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## EVOLVING OUR DEDICATION TO ANIMALS

Innovacyn, the manufacturer of Vetericyn® Animal Wellness products, has a long heritage in the wound care space positively impacting the lives of people and animals around the world. For veterinary wound care in clinical settings, Innovacyn has created Vetericyn Plus® VF, a professional-strength solution poised to change the landscape of wound and skin management.

# A SYNERGISTIC WOUND CARE MANAGEMENT SYSTEM FOR VETERINARY PRACTICES

The Vetericyn Plus® VF family of products is poised to transform every aspect of clinical care settings. From surgeries, to non-healing wounds, and day-to-day skin ailments, Vetericyn Plus is available in both practice and dispensing sizes that provide a streamlined and synergistic approach to wound care that will elevate your expectations for healing.

## THE VETERICYN DIFFERENCE

Vetericyn Animal Wellness products are proudly made and manufactured in the USA under strict quality guidelines to ISO 9001, ISO 13485 and FDA QSR. Our facility is also compliant to Canadian CAN/CSA-ISO 13485 and CMDR SOR/98-282. Our state-of-the-art manufacturing facility is a United States FDA-registered site and can produce more than four million bottles per month.

Our company culture embraces quality standards and regulatory compliance from early stages of research and development to finished products distributed into the market.



#### THE NEED FOR A STANDARD OF CARE IN WOUND **MANAGEMENT**

Protocols for wound and skin management in clinical care settings are rarely streamlined and currently lack best-practice recommendations. Vetericyn® aims to provide a streamlined wound management system that improves outcomes and addresses the need for a standard of care while reducing time and cost for veterinary practices.

#### **OPTIMIZED OUTCOMES FOR VETERINARY PRACTICES**

Vetericyn Plus® VF is a next-generation wound and skin care management system used for cleansing, irrigating and debriding wounds, which sets the stage for optimal healing conditions.

Vetericyn Plus products assist in the mechanical removal of cellular debris, necrotic tissue, and foreign material from the skin and wound surface through debridement. Wounds that are clean, well maintained, and moist have demonstrated faster healing outcomes than wounds left on their own.1



From dermatology to post-operative care, the Vetericyn Plus family of products provides an economical tool for a range of veterinary wound and skin care needs. Powered by an advanced hypochlorous technology platform, Vetericyn Plus provides veterinarians with a portfolio of products made specifically to enhance and streamline wound and skin care protocols for all animals.









Animal Wellness Products

Human Health Products

#### THE NEW STANDARD OF CARE FOR VETERINARY PRACTICES

The Vetericyn Plus® VF family of products sets the stage for optimal healing conditions and provides streamlined wound care protocols for your practice. Vetericyn Plus® VF Wound & Skin Care products are available in liquid and hydrogel formulations—offering the best in safety and effectiveness.

EVIDENCE-BASED SOLUTIONS FOR WOUND CARE AND DERMATOLOGY
POWERED BY AN ADVANCED HYPOCHLOROUS TECHNOLOGY PLATFORM



## VETERICYN PLUS® VF PRODUCTS ARE AS SAFE AS THEY ARE EFFECTIVE

- Non-cytotoxic
- O No stinging or sensitization
- O No ocular irritation
- O No oral toxicity—safe if licked or ingested
- O Non-caustic
- Contains no antibiotics, steroids, or alcohol
- Safe for all stages of life
- No contraindications

Vetericyn Plus VF is appropriate for all phases of the wound healing process. It is a super-oxidized hypochlorous solution for cleansing, irrigating, debriding, and moisturizing wounds.



#### NON-TOXIC, NON-IRRITATING FORMULA

Vetericyn Plus is non-cytotoxic, non-irritating, non-sensitizing and has no oral toxicity. These safety attributes allow the liquid and hydrogel formulas to be used on all dermal tissues without harming fibroblast cells.

#### NO DRUG OR TREATMENT CONTRAINDICATIONS

There are no known drug/treatment interactions or contraindications with Vetericyn Plus.

#### LONG SHELF LIFE, STABLE SOLUTION

Vetericyn Plus is available in various easy-to-use dispensing containers for in-clinic and post-procedure care at home. Products have an average shelf life of 24 months due to the unique manufacturing process that optimizes HOCI and pH levels.



#### BACTERIAL BURDEN AND CYTOTOXICITY

Bacterial burden can seriously affect chronic wounds by prolonging the inflammatory stage as well as decreasing wound strength via collagenase production in bacteria, neutrophils, and macrophages.<sup>2</sup> *In vitro* testing of the preservative in Vetericyn Plus VF shows microbial inhibition activity for a broad range of microorganisms including staphylococcal species.

