



Destroy a leading cause of HAIs in minutes

STERIWAIVE™ NASAL PHOTODISINFECTION

Steriwave nasal photodisinfection is a revolutionary technology using a photosensitive liquid and light that obliterates viruses, bacteria and fungi in the nose, before these pathogens can cause serious healthcare-associated infections (HAIs).

“It’s quick. It’s easy. It’s painless. The results are outstanding.”

DR. MICHEL HJELKREM, MD.
ORTHOPAEDIC SURGEON AT
KOOTENAY BOUNDARY HOSPITAL



Effective against
SUPERBUGS

Does not induce
**ANTIMICROBIAL
RESISTANCE (AMR)**



Simple Solutions to Complex Infections



The costly impact of HAIs

Each year, it's estimated that around 220,000 Canadian patients develop one or more HAIs – many of which are now caused by antimicrobial resistant organisms, making the infections difficult to treat.¹

1 in 9
Canadian patients
**DEVELOP HAIs
EVERY YEAR**¹⁻²

12,000
infected patients
LOSE THEIR LIVES¹⁻²

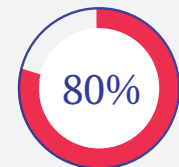
\$1B+
extra cost
**TO CANADIAN
HEALTHCARE**¹⁻²

HAI- causing pathogens spread *easily from the nose*



1 in 3

people carry *S.aureus*
in their nose³⁻⁴



of infections come from
patient's nasal bacteria⁵

DECOLONIZING THE NOSE IS EXTREMELY EFFECTIVE

Numerous studies have confirmed that decolonizing the nose prior to surgery or upon admission to the ICU **reduces the rate of infection by more than 40%**.

However, compliance issues and antimicrobial resistance associated with antibiotics have prevented universal application to all patients.

STUDY	PATIENTS	FINDINGS	INFECTION RATE REDUCTION
REDUCE-MRSA ⁶	74,000 ICU	UNIVERSAL decolonization effective	44% (P<0.001)
STOP SSI ⁷	42,000 Pre-Op	PREOP decolonization effective	42% (P=0.02)
ABATE ⁸	529,000 Med-Surg	Effective in patients with devices	37% (P=0.0004)

Steriwave™ is powerful disinfection

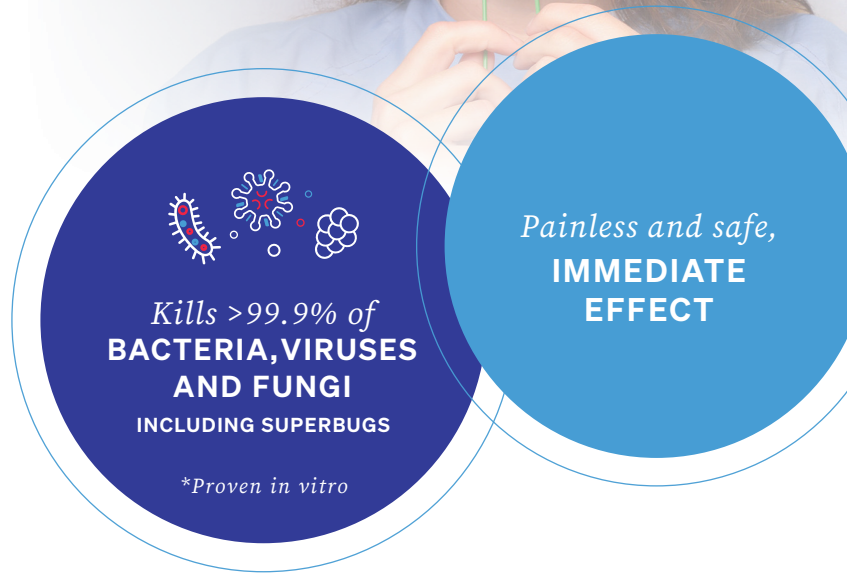
Health Canada approved and with over a decade of clinical use, Steriwave nasal photodisinfection has been proven to significantly reduce the incidence of infection, especially among high-risk patients.

Steriwave outperforms all other treatments to rapidly and thoroughly disinfect the nose.

COMPELLING BENEFITS

In contrast to topical antibiotics:

- Promotes high compliance
- Non-resistance forming
- Immediately effective
- Single application lasts days, not hours



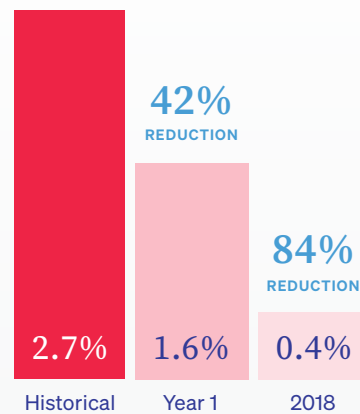
Vancouver General Hospital (VGH) *Clinical Studies*⁹⁻¹⁰

Since 2011, VGH has implemented Steriwave across surgical specialties with compelling results. With over 8,000 patients decolonized annually, the hospital has used Steriwave to help reduce their estimated overall SSI rate to less than 0.5%.

VGH sees its greatest magnitude of SSI reduction and cost savings in instrumented spine surgeries:

- 78% reduction in SSI rate: 7.2% to 1.6% ($P < 0.01$)
- 53 fewer SSI cases per year (average)
- CAD \$4.24M annual cost savings
- Use of Steriwave has not been associated with any additional adverse events

VGH OVERALL SURGICAL SITE INFECTION RATES



Before Steriwave | Year 1 (2011) | 2018



“In my opinion, there have been very few if any other initiatives that have had such a profound and lasting impact on the health of British Columbians in the past 10 years.”

DR. JOHN STREET, MD. ASSOCIATE PROFESSOR SPINE SURGERY
DEPARTMENT OF ORTHOPAEDICS AT UNIVERSITY OF BRITISH COLUMBIA

Product Information

STERIWAVE TREATMENT PROGRAM

Each order of 50 treatments includes:

- 200 Formulation Applicators (SW3100)
- 50 Nasal Light Illuminators (SW3200)

STRONG ROI

For the average hospital, preventing only 1-2 infections can offset the entire annual cost of a Steriwave program.¹¹



Steriwave Laser (SW4000)
Optional Laser Roll Stand (SW4300)

Easy 5-minute treatment, *outstanding efficacy*



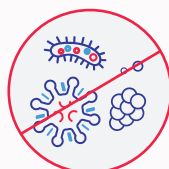
APPLY

Using pre-saturated swabs, the nostrils are gently coated with the Steriwave photosensitizer formulation that adheres specifically to the pathogens.



ILLUMINATE

Light at a specific wavelength is used to activate the Steriwave photosensitizer in the nose.



DESTROY

This reaction physically destroys the microbes without harming human cells. The pathogens are unable to adapt, eliminating the concern of antimicrobial resistance.

OUTSTANDING EFFICACY

Steriwave has been administered over 100,000 times with no serious adverse effects.

It's been shown to:

- Prevent life-threatening infections
- Decrease mortality rates
- Improve patient outcomes
- Shorten patient wait lists by freeing up beds
- Lower healthcare costs
- Reduce antibiotic use, lowering AMR development



SCAN OR [CLICK HERE](#) FOR SCIENTIFIC REFERENCES AND WHITEPAPERS

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To get started with Steriwave today, contact or visit us at:

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