with daily CHG bathing for the duration of patient stay.

Safely Replace MRSA CP

Why Replace MRSA Contact Precautions (CP)?

Patients in MRSA Contact Precautions:

- Receive less care
- Have worse outcomes
- Generate higher facility expense
- Report lower satisfaction scores

Evidence supports replacing MRSA screen and isolate programs with a Universal Patient Decolonization Program.

Costly and time consuming CP can lead to adverse patient outcomes. Research backs the move away from MRSA CP with the introduction of universal patient nasal and skin decolonization.^{2,4,5}

IP Managers, ICU Managers and DoNs are working with Nozin to help safely replace MRSA screen and isolate protocols with simple, economical, daily universal decolonization.



Ask your Nozin advisor to help you develop a comprehensive summary of the current costs and impact of MRSA CP protocols. Learn about the remarkable patient care improvements and cost savings you could make with a customized Nozin® Universal ICU Decolonization Program.

ICUs are adopting Nozin® protocols to:

- Realize benefits of universal decolonization
- Safely replace MRSA CP isolation
- Lower infections, reduce costs
- Enhance quality of patient care
- Support antibiotic stewardship

CP Replacement Analysis

Get a Custom Analysis of CP Replacement Options.

Receive your ICU Audit Tool™ report to review:

- Patient care improvements
- Savings estimate
- Number of BSIs that may be avoided
- Estimate of treatment costs avoided

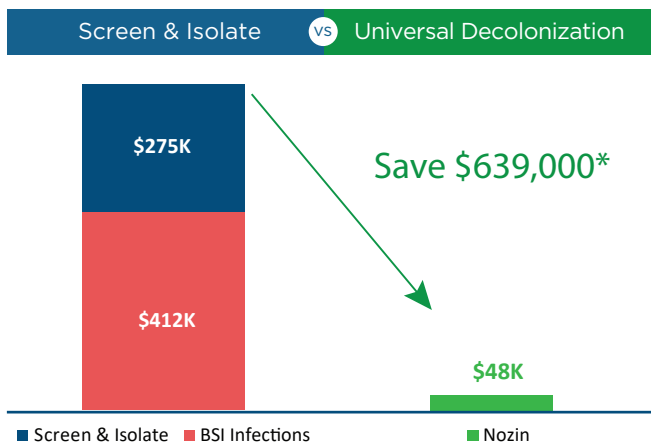
An important step.

1. Your Nozin advisor will help you identify the main risks ICU and CP patients experience.
2. The **ICU Audit Tool™** and **CP Cost Calculator™**
 - Helps analyze the costs and impact of your current ICU and CP protocols
 - Shows potential results for implementing the Nozin® Universal ICU Patient Decolonization Program in your facility. Including:
 - Substantial patient care improvements
 - Savings estimate for reducing CP
 - The potential number of BSIs and treatment costs that could be avoided



The **ICU Audit Tool™** report will show evidence based insight to help improve patient care and throughput, reduce costs and lower infection risk..

ICU Annual Savings Example



Projected example for a 30 bed ICU facility over 1 year.

Representative example for a 30 bed ICU³

- Eliminate **1,296** patient days in isolation per year
- Eliminate **\$275,000/yr** in out of pocket costs
- Save over **1,257 hrs/yr** nursing time
- Potentially avoid **23 BSIs/yr** and **\$412,000** in treatment costs

*Cost of BSI infections is based on the average number of BSI infections that could potentially be avoided per year using universal decolonization.³

Disclaimer: Savings estimates are for example only and any actual savings may vary based on a number of factors. Prices and rates are subject to change without prior notice. This information should not be relied upon as a guarantee of results.

Product Comparison

Why Choose Nozin?

The right product will be effective, nonantibiotic, easy to use, and well tolerated. It must also be able to sustain decolonization with continued use by the patient as well as be appropriate for use by those in contact with the patient.



Nozin IP Programs leverage the versatile profile and proven effectiveness of Nozin® Nasal Sanitizer® antiseptic.^{1,6}

Nasal decolonization has become an important tool in providing the best possible care. Research supports wider adoption of nasal decolonization for infection control. As the table below shows, Nozin offers the most suitable profile.

In a comparison of products, Nozin® Nasal Sanitizer® allows for wider applicability. Universal, sustained nasal decolonization is now possible without some of the familiar constraints of antibiotics or iodine.

PRODUCT COMPARISON	Nozin® NASAL SANITIZER	Antibiotic prophylactic (mupirocin)	Povidone iodine
Effective	✓	✓	✓
Nonantibiotic / broad spectrum	✓	✗	✓
Same day use	✓	✗	✓
Compliance assurance	✓	✗	✓
Easy and pleasant to use	✓	✗	✗
Sustained decolonization	✓	✗	✗
HCW / Caregiver use	✓	✗	✗
Low cost	✓	✓	✗

Nozin® Infection Prevention Programs help safeguard your most vulnerable patients from the risks of MRSA colonization.

Nasal decolonization for
Surgery, ICU, MRSA CP
made safer and easier.

Better care. Lower costs.

Get started today.

Request your Nozin samples and ask a Nozin advisor for a FREE cost savings analysis for your facility.⁷

Nozin.com 877-669-4648





The use of Nozin® product with our MRSA colonized patients enables us to actively reduce the bacterial carriage of those who might be contributing to transmission and to lessen the environmental burden of potential pathogens.

Nina Deatherage
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Marshall Medical Center, CA

References

1. Mullen A, et al. Perioperative participation of orthopedic patients and surgical staff. *AJIC*, 2017, Vol 45, Issue 5, 554 - 6. 2. Huang SS et al. Targeted versus universal. *N Engl J Med*, 2013; 368(24): 2255-65 3. Huang SS et al. Cost Savings of Universal Decolonization to Prevent Intensive Care Unit Infection. *ICHE*, 2014; 35 (S3): S23-S31. 4. Sanchita, Das, et.al. 2014. Active Surveillance and Decolonization Without Isolation. *Open forum infectious diseases* 1(2): ofu067. 5. Nasal decolonization and CHG bathing. 6. Steed L, et al. Reduction of nasal *Staphylococcus aureus* carriage. *AJIC* 2014; 42(8): 841-846. 7. Request free professional samples online at Nozin.com. Limitations apply.

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Nozin® Nasal Sanitizer® antiseptic is an OTC topical drug and no claim is made that it has an effect on any specific disease.

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