

# Evaluation of DIALIX® Oxalate Crumbles and DIALIX® Oxalate Plus Chews in Clinical Practice in the USA

## Introduction

Calcium oxalate is one of the most common components of the uroliths in the urinary tract of dogs and in cats. Between 2006 and 2018, 47% of the urolith submissions from dogs to UC Davis were identified as calcium oxalate; in cats, calcium oxalate was identified in 37.7% of the samples. Unlike other uroliths, calcium oxalate cannot be dissolved medically. Management is focused on physical removal (flushing or surgery) and prevention.

The aim of this evaluation was to determine the efficacy and professional satisfaction of DIALIX® Oxalate Crumbles and DIALIX® Oxalate Plus Chews, new nutraceuticals in highly palatable crumbles and chews, with calcium chelating, urine alkalinization and mucosal protection properties.

## Materials & Methods

The products tested were DIALIX® Oxalate Crumbles and DIALIX® Oxalate Plus Chews (Table 1). The test was conducted from October to December 2023, in 42 veterinary practices across the USA. The participants received 1 unit free of both products. The survey consisted of an overall rating on a scale of 1 to 5 and a qualitative open-ended comment on the use of the product.

Table 1: Product characteristics

	DIALIX® Oxalate Crumbles		DIALIX® Oxalate Plus Chews	
Active Ingredients	Potassium Citrate	300 mg	Potassium Citrate	400 mg
	Total Fatty Acids	540 mg	Yielding potassium	152 mg
	Omega 3*	63 mg	Glucosamine HCl	125 mg
	<i>Vaccinium macrocarpon</i> extract	50 mg	Omega 3 fatty acids	106.3 mg
	*α linolenic acid (21.6 mg)		EPA	63.6 mg
	EPA (25.2 mg) DHA (16.9 mg)		DHA	42.7 mg
		<i>Taraxacum officinale</i> root powder	50 mg	
		Pyridoxine HCl (Vitamin B <sub>6</sub> )	1 mg	
Presentation	300 g		30 chews / 90 chews	

## Results

A total of 42 answers were received. The average score was 4.44 (Fig. 1). A total of 88% of the participants responded 4 and 5 stars. Only 12% of the participants answered 3 stars or under, showing a high degree of user satisfaction.

The most highly rated attributes of DIALIX® Oxalate Crumbles and DIALIX® Oxalate Plus Chews (Fig. 2) were the high palatability, the ease of administration, the efficacy, and the different presentations available, besides being a good alternative to diets. VetNova, the company that developed and markets DIALIX® also received positive feedback for its customer service.

Some examples of relevant feedbacks are:

"Very good product. My pet loves it and has shown improvement. Affordable and easy to get."

"So far it works well on one of our patients who has had chronic urinary issues."

"Very palatable for patients. Owners relayed how easy it was to administer to their pets."

"Love the different options for this product, super simple to use. Pets don't seem to mind it being added to food."

"We were worried that the pet would have a problem eating or not liking it but had no issues and the pet ate it right up!"

"We added this to the dog's diet and it seems to be very palatable. It is good to have a stand-alone product available to offer clients when a diet is not affordable."

Figure 1: Overall rating

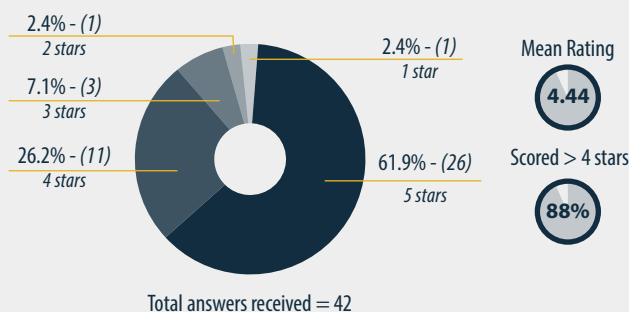
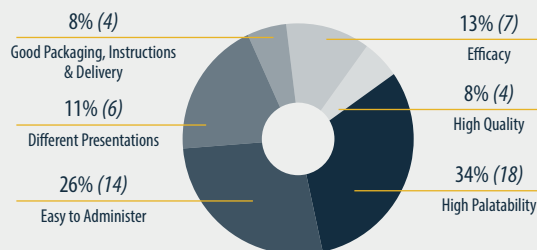


Figure 2: Most appreciated attributes



## Discussion

The study results demonstrated a high professional satisfaction with the products, with an average rating of 4.44 out of 5. DIALIX® Oxalate products, with their calcium chelating and urine alkalinization properties, provide an effective approach for an individualized management and prevention of calcium oxalate, providing a viable alternative to urinary diets.

