

The role of irrigation in wound management.

Microorganisms are **everywhere**: the environment, skin, and other endogenous flora.<sup>1</sup> The decisions you make about wound irrigation matter.

By using wound irrigation, you can mechanically cleanse, irrigate, and debride wounds of foreign materials, cellular debris, bacterial contaminants or bioburden, and necrotic tissue.<sup>2-3</sup> But not all wound irrigation is created equally.



Wound Lavage contains
0.05% Chlorhexidine
Gluconate (CHG) in 99.95%
Sterile Water for Irrigation,
USP. CHG inhibits microbial
growth in the bottled
solution.

**Irrisept** is intended for mechanical cleansing and removal of debris, dirt, and foreign materials, including microorganisms from wounds.

As a preservative, CHG features broad spectrum activity against a variety of gram-positive and gram-negative bacteria, fungi, and some viruses, in the bottled solution.<sup>4</sup>

## Performance, Safety, and Ease of Use.



Irrisept offers an extensive safety profile including **in-vivo** and in-vitro testing and RCT data<sup>5-6</sup>







Trusted by more than **4,000 U.S. hospitals** for their irrigation needs<sup>7</sup>

## The Irrisept family of products feature:

Chlorhexidine Gluconate (CHG) at a low concentration (0.05%) that is non-cytotoxic

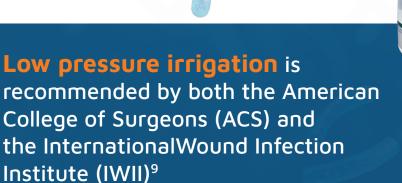
 As a preservative, CHG offers broad spectrum activity against a variety of microorganisms, in the bottled solution<sup>4</sup>

#### Ease of use

- Simple design that is ready to use in seconds no mixing or diluting required
- Sterile packaged and other configurations available
- Delivers low pressure irrigation through:

 Manual compression or spikeable/instillable connections with powered irrigation devices



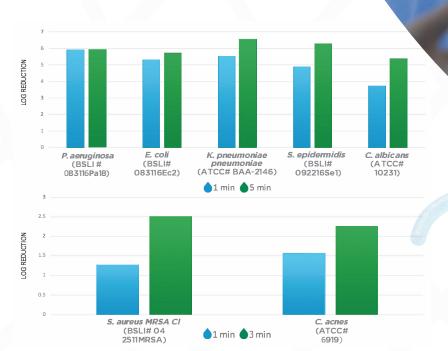


Irrisept — irrigation with evidence<sup>4-6, 10-17</sup>

Irrisept's evidence includes in-vivo and in-vitro testing as well as RCT safety data.<sup>4-6</sup> Reports for testing are available upon request.

Kinetic TimeKill Study<sup>4</sup> shows
Irrisept was effective
in reducing the
microbial load
against a variety
of gram-positive
and gram-negative
bacteria, fungi, and
viruses in the
bottled solution.

\*Refer to study for full list of organisms tested.



Study Description	Pass/ Complete	Results/Conclusion
Cytotoxicity		Irrisept solution is non-cytotoxic4
Skin Irritation		Irrisept solution did not elicit any kind of sensitization response <sup>4</sup>
Immune Allergic Response		Irrisept solution passed ISO Intracutaneous Reactivity Test <sup>4</sup>

Irrisept has been referenced by name and/or concentration in independent publications and is becoming a new standard of care in facilities across the U.S.<sup>7, 10-17</sup>

# Wound Care — Anywhere.

Irrisept can be used for all types of wounds and can be utilized across the continuum of care in a variety of healthcare settings.



### **Pre-Hospital & Field Care**

Use Irrisept as a frontline defense to cleanse and remove debris from wounds, in pre-hospital settings.



