



FINDING BALANCE

Overcoming the State of Overwhelm

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Have you ever found yourself with your fingers interlaced through your hair pressing and digging into your scalp, or perhaps even pulling your hair, in frustration? From the moment you wake up, it seems that everyone is demanding your attention. It's no wonder that before the day is even into full swing, you are completely overwhelmed and wishing you were somewhere else. Know that you are not alone. As veterinary professionals, we live full, busy lives. We are wanted and needed. That's a great thing! However, in order to be fully present and available for everyday demands, it's important to reset each day.

TAKE CARE OF NO. 1

While it may seem selfish, taking care of your own priorities should take precedence over other priorities that demand your attention. When you address your priorities, it helps minimize worry and the feeling of overwhelm that the day's stressors may bring.

Decrease Distractions

In order to accomplish this, start by decreasing distractions, such as technology. For example, set an intention to *not* pick up your phone upon awakening each day. When you begin checking emails, texts, and social media your agenda has no longer become your



Take Action

- Read tips on getting a better night's rest: laurabaltodano.com/bye-bye-sleeping-through-the-night
- Make it a priority to change your phone (and desktop/laptop) notifications to decrease distractions.

own. By allowing everyone else's demands, comments, and opinions into your conscious awareness from the get-go, the state of overwhelm and to-dos kick in. If you use your phone as an alarm, and it's too tempting not to look, consider putting your phone on airplane mode overnight. If that is not an option for you, change your notifications setting on your phone so that your apps don't have that glaring red number telling you how many emails or social medias messages you have waiting. Alternatively, you can change your display setting to show in black and white. A monochrome screen will make the red notifications button less obvious. On an iPhone, you can change this setting by going to **Settings → General → Accessibility → Display Accommodations → Color Filters** toggling the button to on and choosing Grayscale. Lastly, remove the alerts, sounds, and vibrations that come in when receiving a text, email, or social media message so you are not tempted to jump and look at it every time one comes in.

Get Rest

Are you getting enough sleep? Studies show that most people are sleep deprived. In order to get adequate sleep, an adult needs 7-9 hours of sleep a night. It can seem like a daunting proposition when there is so much to be done each day and only so much time to do it. Nevertheless, when your mind is able to fully reboot, you will experience improved mental clarity and focus, and an increased ability to remember things. In turn, your mood and overall wellbeing will improve, you will experience increase productivity, and feel less overwhelmed and stressed at the end of the day.

Say “No” Sometimes

Learning to say “no” can be quite a challenge when you are a people pleaser or have a number of interests. However, setting boundaries is an important part of self-care. This can be done tactfully by communicating in a skillful way with co-workers, romantic partners, children, friends, and family. Setting boundaries may result in feelings of guilty, selfishness, and elicit fear of rejection. The key is understanding why it is important to do so in a respectful way. Visit positivepsychologyprogram.com and look up “great self-care: setting health boundaries.” The tools on this site are an excellent resource for learning to set boundaries both personally and professionally, providing real-world examples.

Remember that *you* matter. You are worthy, valuable, and deserving. You are an overcomer. In decreasing your state of overwhelm, you will open up the space to live your life with intention and purpose rather than one of reaction. **TVP**

Laura Baltodano

Dr. Laura Baltodano graduated in 2013 from Washington State University. She is the owner of Lighthouse Pet Clinic in Lehigh Acres, Florida. In addition to veterinary medicine, Dr. Laura is passionate about equipping others with tools to enhance their wellbeing. She is a certified health and wellness coach, a certified 7 Minute Life Time Management Trainer, registered yoga teacher, mindfulness teacher and is licensed to teach The Four Elements of Success by Lori Beth Jones. She loves singing, kayaking, reading and archery and enjoys spending time with her husband, 4 children and 9 pets.



