

FIX THE HOLE
IN YOUR

INFECTION CONTROL
PROTOCOL

Biofilms &
resistant bacteria

Poor client
compliance



Key Facts:

1. BIOFILMS FORM QUICKLY


In as little as 20 minutes

2. BACTERIA MORE RESISTANT

Up to 1000X more resistant
when in biofilm

3. REMOVE 99.98% OF BACTERIA

Clinical trial result with
Simini Protect Lavage fluid



Post-op antibiotics alone
are ineffective
against biofilms and resistant bacteria

Join with Veterinary surgeons worldwide



DESTROY BIOFILMS

Leading anti-biofilm technology



REMOVE RESISTANT BACTERIA

MRSP and MRSA protection



TARGET TIME OF HIGHEST RISK

Applied in-surgery when patient at highest risk



LOCALLY ADMINISTERED

Only requires one minute exposure



NON-ANTIBIOTIC

Aligned with antimicrobial resistance initiatives



NO KNOWN RESISTANCE

Physical mechanism of action

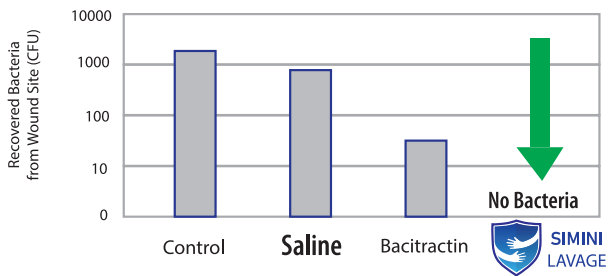


Adding Simini Lavage to antibiotics
protects your patients
against the two greatest infection risks:
biofilms and resistant bacteria

Simini Protect Lavage

KEY DATA SUMMARY

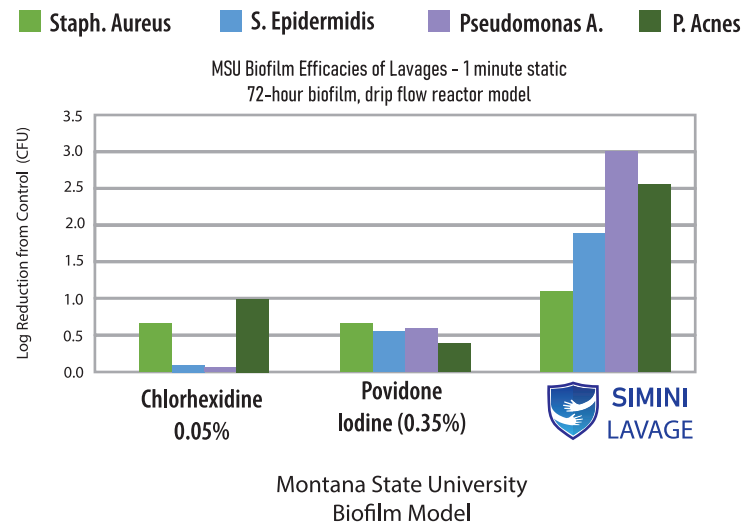
Improvement over Saline



Staph. Aureus
Bacteria removal from surgical wound
(50 CFU inoculum, 40-60 minute growth)

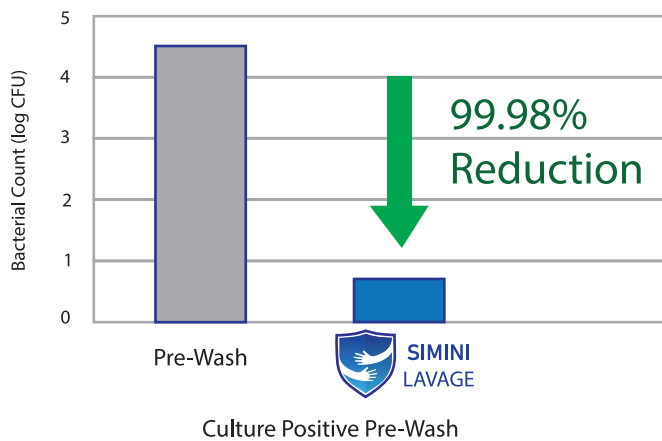
Texas Tech University
Surgical Murine Model with Biofilm

Comparison with Chlorhexidine & Povidone Iodine

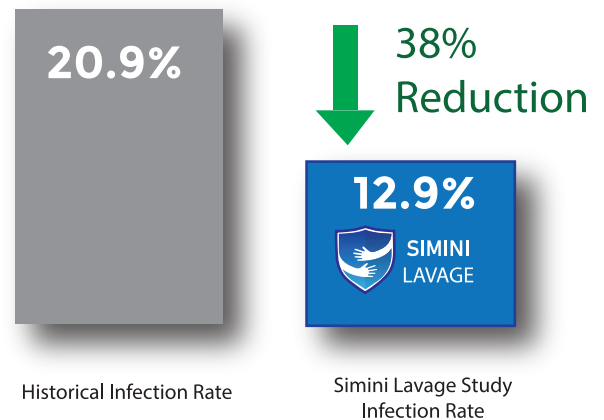


CLINICAL DATA

Reduced Bioburden



Reduced Infection



Human Clinical Study

40 prosthetic joint infection patients (Total knee replacement)
(Infection rate 90-day post revision surgery)

