

Evaluation of Three Dermatologic Wipes in Clinical Practice in the USA

Introduction

Topical therapy has received growing attention in the management of many dermatological conditions either as a single therapy or as an adjuvant. It can reduce the use and the duration of systemic treatments and increase their efficacy, helping to fight against antibiotic resistances.

There are many factors to consider when choosing the topical product for each condition. Among all of them, the owner compliance to veterinary recommendations is the cornerstone of any treatment.

Dermatological wipes provide an extra cleansing action that reduces the population of microorganisms and debris from the skin surface and increase the effectiveness of the solution they contain. They are a good option for applying a local topical treatment, in areas where shampoo therapy can be difficult and when shampoo therapy cannot be applied.

The aim of this study was to evaluate the efficacy and professional satisfaction of three commercial dermatological grade wipes in real practice environments.

Materials & Methods

The products tested were CUTANIA® Skin Control Wipes, CUTANIA® TrisEDTA Wipes, and ASTER™ TrisEDTA Wipes (Table 1).

The product test was conducted during September 2023, among VetCove customers. The participants received 1 unit free of charge of each product. The survey consisted of an overall rating on a scale of 1 (poor feedback) to 5 stars (excellent feedback) and a qualitative open-ended evaluation of the products. The qualitative analysis consisted of a categorization of the attributes highlighted in the answers received.

	CUTANIA® Skin Control Wipes	CUTANIA® TrisEDTA Wipes	ASTER™ TrisEDTA Wipes			
Formula	Boric acid	2 %	Chlorhexidine digluconate	0.10 %	TrizEDTA (Tromethamine base)	0.2 %
	Acetic acid	2 %	TrizEDTA (Tromethamine HCl)	0.64 %	Disodium EDTA	0.05 %
	Aloe barbadensis	0.1 %	Tromethamine	0.12 %	Chlorhexidine Gluconate	0.002 %
	Chamomilla recutita	0.1 %	Disodium EDTA	0.06 %	Tromethamine HC qs to pH	6.8-7.2
	Hamamelis virginiana	0.1 %	Benzyl Alcohol	0.72 %		
			Glycerine	3 %		
Size	8.5" x 6"	8.5" x 6"	2.25" Diameter			
pH	4.5-5.5	7-8	6.8-7.2			

Table 1: Product characteristics

Results

A total of 50 answers were received. The mean rating of the products was 4.56 (Fig. 1). 94% of the participants responded 5 stars (64%) or 4 stars (30%). Only 3 participants (6%) selected less than 4 stars: 2 ratings of 3 stars (4%), 1 rating of 2 stars (2%) and 0 ratings of 1 star (0%) were received.

The most highly rated attributes of the products (Fig. 2) were fragrance, efficacy and convenience or ease of use. Thirty-four responses were received rating the scent positively (54%) and 27 responses rating the efficacy (42%), while 21 ratings highlighted its ease of use or convenience (34%). The packaging and efficacy on sensitive animals were also highly rated. Some examples of relevant feedbacks from each category are: "Loved these products! Very impressed with quality and the shipping time was second to none.", "The Cutania TrisEDTA wipes are amazingly soft and saturated with the skin-cleansing ingredients needed for topical care. We haven't found anything to compare for softness, size and client acceptance. Let's move this into distribution!", "Works great , smells great , and easy to open", "This product is very convenient/easy to use and is great for patient's with sensitive skin". Please consult Table 2 for complete results.

Figure 1: Overall rating

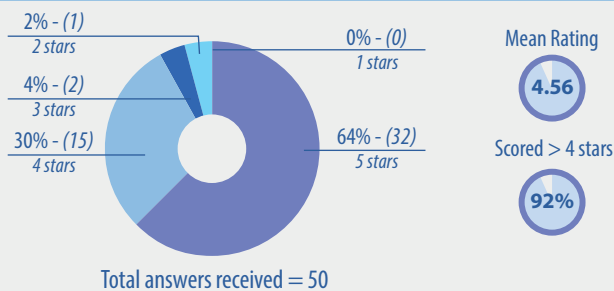
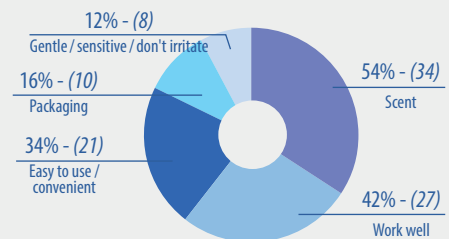


Figure 2: Most appreciated attributes



Discussion

The high average rating of the products (4.56 out of 5) indicates a high degree of user satisfaction. Fifty-four percent of the participants rated the efficacy of the wipes as one of the main attributes. Dermatological wipes, as part of topical therapy, can help to reduce the antibiotic and azoles prescription, helping to fight against antibiotic resistances and preserving their efficacy.