The cornerstones for an effective urolithiasis long-term management, are palatability and easy administration of the products recommended, ensuring adherence to the treatment. The animal acceptance and efficacy in preventing the formation of new calcium oxalate crystals were the most highly rated attributes for DIALIX® Oxalate, confirming that the tested products are suitable for the daily management of calcium oxalate urolithiasis.

## Conclusions & Clinical Relevance

DIALIX® Oxalate Crumbles and DIALIX® Oxalate Plus Chews received very favorable reviews both for animal's acceptance and efficacy.

Based on the results of this study, these new supplements are an excellent treatment option to help manage calcium oxalate in dogs and cats, representing a good and viable alternative to special diets.



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Table 2: Quantitative rating and qualitative feedback received

Date	Number of Stars	Review Title	Review Text
11/02/2023	4	Arrived quick and great packaging	It arrived in a timely manner and the packaging was great. The product was well-protected and easy to open. The instructions were clear and simple to follow.
11/02/2023	5	Good product	Was a little suspicious about trying a new supplement. Seems to be a quality product.
11/04/2023	5	Great Product!	We love Dialix Oxalate Crumbles & Dialix Oxalate plus 30 Chews! They have great customer service and the pets love it.
11/07/2023	3	Not for Bigger Dogs	These seem very palatable and the ingredients are high quality looking but it doesn't seem very cost effective for a larger dog. The powder and the chews are one scoop/one chew per 10lbs so a bigger dog will need a huge quantity. The chew bag even says an animal should only take 4.5 a day, so it can't be given to 50lb+ dogs
11/07/2023	2	Cool concept but does it work	Not sure if this would cause other crystals from forming if they are on a urinary diet already?
11/07/2023	5	Great taste	This product was very palatable and easy for the dogs to take. Thank you for the sample.
11/07/2023	5	Quality products	We have used the bladder control plus chews with good results and good client compliance. Look forward to using this product as well.
11/08/2023	4	Review	Love the different options for this product, super simple to use. Pets dont seem to mind it being added to food.
11/08/2023	5	FREE DIALIX® Oxalate Crumbles & DIALIX® Oxalate Plus - 30 Chews	I didn't expect this to be full sized samples! Looking forward to trying this out and seeing the palatability of it.
11/13/2023	5	Pets like it	Had employees try for their pets - both feline and canine ate well. Unsure if long term urine success yet but feline patient showed signs of idiopathic cystitis improvement.
11/14/2023	5	Dialix it is!	We added this to the dog's diet and it seems to be very palatable. It is good to have a stand-alone product available to offer clients when a diet is not affordable.
11/16/2023	5	Pet likes it	We were worried that the pet would have a problem eating or not liking it but had no issues and the pet ate it right up!
11/17/2023	4	Good multi purpose supplement	Our clients enjoy being able to use one supplement and get several benefits. The added omega threes and beef flavor make it highly palatable.
11/17/2023	5	Seems great!	Haven't used it long enough to see improvement, but one of our cats should be way better off due to it.
11/18/2023	5	Dialix	The problems seemed to improved i and really liked that they gave us a free sample.
11/24/2023	5	Palatable	These were palatable for the pets not sure yet on long term efficacy as of now.
11/30/2023	5	Just ordered	Haven't tried it yet but seems promising and the packaging is nice and instructions are user friendly.
11/30/2023	5	Oxalate Crumbles	Very easy to dose, dogs seem to like the taste so far, no complaints from pet owners.
12/01/2023	4	Easy to USe	Easy to use and pets dont seem to mind it being added to food.
12/04/2023	4	Not sure of cost	Not entirely sure how the cost will stand up to prain. It seems like we will use more of this product and it will be more expensive.
12/12/2023	5	Dogs and Cats love this!	Very palatable product for use in both dogs and cats. The powder, which we also received is great to sprinkle on canned diets for cats. The soft chews, the dogs love.
12/12/2023	5	Nice	Easy to manage packaging. Easy to order and received in a very timely fashion. Happy so far.
12/14/2023	5	FREE DIALIX® Oxalate Crumbles & DIALIX® Oxalate Plus - 30 Chews	DIALIX® Oxalate Crumbles & DIALIX® Oxalate Plus Chews are easy to administer.
12/22/2023	5	Works good	So far it works well on one of our patients who has had chronic urinary issues.
12/29/2023	3	It was ok	It was ok. Our internal medicine doctor was a little skeptical of the ingredients but she was going to give it to a client in need.
01/09/2024	5	Owner preferred	Owners like not needing to change their pets diet and being able to easily administer this product.
01/10/2024	1	Dialix Review	I'm sorry to say that the Dog we got this for her to try will not eat the chewable or eat food that they put the crumbles on.
01/16/2024	5	Old lady dog much more comfortable	My son's old lady rottie has issues completely emptying her bladder(posturing can be a chore for her sometimes, even with pain management). About a week after starting this, she definitely seems more comfortable, urine looks and smells more normal, and she isn't squatting half a dozen times on every walk.
01/17/2024	3	Okay	Dogs ended up eating the chew after a couple of tries. Not always compliant though. This is an easier alternative to some powders.
01/24/2024	5	Dog likes the flavor.	Its too soon to see if it works but the dog really likes the flavor. Fingers crossed.
01/24/2024	4	Likes taste, large volume for bigger dog	My personal dog tolerated eating well, but it is a very large volume for any dogs over 25+ lbs....
01/25/2024	5	Great Product!	Very palatable for patients. Owners relayed how easy it was to administer to their pets.
01/26/2024	5	Dialix	Very good product. My pet loves it and has shown improvement. Affordable and easy to get.
01/31/2024	4	Hopeful this works! Haven't used yet	We got this as a free sample and were excited to use it with our feline patients. Unfortunately, most blocked cats in the ER aren't eager to help. We sent a few home with a client but they haven't replied to our follow-up request on if their cat liked the treats.
02/07/2024	5	Resolved calcium oxalate crystals	My nurses pet had 3+ calcium oxalate crystals and within in 3 weeks she had rare calcium crystals seen. We will continue it for a couple more weeks and recheck her urine. Will use again in other patients with calcium oxalate crystals.
02/08/2024	4	Interested	The Dr is very interested in this product and so far like the results with the patient started on it.
02/08/2024	4	Dialix	I have not yet tried this product for a patient. We have used other products from this company and had good results.
02/20/2024	5	Love this	We tried this sample on a client with recurring urinary issues. No complaints since starting the dog on this product.
02/27/2024	5	I am waiting to use these	We do have them in stock but haven't used them yet. The only concern we have is they don't have a good dose for larger dogs. Its way to much powder and same for chews.
03/20/2024	4	Interesting concept	Medically I like the idea but not palatable for the one pet we tried it on unfortunately (they are notoriously picky).
04/26/2024	5	No chance to use, but hoping for the best.	Seems palatable, good price point for the product, support for crystals and overall ut health.
05/31/2024	4	Perfect for small dogs	These chews seem to have a nice variety of quality ingredients. The pet loved the taste. Unfortunately, they don't seem to offer a large dog size and dosing in these chews isn't ideal.
07/12/2024	5	Good for picky eaters	Good for patients that will not eat a urinary diet. The crumbles make it easy to mix with food.