#### **Acute Wound Care**

For a variety of wounds. Trusted by over 4,000 U.S. hospitals for their irrigation needs.<sup>7</sup>



#### **Post Acute Wound Care**

Use Irrisept for wound care and cleansing in post-acute settings, such as outpatient clinics, skilled nursing facilities, and other settings where care by a physician is given.



#### **WARNINGS:**

- Do not use this product if the patient is allergic to chlorhexidine gluconate.
- Discontinue use immediately if irritation, sensitization, or allergic reaction occurs.

#### **CAUTIONS:**

- Do not use unless solution is clear and bottle twist seal is intact.
- When using this product, keep away from the eyes and ear canals. If the solution inadvertently contacts these areas, rinse out promptly and thoroughly with water and/or normal saline.
- · Not for injection.
- Single patient use only.
- Irrisept is intended for use in adults by healthcare professionals only.
- Irrisept solution meets biocompatibility guidelines for ≤24 hours contact with breached or compromised surfaces (ISO 10993-1).

4,000,000 USES GLOBALLY.7

# Why Irrisept?

Check and compare using the table below.

PRESSURE	IRRISEPT	Other Solution (Normal Saline, Antibiotics, PVP-I, Other)
Delivers low pressure irrigation per ACS and IWII's recommendations <sup>8-9</sup>		
Offers multiple delivery method options: manual compression or spikeable/instillable connections with powered irrigation devices		
PRESERVATIVE EFFECTIVENESS	IRRISEPT	Other Solution (Normal Saline, Antibiotics, PVP-I, Other)
CHG demonstrates effectiveness as a preservative against gram- negative and gram-positive bacteria, fungi, and some viruses in the bottled solution <sup>4</sup>		
Aligns with the goals of Antibiotic Stewardship Programs <sup>18</sup>		
SAFETY PROFILE	IRRISEPT	Other Solution (Normal Saline, Antibiotics, PVP-I, Other)
Features extensive safety studies, including in-vivo testing and RCT data <sup>5-6</sup>		
For all types of wounds		
EASE OF USE AND ACCESSIBILITY	IRRISEPT	Other Solution (Normal Saline, Antibiotics, PVP-I, Other)
Requires no mixing or diluting		
Multiple configurations to meet your clinical needs, including sterile packaged options		
Available through most medical device distributors		
EVIDENCE	IRRISEPT	Other Solution (Normal Saline, Antibiotics, PVP-I, Other)
Referenced by name and/or concentratino in independent publications <sup>10-17</sup>		
Healthcare economic data available upon request		
Trusted by over 4,000 U.S. hospitals <sup>7</sup> , <\$80/use		

Rx Only. Not made with natural rubber latex. Refer to product labeling for instructions for use and other product information.

