

The New York City Veterinarian



President's Message

As I sit down to write my second President's message, on June 1st, 2015, the outside temperature is 51 degrees. After enduring one of the coldest and record breaking snowfalls in NYC's winter's history, I am greatly awaiting our summer season.



As I reflect back on the first half of this year, I had noteworthy opportunities while serving as your President. Some without doubt were out of the ordinary, such as standing on the stage of the legendary Carolines on Broadway Comedy Club. While other events, were not of a joking matter. Two pivotal issues were presented by the New York City Council that could negatively affect NYC veterinarians. As your President, I was compelled to exercise my role as such by testifying against the proposed mandating of spaying and neutering of puppies and kittens before they were sold by pet stores and the mandating of all existing animal hospitals to have sprinkler systems. Furthermore, as a practicing NYC veterinarian and along with the New York State Veterinary Medical Society, we believed we had an obligation to advocate and support all veterinarians' interests.

In order for our association to continue to thrive, several developments are underway for the remainder of this year. One of our goals continues to be to work with our parent organization (NYSVMS). In order to preserve our mission and safeguard our interests, a NYC lobbyist will be hired. A continued grassroots network will be needed to promote our interests with the New York City Council and New York State government. In keeping with conserving the future of our profession, a mentoring program will be developed for high school and college students who will be paired with and mentored by local veterinarians. Lastly, a resource network will be established for those individuals suffering from mental health issues and/or substance abuse.

I look forward to continuing to serve you for the remainder of my presidency.

Allan Bregman

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2015 EXECUTIVE BOARD

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NY SAVE Has a New Administrator



NY SAVE is pleased to announce that they have a new administrator - Craig Rizzo.

Mr. Rizzo spent many years in retail pet management, was a supervisor at Staten Island Animal Care and Control and is presently the Manager of CompleteCare Veterinary Center in Staten Island. He received his Bachelor of Science degree from St. John's University in Business Management.

NY SAVE, Inc., was founded as a publicly supported philanthropic organization to serve the pets of New York City residents living in Manhattan, Brooklyn, Queens, Staten Island and the Bronx.

Please make note of the new contact information below:

Post Office Box 140486
Staten Island, NY 10314
Telephone: 917-669-7281
Fax: 718-720-1110
Email: NYCSAVE@aol.com

Calendar of Events

Program Committee - Deirdre Chiaramonte, DVM, Sally Haddock, DVM

The schedule of the VMA of NYC Continuing Education meetings for the 2015 calendar year is listed below, including the speakers and topics. All meetings will be held at Cicitelli Associates, 505 Eighth Avenue, 20th Floor, NYC. The meetings will start at 7:15 pm. Please bring a photo ID with you to allow entry to the facility. Members must register prior to each meeting.

July, 2015 **NO MEETING**

August, 2015 **NO MEETING**

September 2, 2015

Speaker: Jolle Kirpensteijn, DVM, Ph.D., Dip. ACVS & ECTS
 Hills Pet Nutrition, Inc.
Topic: Surgical Topics

October 7, 2015

Speaker: Laurie Bergman, DVM
 Keystone Veterinary Behavior Services
Topic: Litter Box & Separation Anxiety