Hunter et al., "Clinical Effectiveness of a Biofilm Disrupting Surgical Lavage in Reducing Bacterial Contamination in Total Knee Arthroplasty Revision Surgery in Known Cases of Prosthetic Joint Infection", Zimmer Biomet white paper. (administered 1 litre volume via pulsed jet lavage)

* Wu et al., "Arthrodesis Should be Strongly Considered After Failed Two-Stage Reimplantation TKA" Clin Orthop Relat Res (2014) 472:3295-3304



Product Ingredients

- Ethanol
- Sodium Acetate
- Acetic Acid
- Water
- Benzalkonium Chloride (0.13%)

Safety Studies

ISO Intramuscular Implantation Test with Histopathology (14 day rabbit study) - Simini Protect Lavage

- Evaluated rabbit stifle joints and mesentery
- No abnormal clinical signs
- Lavage was considered a "Non-Irritant" as compared to predicate device

Dermal Testing - Uninfected wounds

(14 day porcine study) - Simini Protect Lavage

- Lavage resulted in normal wound healing and was comparable to a predicate device

Additional References

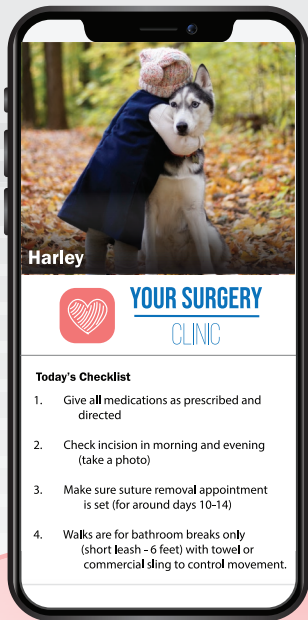
1. I. Forzisi, L. Vezzoni, M. Bozzerla, A. Vezzoni "Intraoperative Antiseptic Lavage with Simini for Prevention and for Treatment of SSI." European Society of Veterinary Orthopaedics and Traumatology Meeting, Sept 24, 2022
2. Premkumar A, Nishtala SN, Nguyen JT, Bostrom MPG, Carli AV: "Comparing the efficacy irrigation solutions on Staphylococcal biofilm formed on arthroplasty surface." The Journal of Arthroplasty (2021) 1-7
3. Kia C, Cusano A, Messina J, Muench LN, Chadayammuri V, McCarthy MB, Umejiego E, Mazzocca AD, "Effectiveness of topical adjuvants in reducing biofilm formation on orthopedic implants: an in vitro analysis", Journal of Shoulder and Elbow Surgery (2021)
4. O'Donnell J, Wu M, Cochrane N, Belay E, Myntti M, James G, Seyler T, "Efficacy of Common Antiseptic Solutions Against Clinically Relevant Planktonic Microorganisms," Orthopedics (2022)

IMPROVE YOUR CLIENT COMPLIANCE

- Move past the 3-page discharge email
- Make post-surgery care convenient for clients
- Your clients will love your clinic app

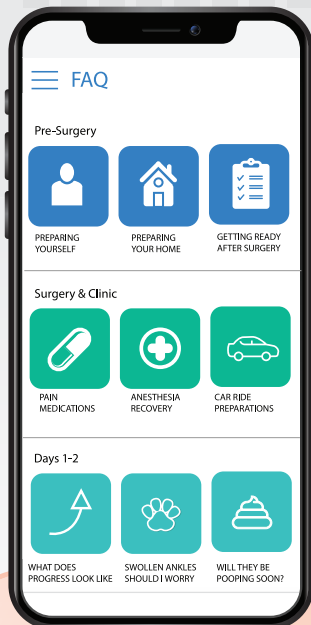
DAILY CHECKLISTS

Client provide
the right care
at the right time
in the right way



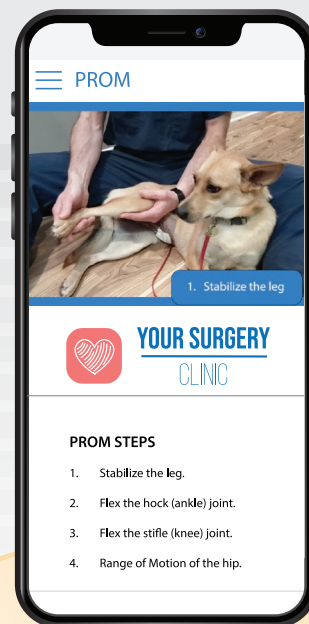
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veterinary
surgeons to ensure
best technique



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PROGRESS UPDATES

Clients send you
progress updates
via the app

HOW YOUR APP IS FREE

Surgeons who purchase
at least one 8-pack of
Simini Protect Lavage
per month receive their
practice app for free.

Begin supporting your
clients today.

How to Order



USA & Canada

1. Go to www.ordersimini.com
2. Click "Enter with password"
3. Enter password: "lavage"



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Lavage
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