Organisms	Microbial Reduction (15 Seconds)		
K. pneumoniae	99.99999%		
E. faecalis	99.99999%		
S. aureus MRSA	99.99999%		
S. epidermadis	99.99999%		
A. baumannii	99.99999%		
S. aureus	99.99999%		
P. aeruginosa	99.99999%		
E. coli	99.99999%		
C. albicans	99.99999%		

#### OTHER WOUND CLEANSING AGENTS

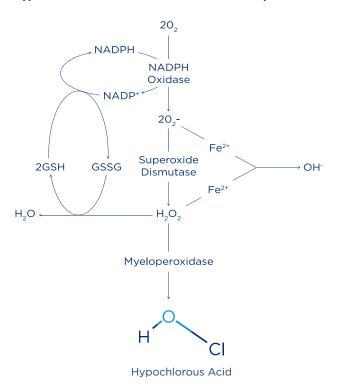
Some wound cleansing formulations have been shown, *in vitro*, to impair the functioning of the cells involved in normal wound healing.<sup>1</sup>

Wound Irrigant	Results
Saline (0.9%, NaCl, pH 5.0)	Pass
Hypochlorous Solution (0.015%)	Pass
Sodium Hypochlorite (Dakin's)(0.25%)	Fail
Sodium Hypochlorite (Dakin's)(0.5%)	Fail
Chlorhexidine gluconate (4%)	Fail
Hydrogen peroxide (3%)	Fail
Povidone Iodine (7.5%)	Fail

## ADVANCED HYPOCHLOROUS TECHNOLOGY THAT JUMPSTARTS THE HEALING PROCESS

Vetericyn Plus Veterinary Formula contains manufactured hypochlorous, a molecule also produced by the animal during phagocytosis. Hypochlorous is a known antimicrobial that serves as a preservative to inhibit the growth of microorganisms within the products.<sup>1</sup>

#### Hypochlorous and the Oxidative Burst Pathway



#### SALINE, STERILE, OR TAP WATER

While recent studies have found no evidence that saline, sterile, or tap water are detrimental to wound healing, there is no evidence of their ability to manage dirty wound debris and fluid during the debridement routine to minimize the recontamination of chronic wounds.<sup>1</sup>



THE USE OF SALINE, STERILE, OR TAP WATER IS INAPPROPRIATE FOR WOUND BED PREPARATION IN THE CONTEXT OF BIOBURDEN AND BIOFILM.

#### **WOUND & SKIN CARE LIQUID**

Vetericyn Plus® VF Wound & Skin Care liquid solution is an advanced alternative to old and dated cleansers. Used for cleansing, irrigating, and debriding wounds, Vetericyn Plus sets the stage for optimum healing conditions and is an excellent choice for irrigating wounds and moistening wound dressings.

Vetericyn Plus VF Wound & Skin Care can be used to moisten post-surgical sites and wound dressings, as well as irrigate and cleanse cuts, abrasions, lacerations, irritations, burns, and abscesses.





#### 16 oz All Animal Wound & Skin Care

Product #: 2000

UPC #: 852009002048

Size: 16 oz

**Bottle Dimensions:** 

8.25" x 2.75"

Bottle Weight (lbs): 1.15

Bottles per Case: 6

Case Weight (lbs): 7.45



#### 8 oz All Animal Wound & Skin Care

Product #: 2001

UPC #: 852009002031

Size: 8 oz

**Bottle Dimensions:** 

6.5" x 2.25"

Bottle Weight (lbs): 0.6

Bottles per Case: 6

Case Weight (lbs): 3.9



#### 4 oz All Animal Wound & Skin Care

Product #: 2003

UPC #: 852009002314

Size: 4 oz

**Bottle Dimensions:** 

5.5" x 1.75"

Bottle Weight (lbs): 0.3

Bottles per Case: 6

Case Weight (lbs): 2.05



#### 2 oz All Animal Wound & Skin Care

Product #: 2002

UPC #: 818582010665

Size: 2 oz

**Bottle Dimensions:** 

4.5" x 1.4"

Bottle Weight (lbs): 0.15

Bottles per Case: 12

Case Weight (lbs): 2.3

#### **DIRECTIONS FOR USE - LIQUID**

- 1. Remove excess hair from wound area
- 2. Clip if necessary
- 3. Adjust spray nozzle and saturate the affected area, flushing away any foreign debris
- 4. If dressing is required, saturate dressing with Vetericyn Plus VF at each dressing change
- 5. Repeat 3-4 times per day or at each dressing change, until wound is healed or per treatment protocol
- 6. No rinsing necessary

**Safe for use around eyes, ears, nose, and mouth.** Faster healing is achieved when wounds are cleaned and maintained in a moist environment.