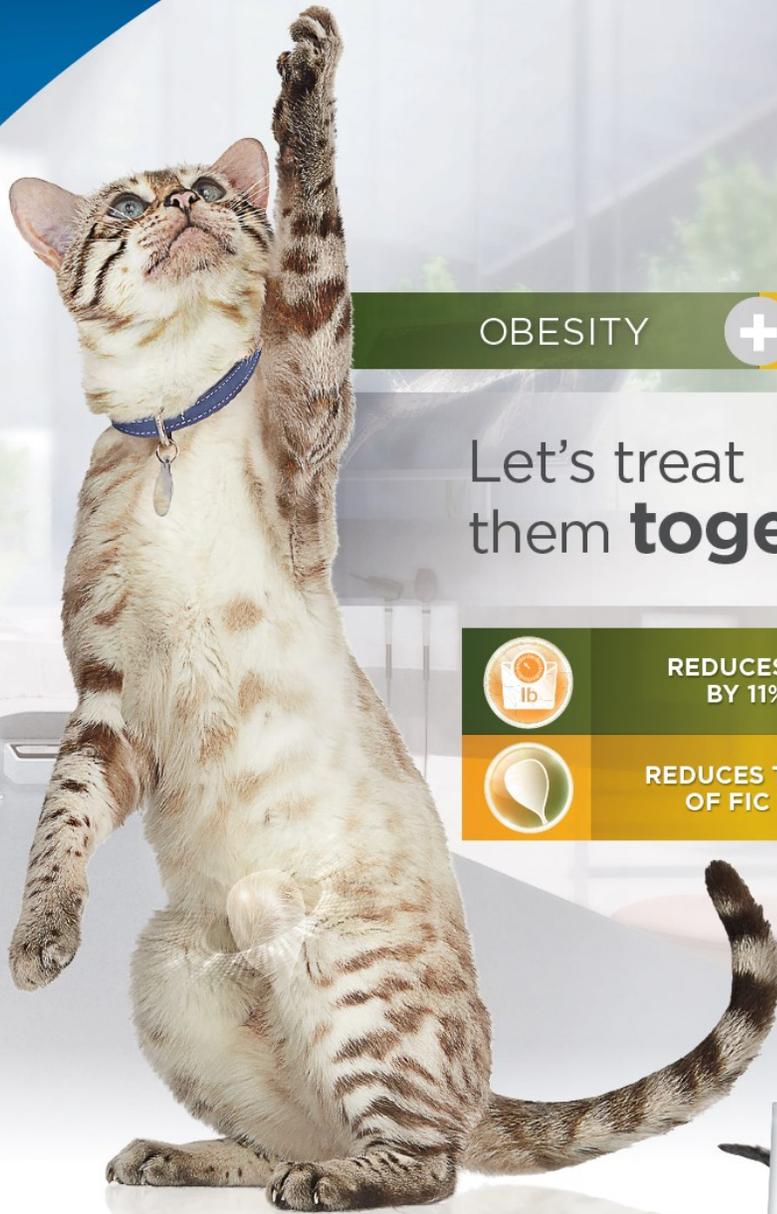
November 4, 2015

Speaker: Michael Lappin, DVM, PhD, DACVIM
 Colorado State University
Topic: Feline Infectious Disease

December 2, 2015

Speaker: Bernie Hansen, DVM, DCAVCC, DACVIM
 North Carolina State University College of Veterinary Medicine
Topic: Shock & Respiratory Emergency

If you have a suggestion for a continuing education speaker or timely topic, please email the VMA of NYC at info@vmanyc.org.



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For more information, talk to your Hill's Representative.

¹Data on file, Hill's Pet Nutrition, Inc.
²Kruger JM, Lulich JP, Merris J, et al. *Proceedings*. American College of Veterinary Internal Medicine Forum 2013.
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HillsVet.com

Animal Medical Center

510 E 62nd St, New York, NY 10065

Register online at

www.amcny.org/pipseminars

Partners in Practice (PIP) Comprehensive Clinical Conferences

Provide several hours of comprehensive review and updates of important and contemporary topics in veterinary medicine. Upon completion, participants should gain enhanced knowledge of the selected topic.

Partners in Practice (PIP) Practical Clinical Workshops

Designed to promote sound diagnosis and effective therapies.

BluePearl Veterinary Partners

Continuing Education lectures are free and open to all area veterinarians. Registration is required and is done by sending an email to Dr. David Wohlstadter at david.wohlstadter@bluepearlvet.com.

Dinner begins at 7:00 pm and the lectures begin at 7:30 pm. BluePearl is approved as a New York State sponsor of CE. Unless otherwise noted, lecturers are given in Queens then Manhattan and then Brooklyn at the addresses listed below.

Manhattan

410 West 55th Street
(between 9th and 10th Avenues)
New York, NY 10019

Queens

107-28 71st Road
(between Austin St. & Queens Blvd)
Forest Hills, NY 11375

Brooklyn

32 4th Avenue (at Pacific Street)
Brooklyn, NY 11217

Liaison Committee

The Liaison Committee interacts with our local specialty hospitals, educational institutions and not-for-profit organizations and lists in this column any information which is relevant for our membership. Specifically, we highlight continuing education which is complementary to our membership. Please contact us if your hospital has information that you would like to share with our membership.