\*Participant details are not shared for confidentiality reasons.

**VetNova**

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# Dialix®

## Oxalate Crumbles & Oxalate Plus Chews

Advanced Management of Calcium Oxalate Crystals and Uroliths



Helps Reduce Formation of Calcium Oxalate, Urate, and Cystine Uroliths

### Unique and Complete Formula

#### Dialix® Oxalate Crumbles

- **Potassium Citrate** – Allows alkalization of urine to help reduce formation of calcium oxalate, urate and cystine uroliths.
- **Omega 3 and 6 fatty acids** – Beneficial for a healthy urinary function.

#### Dialix® Oxalate Plus Chews

- **Potassium Citrate** – Allows alkalization of urine to help reduce formation of calcium oxalate, urate and cystine uroliths.
- **Omega 3 and 6 fatty acids** – Beneficial for a healthy urinary function.
- **Glucosamine** - Offers structural support to the bladder inner lining.
- **Taraxacum officinale (Root powder)** - Acts as a diuretic, while preserving potassium.
- **Vitamin B<sub>6</sub>** - Alters oxalate metabolism.

### Directions for Use

- 1 scoop (5 g) / 10 lbs / 24 h



- 1 chew / 10 lbs / 24 h

*Do not exceed 4.5 chews per day.*



Highly palatable.  
Facilitates daily and long-term use.

## VetNova

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