#### **IN-CLINIC USES**

#### **Wound Care Applications**

- Acute and chronic wounds
- Partial and full-thickness wounds
- Abrasions and abscesses
- 1st and 2nd degree burns
- Post-surgical wounds
- Grafted mesh, pinch, punch, strip, and donor sites
- Stage I-IV skin ulcerations
- Minor lacerations and cuts
- Openmal cleansing and flushing
- Wound irrigation and debridement
- Moistening and lubricating wound dressings
- Reducing wound odors

#### **Dermatologic Applications**

- Skin rashes
- Allergy sites
- Fecal or urine contact skin irritations
- Feather picking related irritations
- O Hot spots

#### PRESCRIBE FOR USE AT HOME

- Cleaning sutures and drain tubes
- Moistening and lubricating wound beds
- Hydrating wound dressings before removal





#### ANTIMICROBIAL\* HYDROGEL

Vetericyn Plus® VF Antimicrobial Hydrogel is designed to adhere to the site of application, allowing the advanced hypochlorous formula to penetrate the wound bed to add and maintain moisture balance. This unique hydrogel does not cause dermal irritation and is safe for use in sensitive areas. Vetericyn Plus Antimicrobial Hydrogel is an excellent postsurgical wound care solution.

A moist wound and skin environment facilitates autolytic debridement and is beneficial to wound management and the wound healing process. Vetericyn Plus VF Antimicrobial Hydrogel hydrogel has an extensive safety profile, won't harm healthy tissue, and works in tandem with Vetericyn Plus Wound & Skin Care Liquid to deliver a powerful combination for wound care.





#### 16 oz Hydrogel Wound & Skin Care

Product #: 2040

UPC #: 852009002222

Size: 16 oz

Bottle Dimensions:

8.25" x 2.75"

Bottle Weight (lbs): 1.20

Bottles per Case: 6

Case Weight (lbs): 7.5



#### 8 oz Hydrogel Wound & Skin Care

Product #: 2041

UPC #: 852009002239

Size: 8 oz

**Bottle Dimensions:** 

6.5" x 2.25"

Bottle Weight (lbs): 0.6

Bottles per Case: 6

Case Weight (lbs): 3.9



#### 4 oz Hydrogel Wound & Skin Care

Product #: 2043

UPC #: 852009002277

Size: 4 oz

Bottle Dimensions:

5.5" x 1.75"

Bottle Weight (lbs): 0.3

Bottles per Case: 6

Case Weight (lbs): 2.05



#### 2 oz Hydrogel Wound & Skin Care

Product #: 2042

UPC #: 818582011358

Size: 2 oz

Bottle Dimensions:

4.5" x 1.4"

Bottle Weight (lbs): 0.15

Bottles per Case: 12

Case Weight (lbs): 2.4

<sup>\*</sup>Vetericyn Plus Antimicrobial Hydrogel contains hypochlorous acid, a known antimicrobial, which serves as a preservative to inhibit the growth of microorganisms in the hydrogel.

#### **DIRECTIONS FOR USE - HYDROGEL**

- 1. Shake well before use
- 2. Remove excess hair from wound area
- 3. Clip if necessary
- 4. Adjust spray nozzle and saturate the affected area
- If required, fill cavity with appropriate wound filler and then cover with gauze or other covering and secure into place
- 6. Reapply as required to ensure adequate moisture balance
- 7. Hydrogel is designed to stick to the site of application and evaporate slowly; no need to wipe away film or residue

Safe for use around eyes, ears, nose, and mouth. Faster healing is achieved when wounds are cleaned and maintained in a moist environment. For best results, first clean affected area with Vetericyn Plus VF Wound & Skin Care Liquid to ensure deep dermal cleansing and proper wound bed preparation

#### **IN-CLINIC USES**

#### **Wound Care Applications**

- Acute and chronic wounds
- Partial and full-thickness wounds
- Abrasions and abscesses
- 1st and 2nd degree burns
- OPOst-surgical wounds
- Grafted mesh, pinch, punch, strip, and donor sites
- Stage I-IV skin ulcerations
- Minor lacerations and cuts
- Moistening and lubricating wound dressings
- Reducing wound odors

#### **Dermatologic Applications**

- Skin rashes
- Allergy sites
- Fecal or urine contact skin irritations
- Feather-picking-related irritations
- Hot spots

#### PRESCRIBE FOR USE AT HOME

- Post-procedure incision sites
- Dermal irritation from friction sites and skin folds
- O Moistening and lubricating during dressing changes





#### OTIC CARE

Vetericyn Plus® VF Otic Rinse uses hypochlorous technology to properly clean and debride the outer ear and canal of dirt and debris buildup that commonly causes ear ailments. As with all Vetericyn Plus products, it is completely safe if licked or ingested.