Partners in Practice (PIP) Comprehensive Clinical Conferences Sundays from 8:00 pm - 4:00 pm, unless otherwise noted.

- **Sunday, November 22:** Surgery

Partners in Practice (PIP) Practical Clinical Workshops Tuesdays from 7:00 pm - 8:30 pm.

- **June 2:** Periodontal Disease, Presented by Dr. Django Martel
- **September 8:** GI Medicine, Presented by Dr. Douglas Palma
- **September 22:** Cardiac Case Management, Presented by Dr. Dennis Trafny
- **October 6:** Neurology Case Management, Presented by Dr. Chad West
- **October 20:** Radiology Reading - What's Your Diagnosis, Presented by Dr. Anthony Fischetti
- **November 17:** Dermatology, Presented by Dr. Mark Macina
- **December 1:** Exotics Medicine and Surgery, Presented by Dr. Katherine Quesenberry



June 16, 17, 18
Topic: Emergency Medicine
Speaker: TBD

September 15, 16, 17
Topic: Cardiology
Speaker: TBD

July 14, 15, 16
Topic: Dermatology
Speaker: TBD

October 20, 21, 22
Topic: Neurology
Speaker: TBD

August 18, 19, 20
Topic: Ophthalmology
Speaker: TBD

October 18, 19, 20
Topic: Oncology
Speaker: TBD

VETERINARIANS AVAILABLE

Full or Part-Time. Veterinarian seeks work at small animal practice in New York City. NY licensed. Contact Eduarda Krieger, DVM at 917-239-3377.

Part-Time or Relief. Veterinarian available in New York City. Please contact drmartinvet@gmail.com.

Permanent Per Diem. Experienced LI veterinarian with strong medical, surgical and people skills seeks position in Queens 2-4 days per month. Contact Dr. K at 516-374-5050.

Per Diem or Part-Time. Available most Mondays, Tuesdays, Thursdays and Fridays. Excellent people skills. Good practice builder. 35 years experience. References available. Contact Dr. Tobias Jungreis at 516-295-1125.

Per Diem. Tufts graduate seeking small animal clinics in need of veterinarian for per diem shifts. I believe in comprehensive physical exams, excellent client communication and thorough medical record documentation. If interested, please call 201-213-3555 or email nelson-dvmrelief@gmail.com.

Relief or Per Diem. General practice. Orthopedic and Soft Tissue Surgery. DVM, Cornell. Internship Oradell. Residency in Small Animal Surgery, Cornell. Phone Dr. Kathy Sevalia at 1-718-267-6489 or 1-718-578-9085.

Relief Veterinarian. Experienced with excellent medical, surgical and client skills. Contact Dr. Christine Asaro at 631-806-9343 or 718-238-2513 or e-mail: chrisasaaro@hotmail.com.

Relief Veterinarian. NYC Relief vet in Manhattan and Brooklyn. Lorelei Wakefield, VMD, internship-trained with 9 years of experience. Soft tissue surgery, dermatology expertise. NY/DEA licensed, 917-930-8936. lorelei@wakefieldvet.com.

Relief or Per Diem Veterinarian. Available weekdays preferably in NYC. Over 30 years experience, excellent people skills, completed residency in surgery at the AMC in the 80's and good medical skills. Contact Kenneth Fein, DVM at 203-540-7771.

VETERINARIANS NEEDED

Animal Care and Control of NYC is seeking full-time, per-diem and on-call veterinarians to work in our Care Centers in Manhattan, Brooklyn and Staten Island. Join a team of dedicated and caring professionals who provide veterinary care for homeless and abandoned animals. You will work with a wide variety of species, medical conditions, emergency and public health issues. Volunteer opportunities are also available. Competitive salary, full benefits. See www.nyacc.org for a full description. Send cover letter and CV to hr@nycacc.org or 212-442-2066.