For dermatological wipes to be useful in veterinary practice, it is important that they have an effective non-irritant formula and a soft, durable fabric that allows a high degree of impregnation so that they can be useful on sensitive or injured skin. Their scent, the non-stinging formula and the quality of their fabric were the most rated attributes, confirming that the products tested are suitable for daily practice.

Conclusions & Clinical Relevance

CUTANIA® Skin Control Wipes, CUTANIA® TrisEDTA Wipes and ASTER™ TrisEDTA Wipes received excellent reviews both for their efficacy and their convenience and ease of use. Based on the results of this study, this antibacterial, antifungal dermatological-grade wipes are an excellent treatment option for small animal professionals.



CUTANIA® Skin Control Wipes, CUTANIA® TrisEDTA Wipes and ASTER™ TrisEDTA Wipes Product Test Evaluation of Three Dermatologic Wipes in Clinical Practice in the USA

Table 2: Quantitative rating and qualitative feedback received

Sample Number*	Answer Reception Date	# of Stars	Review Title	Review Text
1	8/27/23	5	Bueno	I really like the packaging compared to the little plastic bottles that my current product comes in.
2	8/17/23	5	Good product option	Wipes all seem comparable to other products used and cost effective. Eye wipes are a new option and we look forward to offering to pet parents
3	8/18/23	5	So excited to use these!	We don't currently carry Triz wipes, but are so excited to try these along with the tear stain wipes.
4	8/21/23	5	Wipes	Very fast shipping, packaging looks client friendly, and seems like it will be a good product to use.
5	8/22/23	4	Wipes sample	The wipes smell amazing! They seem to work just as well as the michonex wipes.
6	8/23/23	5	Loved!	Loved these products! Very impressed with quality and the shipping time was second to none.
7	8/23/23	5	Very effective !	I tried the wipes out on my French Bulldog who is prone to tear stains. I have been on a long quest to find an effective product to no avail. These wipes work! It will take a couple of rounds of course , but I have seen the most success with this product. I would be happy to recommend this product to our smooth face clientele. Additionally , they smell great & the sample pack they send you is quite generous !
8	8/25/23	5	Nice product	Pleasant smell, does not irritate pet and comes in a variety to use depending on pet
9	8/29/23	5	FREE Sample Pack of ASTER & CUTANIA Wipes	These are great! We love that this sample comes as 3 different full size products to try.
10	8/30/23	5	These are what you have been looking for!	The Cutania TrisEDTA wipes are amazingly soft and saturated with the skin-cleansing ingredients needed for topical care. We haven't found anything to compare for softness, size and client acceptance. Let's move this into distribution!
11	8/31/23	5	Easy to use	This product is easy to use, small enough to carry around. Has a light, clean scent.
12	9/5/23	5	Trying out different types	Our Doctor was not satisfied with the wipes we were using, so we are trying to find different options for her to try
13	9/7/23	5	Wonderful product	Nice scent, generous samples, easy to use cleansing towels. The only suggestion I have is that they came in a resealable pouch.
14	9/7/23	5	Smells great	Smells great and easy to take out of the packaging, doesn't sting and pets do well
15	9/8/23	4	Received as a sample.	Seems to work well, not under saturated. No irritation on the patients we used it on. Only downside is baby powder like fragrance.
16	9/10/23	5	Smell good.	We've been using this in the exam room. they are convenient and smell good. Don't seem to cause any discomfort on raw skin.
17	9/13/23	5	Love it	Works great , smells great , and easy to open. Works just like the other brands
18	9/14/23	5	We love this product	these wipes work really well for all of our cutaneous needs and dermatology patients with issues
19	9/14/23	4	Triz wipes for skin	I like these for skin folds and paws for dermatitis. Nice packaging and stay moist
20	9/14/23	4	Doing Well!	These wipes have been very useful. We have used them in clinic and the doctors have had good remarks. Unsure of long term effect/usage but current opinion is great! Not incredibly thin. Smell is not bad!
21	9/18/23	5	Convenient	All of the samples were extremely convenient to use and very helpful on the animals we used them on.
22	9/20/23	4	Wipes	Like these wipes a lot. Very convenient to use and not a strong smell to them.