#### 4 oz All Animal Otic Rinse

Product #: 2023

UPC #: 852009002758

Size: 4 oz

Bottle Dimensions: 5.5" x 1.75"

Bottle Weight (lbs): 0.3

Bottles per Case: 6\*

Case Weight (lbs): 2.05

#### **Indications**

- Otitis externa (OE)
- Inflammation from irritations
- Odor

## DIRECTIONS FOR USE

- Remove excess hair from affected area
- 2. Clip if necessary
- 3. Adjust dropper nozzle
- Saturate the affected area on or in the ear with Vetericyn Plus
- 5. If dressing is required, saturate dressing with Vetericyn Plus at each dressing change
- Repeat 3-4 times per day until wound is healed or per treatment protocol

Safe for use around mouth, nose, ears and eyes.

No rinsing necessary.

Faster healing is achieved when wounds are cleaned and maintained moist.

Use with ruptured tympanic membranes should be under veterinary supervision.

#### At-Home Uses

Daily ear cleaning, odor control, and promoting a healthy ear environment at home.

### \*Order by case quantity if dispensing to patients

#### **OPHTHALMIC CARE**

Vetericyn Plus® VF Ophthalmic Wash is specially formulated and tested for use in and around the eye. Ocular irritation studies prove Vetericyn Plus to be completely safe, helping alleviate irritation and remove foreign debris without stinging or discomfort to the animal. Vetericyn Plus Ophthalmic Wash is safe for use in conjunctivitis.



#### 2 oz All Animal Ophthalmic Wash

Product #: 2075

UPC #: 852009002734

Size: 2 oz

Bottle Dimensions:

4.5" x 1.4"

Bottle Weight (lbs): 0.15

Bottles per Case: 12\*

Case Weight (lbs): 2.3

#### **Indications**

- Conjunctivitis
- Ailments associated with allergies
- Eyelid trauma
- Inflammation from irritations

#### **DIRECTIONS FOR USE**

- Flush affected eyes gently with Vetericyn Plus 3-4 times per day until condition is no longer visible or per treatment protocol
- 2. No rinsing necessary

#### At-Home Uses

- Daily eye cleansing
- Post-procedure inflammation control
- Eye moisturizing
- Tear stains

#### DISPENSE THE NEW STANDARD OF CARE

Offer patients the most advanced solutions in wound management and post-procedure care.

For single-use application in clinic settings and dispensing to patients for post-procedure care, post-surgical sites, wound management, and dermal ailments.

#### Strive for optimized healing with Vetericyn Plus Wound & Skin Cleanser and Antimicrobial Hydrogel

- O Better Patient Compliance
- The Safest & Most Effective Technology
- Optimal Outcomes





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Liquid Dispensing Kit	<b>Hydrogel Dispensing Kit</b>
(Part #95208)	(Part #95248)

Size	2 oz.	2 oz.
Case Code#	10818582010662	10818582011355
Individual Bottle UPC#:	818582010665	818582011358
Bottle Weight:	0.15 lbs	0.15 lbs
Bottles Per Case:	12	12
Case Dimensions:	5.875" x 4.675" x 4.675"	5.875" x 4.675" x 4.675"
Case Weight:	2.3 lbs	2.4 lbs

#### PRESCRIBE TO PATIENTS FOR AT-HOME CARE OF:

- OPost-operation: spay, neuter, hernia surgery, amputation, abscesses
- Wound Management: acute and chronic lacerations, 1st & 2nd degree burns, moistening & lubricating wound beds
- Skin Management: rashes, hot spots, allergy sites, irritations, stage I-IV skin ulcerations, urine-fecalrelated irritations

#### CLINICAL DATA, CASE STUDIES, AND PROTOCOLS AVAILABLE AT VETERICYNVF.COM

VETERINARIAN NOTES			

#### Please contact customer service at 866-318-3116 for:

Ordering and distributor information Education on wound care protocols Clinical support from a certified wound care DVM



<sup>&</sup>lt;sup>1</sup> Wolcott R, Fletcher J. The role of wound cleansing in the management of wounds. Wounds International. 2014; 1(1): 25-31.

<sup>&</sup>lt;sup>2</sup> Bowler PG, Duerden DI, Armstrong DG. Wound microbiology and associated approaches to wound management. Clinical Microbiology Reviews. 2001; 14(2): 244-269.