Animal Medicine & Surgery Clinic. Full-time small animal veterinary position needed for 37 year established 3 DVM animal hospital in Brooklyn, New York. Experience preferred and new graduates are welcomed. Strong communication, diagnostic, medical, & surgical skills preferred. Equine work available for interested candidates. Please send resumes to schai4806@aol.com and call (917) 543-7379.

Banfield Pet Hospital is currently hiring full and part time Associate Veterinarians and Chiefs Of Staff for our hospitals on Long Island! We have a thriving practice with growth possibility, both in income and leadership potential. Join a team committed to practicing the highest quality preventative medicine with state of the art equipment and diagnostics, and committed, well trained paraprofessional staff to support your growth and success. We see a diverse caseload and focus on preventative care, teamwork and long lasting relationships with the pets and clients we serve. For new doctors to the practice, both experienced and new graduates, we offer up to 12 weeks of development and mentorship. Banfield offers incredible benefits, including medical, dental vision, prescription drug, life insurance, a matching 401(k) plan, CE allowance, generous paid days off and many more benefits. To hear more, or simply to see what we have available, call Nick Ball at (503) 922-5379 or e-mail nick.ball@banfield.net.

VETERINARIANS NEEDED

Banfield Pet Hospital is currently hiring a full time Associate Veterinarian for our hospitals in Middletown and Nanuet, NY! We have a thriving practice with growth possibility, both in income and leadership potential. Join a team committed to practicing the highest quality preventative medicine with state of the art equipment and diagnostics, and committed, well trained paraprofessional staff to support your growth and success. We see a diverse caseload and focus on preventative care, teamwork and long lasting relationships with the pets and clients we serve. For new doctors to the practice, both experienced and new graduates, we offer up to 12 weeks of development and mentorship. Banfield offers incredible benefits, including medical, dental vision, prescription drug, life insurance, a matching 401(k) plan, CE allowance, generous paid days off and many more benefits. To hear more, or simply to see what we have available, call Nick Ball at (503) 922-5379 or e-mail nick.ball@banfield.net.

Banfield Pet Hospital is currently hiring Relief/Locum Veterinarians for our hospitals in Manhattan, Brooklyn, and Long Island, NY! We have a thriving practice with growth possibility, both in income and leadership potential. Join a team committed to practicing the highest quality preventative medicine with state of the art equipment and diagnostics, and committed, well trained paraprofessional staff to support your growth and success. We see a diverse caseload and focus on preventative care, teamwork and long lasting relationships with the pets and clients we serve. To hear more, or simply to see what we have available, call Nick Ball at (503) 922-5379 or e-mail nick.ball@banfield.net.

CompleteCare Veterinary Center. Part time or full time veterinarian wanted for Staten Island clinic. Contact Craig Rizzo by phone at 718-720-4211 or email at craig@completecarevet.com.

Greater New York Area. Full-time caring, compassionate and competent veterinarian wanted for four-doctor progressive well-established practice in the Greater New York Area. State of the art modern equipment: full lab, digital radiology, and ultrasound. Superior, qualified, well trained and friendly colleagues form our team. Flex time scheduling available. Two or more years experience preferred, but recent graduates will be considered. Email us at: vetonclove@verizon.net.

Greenwich Village Animal Hospital. A full-time position and a per diem position are available at Greenwich Village Animal Hospital for a New York licensed practitioner. The work week is five days, 40-45 hours/week. Experience is preferred but new graduates and interns will be considered. The candidate is expected to be able to perform the more routine surgeries, ie. spays, neuters, growth removals, etc. as well as oversee a great number of dental procedures. The pace is highly variable, with an approximately 75% canine to 25% feline breakdown. The owner of the hospital has special interest in laser-assisted surgery. Please have any potential candidates contact Dr. Tracy Sane at 212-691-1100 or 347-413-1482 or send resumes to fax 212-691-6991 or gvah504@gmail.com.

Kings Bay Veterinary Hospital. Join our modern, well equipped Brooklyn practice. We've been here 4 years and are looking to expand. We will be interviewing for energetic, smart graduates and experienced clinicians for part time work schedules. Compensation will be production based and is negotiable. Practice and live as you dreamed. We supply the facility and staff. You bring your energy and expertise. We can fulfill our goals of balanced work and family life in the great borough of Brooklyn. Contact Dr. Edward Osterman at 718-339-0557 or (c) 917-916-4012.