23	9/22/23	5	Work Great!!!	We loved the wipes. The wipes are super convenient, the small pads were great because the container easily sealed back up. The larger wipes were nice for doing larger areas of the body. The only complaint is towards the end of the wipes the package didn't seal as well so we stored in a zip-lock bag to keep them moist.
24	9/22/23	4	Awesome for anal glands	Theses smell awesome and are great for anal glands and general wipes the eye wipes work great too. Saw these at a show.
25	9/27/23	5	Sample	Love the scented wipes! Looking for some alternatives to Mal-A-Ket wipes and active ingredients appear to be very similar.
26	9/27/23	4	Nice smell	They smell so much better than malacetic wipes. The only issue is that I wish that they had more per pack
27	9/28/23	5	FREE Sample Pack of ASTER & CUTANIA Wipes	FREE Sample Pack of ASTER & CUTANIA Wipes are packaged well and easy to use
28	10/2/23	4	Good smelling product	Aster wipes are very helpful in controlling tear staining and odor. Cutania wipes have a good smell to them. Not overly wet.
29	10/7/23	5	Wipes	These products are easy to use for our clients and gentle on their skin. They have a very pleasant scent as well.
30	10/9/23	5	They smell really good.	Sadly we were unable to use these products due to the sent. Our medical director does not allow scented products to be used within our facility and we don't prescribe scented products as well. If they were unscented we would have given them a try to see how they worked.
31	10/10/23	5	Spectacular Sample Pack	I absolutely LOVE how these samples are full size. So far they have worked wonderfully and my Dr. even likes them. We were using a spray after expressing anal glands that has since been discontinued and I believe with these we have now found a new product to be using. They have even taken away the smell better than the spray we were using. The tear stain wipes have worked amazingly for a few of our clients and they small dogs even cats with some weepy eyes.
32	10/12/23	5	Good product	These wipes are nice enough to compete with other well known, brand name products. They smell nice and have similar ingredients.
33	10/16/23	5	Best smell ever!	These wipes smelled really good for a pet product! The wipes are also larger than what I'm used to and softer.
34	10/20/23	4	Fantastic Wipe	This wipe was packaged well. The wipe itself is easy to use and provides a good smell in the exam room.
35	10/23/23	4	Review	Great packaging , very easy to use . this size would be great for parks or traveling with pets.
36	10/25/23	4	Smells nice	We don't use wipes often but we like the smell of these and they've stayed nice and moist.
37	10/26/23	4	Wonderful	This wipes smell very good and don't leave any harsh smell behind. Worked really well on my white bulldog's wrinkles.
38	10/27/23	5	Easy to use	Very easy to use and seems to work well so far! Does not seem irritating to the skin.
39	10/30/23	3	Meh	I have no issue with the products, seem to perform as expected. However, the wholesale price and suggested retail price list that was sent with the
40	10/30/23	5	Works great	These cleaning wipes work great for removing eye tearing/ staining and quick cleaning wipe downs.
41	11/2/23	5	Pleasant smell and works well	These have a very pleasant smell and very convenient. They work well and affordable. We would buy again.
42	11/7/23	5	Easy to use	I really appreciated the packaging for the wipes - just like baby wipes. Portable, resealable and pleasant smelling.
43	11/8/23	4	Nice quality	Nice quality and you get a good amount for what you pay. May keep on hand in the future.
44	11/13/23	5	Great product!	These wipes are soft, with a pleasant smell. Great for using in the exam room after anal glands!
45	11/13/23	3	Okay	Wipes were a bit dried out upon arrival. They do seem to help clean skin.
46	11/14/23	5	Nice	They have worked well. I ordered the med shampoo from them after trying the wipes. They smell good and so far have worked well for minor focal areas.
47	11/17/23	4	Aster and Cutania Wipes	This product is very convenient/easy to use and is great for patient's with sensitive skin
48	11/29/23	4	Works well	The wipes work well and had a pleasant smell. They got in the knooks and cranny areas without tearing.
49	12/24/23	5	Love The Wipes!	The wipes work wonders on my little Mexican Hairless dog. They keep her skin clean and she smells great! Highly recommend.
50	12/30/23	2	Not impressed	These did not seem to work as well as our normal wipes so will not be reordering

*Participant details are not shared for confidentiality reasons.