## **REFERENCES**

- 1. Bowler, P. et al. (2001). Wound Microbiology and Associated Approaches to Wound Management. Clin Micro Review, 244-269 https://doi10.1128/CMR.14.2.244-269.2001
- 2. Lewis, K., & Pay, J. (2021, January). Wound Irrigation. NCBI Bookshelf. https://www.ncbi.nlm.nih.gov/books/NBK538522/
- 3. Falabella, A. (2006). Debridement and Wound Bed Preparation. Derm Ther, 19, 317-325
- 4. (2022). KTK Summary. Doc. 537161 V5 Evaluation of CHG as a preservative in the solution
- 5. Biocompatibility Matrix. Data on file at Irrimax Corp. Lawrenceville, GA
- 6. (2022). Protocol CLP-01: An Independent Review of Safety Data From a Closed Clinical Study Using Irrisept (Protocol #IRR-CT-901-2013-01)
- 7. Data on file at Irrimax Corp., Lawrenceville, GA
- 8. Ashley et al. (2014). Acute Wound Care. ACS Surgery: Princ Prac. (7th ed., pp. 215–216). Decker Intellectual Properties Inc.
- 9. International Wound Infection Institute (IWII). (2022 update). Wound Infection in Clinical Practice: Principles of Best Practice. International Consensus Update. pp. 26-27
- Spencer et al. (2017). Reduction in Colon Surgical Site Infections Using CHG Irrigant Solution [Conference Presentation].
   AORN 2017, Boston, MA
- 11. Truitt, K., & Kleinheinz, S. (2017). Target Zero: Eliminating Surgical Site Infection With 0.05% CHG Jet Lavage Irrigation [Conference Presentation]. AORN 2017, Boston, MA
- 12. Dotson, N., Rasheid, S., Marcet, J., & Sanchez, J. (2015). In Irrigation of Incisions With 0.05% CHG Reduces Surgical Site Infections in Colorectal Surgery [Conference Presentation]. ASCRS 2015, Boston, MA
- 13. Merceron et al. (2019). Comparison of Complications Following Implant-Based Breast Reconstruction Using Triple Antibiotic Solution Versus Low Concentration Chlorhexidine Gluconate Solution. Mod Plas Surg, 09(04), 74–85. https://doi.org/10.4236/mps.2019.94010
- 14. Mangold et al. (2019). Standardising Intraoperative Irrigation with 0.05% Chlorhexidine Gluconate in Caesarean Delivery to Reduce Surgical Site Infections: A Single Institution Experience. J Peri Practice, 30(1-2), 24–33. https://doi.org/10.1177/1750458919850727
- 15. Lung et al. (2022). Chlorhexidine Gluconate Lavage During Total Joint Arthroplasty May Improve Wound Healing Compared to Dilute Betadine. J Exp Ortho, 9(1). https://doi.org/10.1186/s40634-022-00503-w
- 16. Driesman et al. (2020). Perioperative Chlorhexidine Gluconate Wash During Joint Arthroplasty has Equivalent Periprosthetic Joint Infection Rates in Comparison to Betadine Wash. J Arthroplasty, 35(3), 845–848. https://doi.org/10.1016/j.arth.2019.10.009
- 17. Frisch et al. (2017). Intraoperative Chlorhexidine Irrigation to Prevent Infection in Total Hip and Knee Arthroplasty. Arth Today, 3(4), 294–297. https://doi.org/10.1016/j.artd.2017.03.005
- 18. CDC. (2021). Core Elements of Hospital Antibiotic Stewardship Programs. Centers for Disease Control and Prevention. https://www.cdc.gov/antibiotic-use/core-elements/hospital.html



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## ORDERING INFORMATION:

Irrisept products are available through most medical supply distributors. To order Irrisept, contact your preferred distributor, your Irrisept Sales Representative, or Irrisept Customer Service.

STERILE PACKAGED						
REF#	PRODUCT NAME	PRODUCT DESCRIPTION	CASE QTY			
ISEPT-450-USA	Irrisept Antimicrobial Wound Lavage	450mL bottle of Irrisept Antimicrobial Wound Lavage, with Irriprobe	12			
ISEPT-150-USA	Irrisept Antimicrobial Wound Lavage	150mL bottle of Irrisept Antimicrobial Wound Lavage, with Irriprobe	15			
ISEPT-AK-USA	Irrisept Accessory Kit	Cap, spike, and hanger For use with ISEPT-450-USA	24			

ADVANCED WOUND CARE					
REF#	PRODUCT NAME	PRODUCT DESCRIPTION	CASE QTY		
ISEPT-WS-USA	Irrisept Wound Solution Kit	Instillable configuration of 450mL bottle of Irrisept Antimicrobial Wound Lavage, with hanger	10		
ISEPT-150N-USA	Irrisept Antimicrobial Wound Lavage	150mL bottle of Irrisept Antimicrobial Wound Lavage, with optional Splatterguard®	15		
ISEPT-150RP-USA	Irrisept Antimicrobial Wound Lavage	150mL bottle of Irrisept Antimicrobial Wound Lavage, with optional Splatterguard® in tear and go pouch	12		



ADVANCED WOUND CARE



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