Manhattan Animal Hospital located in Village. Full time, part time, relief doctor needed for animal hospital in Manhattan. Experience preferred, but new graduate/intern trained considered. Send resume to 212-674-8600, or email to onedogtwo@aol.com.

Middletown Animal Clinic. Full-Time Associate Veterinarian. Experienced Veterinarian needed for Small animal practice located in the northeast bronx. Great middle class neighborhood close to westchester county and the long island sound. Very well equipped and modern facility with great support staff and established clientele. No after hours emergencies. Medical/dental/vision and 401-k benefits. competitive salary. Two years experience preferred, but will consider all applicants. please contact Dr. Earle at 718 824-8300. or send CV to info@middletownanimalclinic.com.

VETERINARIANS NEEDED

Park Slope, Brooklyn. Experienced veterinarian wanted for immediate position for busy 3 doctor practice in Park Slope, Brooklyn immediately across the street from Prospect Park. The practice is very well equipped with ultrasound, digital radiography, digital dental radiology, endoscopy and more. Excellent experienced support staff. Salary and benefits to be discussed at interview. Interested applicants contact Dr. Leonard Silverman at 718-768-6125 or by email at ennyvet@gmail.com.

Pet Loss at Home. Very part-time, part-time, and full-time veterinarians needed to provide private pet euthanasia in the comfort of home throughout entire greater NYC Long Island area. Earn \$2,000/month for 10 home visits, \$4,000/month for 20 home visits, \$8,000/month for 40 home visits. Study our website at www.petlossathome.com and email DrKaren@PetLossAtHome.com. Also Pet Loss At Home provides free info. Simply request via email: sedation protocols, how to do quick, easy, free clay paw print impressions, home euthanasia techniques, and signs of suffering advice for clients.

Prospect Park Animal Hospital. Wanted for immediate position: Experienced veterinarian for busy 3 doctor practice in Park Slope, Brooklyn immediately across the street from Prospect Park. The practice is very well equipped with ultrasound, digital radiography, digital dental radiography, endoscopy and more. Excellent, experienced support staff. Salary and benefits to be discussed at interview. Interested applicants contact Dr. Leonard Silverman at 718 768-6125 or email lennyvet@gmail.com.

Turnpike Veterinary Clinic is seeking a small animal veterinarian or specialist with their own clientele to rent space 2 or more days a week. Ability to see exotics is a plus. The new clinic has a beautiful waiting room, surgery suite, DR digital x-ray, and a Sopix digital dental system. Please contact turnpikeveterinaryclinic@gmail.com to schedule a visit.

Urban Vet Animal Hospital. Manhattan Animal Hospital located in Village seeks full time, part time, relief doctor. Experience preferred but new graduate/intern trained considered. Send resume to 212-674-8600, or email to onedogtwo@aol.com.

Williamsburg Brooklyn Clinic. Part-time or per-diem veterinarian with interest in preventive and shelter medicine needed for one or two days a week. New York State license and prior experience required. Email resume to feltonvet@verizon.net or fax to 718-388-6968.

VARIOUS POSITIONS AVAILABLE

Turnpike Veterinary Clinic in Glen Oaks, NY is currently seeking an experienced dog and cat groomer to rent the grooming room as a sublease. The room is approximately 211 square feet and has mirrors, a tub with a ramp, a lift table, and an air conditioner. There is plumbing for a second tub to be installed. Please fax your resume to 718-749-5886 for consideration or email turnpikeveterinaryclinic@gmail.com. Price: Requesting \$1900/month plus 30% of water and electric bill.

Urban Vet Animal Hospital. Manhattan Animal Hospital located in Village seeks full time, part time receptionist, technician, and kennel for 2 hospitals. Please send resume to fax 212-674-8600 or email to onedogtwo@aol.com, attention Elvin.

FOR SALE

Used Equipment. Stainless Shoreline animal cages in good condition. 224x24 (8) for \$75; 30x30 (11) \$85; 36x30 (6) \$90; 48x30 with double door (2) \$120. Other items include exam table, EL SAM table, surgery table, exam table with cabinet, anesthesia machine, automatic x-ray developer. For more information contact Lydia Perez at 718-829-2355, 718-829-8084, or 347-266-4190.