Antibiotic & Azole free - Help fight against microbial resistance

Super saturated with unique formula solution.

Large* size – Suitable for large animals or expansive affected areas.

Can be easily torn for smaller animals or several spot cleanings.

High quality fabric

- Honeycomb textured - Better mechanical action that helps to cleanse debris and disrupt biofilms.
- 100% compostable, biodegradable*.

Very pleasant scent - Improves regular use and owner compliance.

Convenient

- Flowpack suitable for traveling.
- 24 wipes than can be easily torn to 48 or 96 pieces.

3-Year Shelf-Life – Better inventory management.

**These statements apply to the CUTANIA® Wipes. ASTER™ TrisEDTA Wipes are small dermatological discs; scent free; natural and compostable fabric not available yet.*

CUTANIA® Skin Control Wipes

Dermatological-grade Antifungal & Antibacterial, Cleansing, Drying and Whitening Wipes

Super saturated with unique formula solution:

- Boric and acetic acids - Drying, astringent, degreasing and whitening actions and antibacterial and antifungal properties.
- *Aloe barbadensis* and *Chamomilla recutita* - Help to support skin regeneration.
- *Hamamelis virginiana* (which hazel) - Used as an astringent, vasoconstrictor.

Recommended uses:

- Cleanses areas before specific veterinary treatment (ideally 2 hours before) for pododermatitis, pyoderma and areas affected by *Malassezia* spp.
- Cleans and cares for skin folds, facial wrinkles, mouth creases, vulvar folds, ear flaps, interdigital areas, perianal areas and more.
- Dries overly moist skin areas.
- Cleans, whitens, and decreases oily tear stains.
- Cleans after emptying anal glands.

CUTANIA® TrisEDTA Wipes

Dermatological-grade Antibacterial and Cleansing Wipes

Super saturated with unique formula solution with synergistic effect:

- TrisEDTA + Chlorhexidine - Antimicrobial & Anti-biofilm.
- EDTA - Chelating action - Increases Gram- bacterial membrane permeability and antibiotic sensitivity.
- Tromethamine - Alkaline buffer that enhances antibiotic effects and the chelating action of EDTA.
- Chlorhexidine - Increases antiseptic action.
- Glycerine provides extra-moisturizing effect to damaged skin.

Recommended uses:

- Aids against skin harmful biofilms - Ideal for areas and dermatitis in which Gram- and Gram+ bacteria are involved.
- Cleanses superficial, deep, and chronic pyodermas
- Cleanses skin erosions, superficial wounds, and irritated skin.
- Supports veterinary treatment of choice for dermatitis in which Gram - and Gram + bacteria are involved, especially *Pseudomonas* spp, *Proteus* spp, *Staphylococcus* spp and *Streptococcus* spp.
- Cleanses inside and outside ear pinnae.

ASTER™ TrisEDTA Wipes

Dermatological-grade Antibacterial and Cleansing Pericocular Wipes

Non-stinging - Non-toxic - Safe – Does not cause injury if accidentally contacts cornea.

Neutral pH.

Scent Free.

Super saturated with a unique formula solution with synergistic effect:

- TrisEDTA + Chlorhexidine - Antimicrobial & Anti-biofilm.
- EDTA - Chelating action - Increases Gram- bacterial membrane permeability and antibiotic sensitivity.
- Tromethamine - Alkaline buffer that enhances antibiotic effects and the chelating action of EDTA.
- Chlorhexidine - Increases antiseptic action.

Recommended Uses:

- Cleanses pericocular area:
 - For managing pericocular disease.
 - Before and after surgical procedures.
 - Removes pericocular exudates, secretions and debris.
 - Suitable for palpebral injury or trauma.