NexGard® (afoxolaner) Chewables

CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

Description:

NexGard® (afoxolaner) is available in four sizes of beef-flavored, soft chewables for oral administration to dogs and puppies according to their weight. Each chewable is formulated to provide a minimum afoxolaner dosage of 1.14 mg/lb (2.5 mg/kg). Afoxolaner has the chemical composition 1-Naphthalenecarboxamide, 4-[5-[3-chloro-5-(trifluoromethyl)-phenyl]-4,5-dihydro-5-(trifluoromethyl)-3-isoxazolyl]-N-[2-oxo-2-(2,2,2-trifluoroethyl)amino]ethyl.

Indications:

NexGard kills adult fleas and is indicated for the treatment and prevention of flea infestations (*Ctenocephalides felis*), and the treatment and control of Black-legged tick (*Ixodes scapularis*), American Dog tick (*Dermacentor variabilis*), Lone Star tick (*Amblyomma americanum*), and Brown dog tick (*Rhipicephalus sanguineus*) infestations in dogs and puppies 6 weeks of age and older, weighing 4 pounds of body weight or greater, for one month.

Dosage and Administration:

NexGard is given orally once a month, at the minimum dosage of 1.14 mg/lb (2.5 mg/kg).

Dosing Schedule:

Body Weight	Afoxolaner Per Chewable (mg)	Chewables Administered
4.0 to 10.0 lbs.	11.3	One
10.1 to 24.0 lbs.	28.3	One
24.1 to 60.0 lbs.	68	One
60.1 to 121.0 lbs.	136	One
Over 121.0 lbs.	Administer the appropriate combination of chewables	

NexGard can be administered with or without food. Care should be taken that the dog consumes the complete dose, and treated animals should be observed for a few minutes to ensure that part of the dose is not lost or refused. If it is suspected that any of the dose has been lost or if vomiting occurs within two hours of administration, redose with another full dose. If a dose is missed, administer NexGard and resume a monthly dosing schedule.

Flea Treatment and Prevention:

Treatment with NexGard may begin at any time of the year. In areas where fleas are common year-round, monthly treatment with NexGard should continue the entire year without interruption.

To minimize the likelihood of flea reinfestation, it is important to treat all animals within a household with an approved flea control product.

Tick Treatment and Control:

Treatment with NexGard may begin at any time of the year (see Effectiveness).

Contraindications:

There are no known contraindications for the use of NexGard.

Warnings:

Not for use in humans. Keep this and all drugs out of the reach of children. In case of accidental ingestion, contact a physician immediately.

Precautions:

The safe use of NexGard in breeding, pregnant or lactating dogs has not been evaluated. Use with caution in dogs with a history of seizures (see Adverse Reactions).

Adverse Reactions:

In a well-controlled US field study, which included a total of 333 households and 615 treated dogs (415 administered afoxolaner; 200 administered active control), no serious adverse reactions were observed with NexGard.

Over the 90-day study period, all observations of potential adverse reactions were recorded. The most frequent reactions reported at an incidence of > 1% within any of the three months of observations are presented in the following table. The most frequently reported adverse reaction was vomiting. The occurrence of vomiting was generally self-limiting and of short duration and tended to decrease with subsequent doses in both groups. Five treated dogs experienced anorexia during the study, and two of those dogs experienced anorexia with the first dose but not subsequent doses.

Table 1: Dogs With Adverse Reactions.

	Treatment Group			
	Afoxolaner		Oral active control	
	N ¹	% (n=415)	N ²	% (n=200)
Vomiting (with and without blood)	17	4.1	25	12.5
Dry/Flaky Skin	13	3.1	2	1.0
Diarrhea (with and without blood)	13	3.1	7	3.5
Lethargy	7	1.7	4	2.0
Anorexia	5	1.2	9	4.5

¹Number of dogs in the afoxolaner treatment group with the identified abnormality.

²Number of dogs in the control group with the identified abnormality.

In the US field study, one dog with a history of seizures experienced a seizure on the same day after receiving the first dose and on the same day after receiving the second dose of NexGard. This dog experienced a third seizure one week after receiving the third dose. The dog remained enrolled and completed the study. Another dog with a history of seizures had a seizure 19 days after the third dose of NexGard. The dog remained enrolled and completed the study. A third dog with a history of seizures received NexGard and experienced no seizures throughout the study.