Want to place a classified ad? Please send your submission to info@vmanyc.org. Submissions will only be accepted from VMA of NYC members. Be sure to provide a brief description of the posting and appropriate contact information.



Killing fleas and ticks can be just **this easy.**

With NexGuard® (afoxolaner), flea and tick control is convenient for pet owners since dogs love taking the soft, beef-flavored chew.¹

POWERFUL flea and tick killing all month long

CONVENIENT monthly dosing owners are used to

EASY for owners to give¹ and for veterinarians to dispense



Prescription only with anti-diversion technology



¹Data on File at Merial.

[®]NexGuard is a registered trademark, and [™]FRONTLINE VET LABS is a trademark, of Merial. ©2015 Merial, Inc., Duluth, GA. All rights reserved. NEX15TRADEADA (01/15).

IMPORTANT SAFETY INFORMATION: For use in dogs only. The most common adverse reaction is vomiting. Other adverse reactions reported are dry/flaky skin, diarrhea, lethargy, and anorexia. The safe use of NexGuard in pregnant, breeding, or lactating dogs has not been evaluated. Use with caution in dogs with a history of seizures.

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 8 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 >89% 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 ≥90% 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 >83% 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 chemistries, 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.

NADA 141-406, Approved by FDA

Marketed by: Frontline Vet Labs™, a Division of Merial, Inc.
Duluth, GA 30096-4640 USA

Made in Brazil.

©NexGard is a registered trademark, and
™FRONTLINE VET LABS is a trademark, of Merial.
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Rev. 1/2015



Membership Spotlight

Q1. Where did you grow up and when did you move to New York City?

I grew up in Delhi NY, a small town in upstate NY, nestled in the Catskill mountains. I moved to Brooklyn, NY in 2002 after finishing Veterinary School. However, I spent a large number of summers in Brooklyn working at my father's clinic when I was still in high school.

Q2. Why did you become a veterinarian and when did you know that you would become one?

I am one of the lucky few that always knew what I wanted to do in life. Growing up in a household with a veterinarian and seeing the enjoyment my father had going to work everyday. Whether it was the interaction with pet owners, kids or doing surgery, he always looked like he was enjoying life.

Q3. Where did you go to veterinary school?

Ross University.

Q4. What was your first job as a veterinarian?

Small animal veterinarian for the Bregman Veterinarian Group.

Q5. Where do you practice now, and how long have you been there?

New York City & Long Island. I have been with the Bregman Veterinarian Group since 2002 (13 Years).

Q6. What pets do you have?

I currently have a German Shorthair Pointer, named Ruger, and two domestic short hair cats, Benny & Sune.

Q7. What are your hobbies/interests?

Anything in the outdoors interest me and, of course, animals. I enjoy horseback riding, biking, beach, and collecting various antiques.



DR. ALLAN BREGMAN

**NYC VMA
MEMBER**

INDEPENDENT ADVOCATES DELIVERING RISK-FREE, PROVEN RESULTS

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Canine Influenza A H3N2

A newly circulating strain of canine influenza A, H3N2 in the US was first identified among dogs in Illinois, Wisconsin, Indiana and Ohio. The virus is related to an Asian strain of H3N2 which has been found among dogs in southern China and South Korea.¹ It is different from the seasonal influenza A H3N2 viruses that circulate among people. The recognition of the virus was made by the New York State Veterinary Diagnostic Laboratory at Cornell University in conjunction with the Wisconsin Veterinary Diagnostic Laboratory, while the USDA National Veterinary Service Laboratories has rapidly generated total genomic sequences from a virus isolate provided by Cornell.

It is not clear how the virus arrived in the United States, but is likely due to the international movement of dogs. Infected dogs from Asia may have been imported to the Midwest where they may have exposed local dogs.

The virus causes an illness similar to the canine influenza A virus H3N8. Infected dogs may be asymptomatic or develop fever, anorexia, lethargy, nasal discharge and cough which can persist up to 3 weeks. In more severe cases, pneumonia and sometimes death may occur. The H3N8 canine influenza virus can be detected in the respiratory secretions of both symptomatic and asymptomatic dogs, and they can shed virus for as long as 7 days. Transmission occurs from dog to dog and may be more intense in congregate settings such as shelters and kennels. In Asia, several cats were infected with the virus and suffered a high mortality rate. In research settings ferrets were found to be susceptible to infection but with limited secondary transmission.² There are no reports of transmission of the virus from dogs to people.

The incubation period for H3N8 canine influenza is thought to be 1 to 5 days, with most cases appearing in 2 to 3 days. Dogs inoculated with the H3N2 canine influenza virus developed fever as soon as 1 to 3 days and respiratory signs in 2 to 8 days. In experimentally infected cats, clinical signs first appeared after 2 to 7 days.³

The current canine influenza vaccination will offer protection against H3N8, though at this time, it is unclear whether it offers protection against the H3N2 strain. Dogs in congregate settings such as kennels, shelters, doggie day care and dog runs are at greater risk for exposure to canine influenza and may benefit from vaccination.

Infection Control

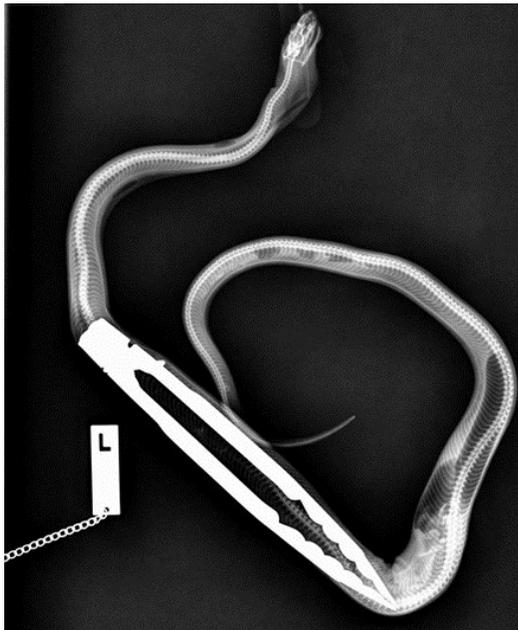
Stringent adherence to infection control is the best way to deal with a potential outbreak of either variant of canine influenza. Guidance on the development of an infection control plan can be found online with The National Association of State Public Health Veterinarians Model Infection Control Program at <http://nasphv.org/documentsCompendia.html> or the Infection Prevention and Control Best Practices for Small Animal Veterinary Clinics from the Canadian Committee on Antibiotic Resistance at [http://www.wormsandgermsblog.com/uploads/file/CCAR%20Guidelines%20Final\(2\).pdf](http://www.wormsandgermsblog.com/uploads/file/CCAR%20Guidelines%20Final(2).pdf).

- Hospitals and shelters should discuss a response plan to address the need to isolate and treat infected dogs and quarantine dogs exposed to canine influenza virus (CIV).
- Isolation protocols should be rigorously applied for all dogs showing signs of respiratory disease.
- Respiratory disease should be investigated, and dogs with suspected CIV infection discovered after entry into the facility should be isolated, evaluated and treated. Exposed dogs in a facility should be quarantined for a minimum of 14 days from last exposure. If possible, quarantined dogs should be separated by a physical barrier.

- Recommend to pet owners that dogs diagnosed with CIV should be isolated for 7 days following onset of illness.
- Clean and disinfect all animal cages, floors, surfaces, food and water bowls, and other objects in contact with animals daily. The CIV is killed by disinfectants (e.g., quaternary ammonium compounds, bleach solutions at a 1 to 32 dilution, or potassium peroxymonosulfate) commonly used in veterinary clinics, boarding facilities, and animal shelters. Human influenza A viruses seem to remain viable for less than 24-48 hours on most surfaces, and this is likely similar for canine influenza viruses.
- Veterinarians and staff should institute infection control practices to avoid inadvertent spreading of the virus on contaminated clothing, shoes, and other fomites. This includes the wearing of disposable gloves by persons handling infected dogs or cleaning contaminated cages. Hand hygiene policies should be enforced even if disposable gloves are worn by persons handling ill animals or cleaning cages, etc. Employees should wash their hands with soap and water (or use an alcohol-based hand cleaner if soap and water are unavailable) before and after handling each dog; after coming into contact with a dog's saliva, urine, feces, or blood; after cleaning cages; and upon arriving at and before leaving the facility.