To report suspected adverse events, for technical assistance or to obtain a copy of the MSDS, contact Merial at 1-888-637-4251 or www.merial.com/NexGard. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or online at <http://www.fda.gov/AnimalVeterinary/SafetyHealth>.

Mode of Action:

Afoxolaner is a member of the isoxazoline family, shown to bind at a binding site to inhibit insect and acarine ligand-gated chloride channels, in particular those gated by the neurotransmitter gamma-aminobutyric acid (GABA), thereby blocking pre- and post-synaptic transfer of chloride ions across cell membranes. Prolonged afoxolaner-induced hyperexcitation results in uncontrolled activity of the central nervous system and death of insects and acarines. The selective toxicity of afoxolaner between insects and acarines and mammals may be inferred by the differential sensitivity of the insects and acarines' GABA receptors versus mammalian GABA receptors.

Effectiveness:

In a well-controlled laboratory study, NexGard began to kill fleas four hours after initial administration and demonstrated >99% effectiveness at eight hours. In a separate well-controlled laboratory study, NexGard demonstrated 100% effectiveness against adult fleas 24 hours post-infestation for 35 days, and was > 93% effective at 12 hours post-infestation through Day 21, and on Day 35. On Day 28, NexGard was 81.1% effective 12 hours post-infestation. Dogs in both the treated and control groups that were infested with fleas on Day -1 generated flea eggs at 12- and 24-hours post-treatment (0-11 eggs and 1-17 eggs in the NexGard treated dogs, and 4-90 eggs and 0-118 eggs in the control dogs, at 12- and 24-hours, respectively). At subsequent evaluations post-infestation, fleas from dogs in the treated group were essentially unable to produce any eggs (0-1 eggs) while fleas from dogs in the control group continued to produce eggs (1-141 eggs).

In a 90-day US field study conducted in households with existing flea infestations of varying severity, the effectiveness of NexGard against fleas on the Day 30, 60 and 90 visits compared with baseline was 98.0%, 99.7%, and 99.9%, respectively. Collectively, the data from the three studies (two laboratory and one field) demonstrate that NexGard kills fleas before they can lay eggs, thus preventing subsequent flea infestations after the start of treatment of existing flea infestations.

In well-controlled laboratory studies, NexGard demonstrated >87% effectiveness against *Dermacentor variabilis*, >94% effectiveness against *Ixodes scapularis*, and >93% effectiveness against *Rhipicephalus sanguineus*, 48 hours post-infestation for 30 days. At 72 hours post-infestation, NexGard demonstrated >97% effectiveness against *Amblyomma americanum* for 30 days.

Animal Safety:

In a margin of safety study, NexGard was administered orally to 8 to 9-week-old Beagle puppies at 1, 3, and 5 times the maximum exposure dose (6.3 mg/kg) for three treatments every 28 days, followed by three treatments every 14 days, for a total of six treatments. Dogs in the control group were sham-dosed. There were no clinically-relevant effects related to treatment on physical examination, body weight, food consumption, clinical pathology (hematology, clinical chemistry, or coagulation tests), gross pathology, histopathology or organ weights. Vomiting occurred throughout the study, with a similar incidence in the treated and control groups, including one dog in the 5x group that vomited four hours after treatment.

In a well-controlled field study, NexGard was used concomitantly with other medications, such as vaccines, anthelmintics, antibiotics (including topicals), steroids, NSAIDs, anesthetics, and antihistamines. No adverse reactions were observed from the concomitant use of NexGard with other medications.

Storage Information:

Store at or below 30°C (86°F) with excursions permitted up to 40°C (104°F).

How Supplied:

NexGard is available in four sizes of beef-flavored soft chewables: 11.3, 28.3, 68 or 136 mg afoxolaner. Each chewable size is available in color-coded packages of 1, 3 or 6 beef-flavored chewables.

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