Diagnostic Information

At this time, there is no evidence that H3N2 is circulating in New York. Veterinarians should not necessarily pursue testing for H3N2 except in situations in which dogs with signs of respiratory illness and have a risk factor such as recent travel to or arrival from the Midwest, or a visiting dog or cat from the Midwest in the two weeks preceding illness onset. If H3N2 is identified in the New York or surrounding area, additional notification will be made to inform the veterinary community. Cornell University is developing a system that will help track strains of canine influenza that is available to the public online at <https://ahdc.vet.cornell.edu/news/civ.cfm>.



A pet python in Adelaide, Australia, underwent a delicate surgery earlier this month to remove a pair of BBQ tongs lodged in his stomach. **Picture: The University of Adelaide via Facebook**

Currently, testing can only identify that influenza A virus is present, but cannot differentiate between H3N2 and H3N8. This capability is under development and will be available shortly through the Animal Health Diagnostic Center. Check their website for updates at <https://ahdc.vet.cornell.edu>. In addition to influenza testing, Cornell offers a respiratory PCR panel which can identify canine adenovirus, canine distemper virus, canine parainfluenza virus, canine respiratory coronavirus, canine pneumovirus, *Bordetella bronchiseptica*, and *Mycoplasma cynos*. This can be used to identify pathogens associated with respiratory illness other than influenza.

Influenza Testing

A validated PCR test for CIV is available through the Animal Health Diagnostic Laboratory at Cornell University and IDEXX. Serum samples can be submitted to the Animal Health Diagnostic Laboratory at Cornell University, or the University of Florida College of Veterinary Medicine.

Veterinarians wanting to pursue influenza testing should collect specimens as follows:

Within 4 days of illness onset: Nasal or pharyngeal swabs are the specimens of choice for rRT-PCR or virus isolation. Specimens should be collected within 4 days of illness onset. Swabs should be placed in a red-top blood collection tube with a few drops of sterile saline or viral transport media. Do not place swabs in bacterial transport medium. This specimen can also be used for the respiratory PCR panel for an additional fee.

Between 4 and 7 days of illness: Collect both a nasal or pharyngeal swab and serum to improve sensitivity.

7 or more days after illness onset: Serum should be collected for antibody testing using hemagglutination inhibition (HI). Samples taken late in the infection will not be useful for rRT-PCR or virus isolation.

Fresh tissue: If necropsy is performed, fresh tissue can be submitted. Lung is the specimen of choice. Fixed tissue cannot be used for influenza testing, but if submitted can be used for histopathology to identify other potential causes of illness. Contact the AHDC for collection, storage and shipping information.

Cornell Shipping Information

Veterinarians wishing to use the AHDC for testing can access information online. Ship samples overnight on ice packs. Visit the AHDC website for the following; Submission form: https://ahdc.vet.cornell.edu/docs/General_Submission_Form.pdf Labels: https://ahdc.vet.cornell.edu/docs/Shipping_Discount_Program_Information.pdf

Additional Information

Cornell has an H3N2 Frequently Asked Questions web page which can be accessed at: <https://ahdc.vet.cornell.edu/news/civchicago.cfm>

The AVMA also has information at www.avma.org/KB/Resources/FAQs/Pages/Control-of-Canine-Influenza-in-Dogs.aspx

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2. J Gen Virol. 2013 Feb;94(Pt 2):293-7. doi: 10.1099/vir.0.042473-0. Experimental infection and natural contact exposure of ferrets with canine influenza virus (H3N2). Lee YN1, Lee DH, Park JK, Yuk SS, Kwon JH, Nahm SS, Lee JB, Park SY, Choi



A playful squirrel has been photographed playing with an old turtle shell by carpenter Geert Weggen in his garden in Bispgården, Sweden. **Picture: Geert Weggen/HotSpot Media**

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