

Dane Line

REIMAGINED

APRIL
2025



Published by the Great Dane Club of New England

President - Sue Davis Shaw
Vice President - Marcia Roddy
Recording Secretary - Kim Thurler
Corresponding Secretary - Tiffany Cross
Treasurer - Carol Urick
Directors - Suzanne Kelley, Normand Vadenais & Dianne Powers

Note from Sue:



Hi Everyone,

Lots going on as we prepare for the National in October. I have information in the GDCA section of this issue. We have donated 650 first aid/sewing kit packets for the welcome bags and they have been purchased and given to Judi Arsenault, who is the Welcome Bag Chairman. She is looking for more donations so if you have any connections or can donate 650 of something, Judi would be very grateful. Pat Ciampa is the Chairman of the Welcome Party and I know she can use all the help we can give her. Carol Urick is looking for items for the Auction. The club will be donating to the raffle room, but donations are much appreciated from individuals. Lots of volunteers will be needed on-site during the week. With everyone's help, we will have a fantastic, profitable national.

We are partnering with Wampanoag Kennel Club to support the entry of their show on Sunday, June 29th. They have moved from Wrentham to the Wide World of Sports in North Kingstown, RI. Please help to spread the word. We'd like to pull a good entry and hopefully being indoors with air conditioning will help. We're only supplying toys for the top four spots, and I am donating them, so no cost to the club. More details as they become available.

With the expected increase in the popularity of the Great Dane due to The Friend movie coming out, some clubs in our division are banding together to offer informational zoom meetings for the general public. If you would like to participate, please let me know.

FastCat is currently on hold as we are waiting for an opening at Showcase for Dogs that is not in the hot summer months.

Best wishes for a happy and healthy spring!

Sue Davis Shaw

President

Remember finding your first Great Dane?

Folks who hope to find a well-bred Dane to add to their family may use the GDCNE website as a resource and may contact me. It's unfortunate when the only available pups seem to be from less than responsible breeders.

So if you are a member who is accepting puppy inquiries or if you have an older dog to place, please email me details on color, sex, etc. and how best to reach you. I'll share that information if I receive inquiries. (Before I pass your name along, I will **try** to educate those who are new to the breed with some basics.) If you wish, I can also post that info on the GDCNE website, which always includes a caveat that listings do not constitute an endorsement or warranty by the Club.



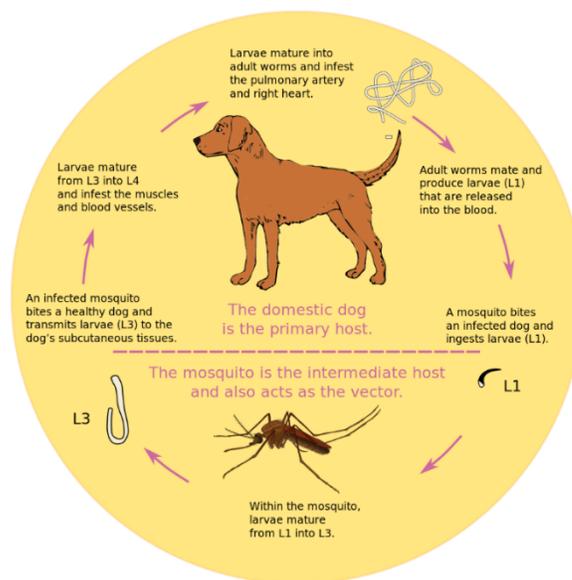
Thank you!

Kim Thurler

Recording Secretary and Website Coordinator,
GDCNE

kimthurler@gmail.com

Heartworm



Dr. Betty Lewis, RVT, Dr A N

Life Cycle of the Heartworm

It's a good idea for you to realize how specific this life cycle is because it means that it is really *not* easy for a dog to contract a heartworm infestation. To become an adult, a heartworm goes through part of its life in a mosquito, and part in a dog or wild canine (cats can also get heartworm, but they are not as frequent a host as dogs.) In addition, there are 5 separate larval stages before adulthood. Next, there are specific environmental temperature requirements. If the environmental temperature goes below 57 degrees, the cycle is aborted. This life cycle can be found online in detail, however, if you decide to google this information, please note that most of the information seems to be combined with fear-mongering rhetoric from the pHARMaceutical companies or their veterinary counterparts. They go over the top making it sound like an inevitable disease unless you use their drugs to both prevent and treat.

While heartworm infestation is something dog owners should know about, it is not the unavoidable scourge that these sources would have you believe. If you have taken to heart my previous newsletters, your dog will be reasonably healthy. This means he is eating a species appropriate, raw diet, is vaccine free, & is not deliberately exposed to chemical toxins. Therefore, his immune system should be strong enough to fight off a heartworm infestation with none of the larvae reaching adulthood.

I stopped subjecting my dogs to the procedure erroneously known as heartworm "prevention" in 1996. At that time, I had a chronically ill Great Dane named Paisley. Paisley had multiple issues resulting from vaccines, so I decided not to add insult to injury, and to stop giving her monthly doses of ivermectin, a poison which kills in the larval stages of the heartworm. Two years later, when she died, I had a necropsy done, and asked that in the process, they specifically look in her heart for heartworms. When the results showed that she, a *very* unhealthy dog, did not have heartworms, despite living in the woods of New Hampshire, where the mosquito is considered the state bird (!), I decided that my healthy dogs would no longer be subjected to monthly poisoning.

Veterinary homeopath, Dr. Jeffrey Levy observed that the only dogs who developed symptoms of heart failure due to heartworms were those who had been subjected to the kinds of toxic methods we have discussed, including commercial food, vaccines, and other drugs.

"It is not really that different from the common intestinal roundworms, in that most dogs do not show any symptoms. Only a dog whose health is compromised is unable to tolerate a few worms. Furthermore, a truly healthy dog would not be susceptible to either type of worm in the first place. It seems to me that the real problem is that allopathic attitudes have instilled in many of us a fear of disease, fear of pathogens and parasites, fear of rabies,

as if these are evil and malicious entities just waiting to lay waste to a naïve and unprotected public."

Prevention

Conventional drugs:

I started to look up the adverse effects of the top three major heartworm prevention medications in dogs, but it became too unwieldy for this article. Instead, here is a list of the adverse effects for just Ivermectin, since I think that is the most common product used in Great Danes.

Dilation of pupils, vomiting, abnormal behavior, difficulty breathing, confusion, weakness, lethargy, stupor, low body temperature, hyper salivation, loss of body control, inability to stand,

respiratory collapse, seizure, death.

Source: Parasitic Drug (Ivermectin) Poisoning in Dogs, written by Hannah Hollinger, 5/27/16 & updated 9/9/21. Reviewd by Dr Linda Simon, MVB MRCVS

The article referenced also gives a list of dog breeds which have a predisposition to the drug. Great Danes are not mentioned.

In the event that some of the larvae should manage to get past your dog's immune system defenses and survive to adulthood, it is still far from a death sentence.

Wholistic approaches to prevention

Common sense techniques also include avoiding peak mosquito times of day and natural mosquito repellants (essential oils CAN be used on cats, but you must do your due diligence to find out which ones are safe, and in what strength. I recommend reading at <https://animaleo.info/>). The product I have found most effective on my dogs during multiple years and habitats is <https://www.dgcedaroil.com/> . I

spray once a day before they go out in the morning. Use more often if you see mosquitoes landing on your dogs.

There are a slew of ectoparasite products on the market. I don't know of the efficacy of any of them, but I think they would certainly be worth a try before using a drug.

Some wholistic veterinarians suggest other approaches. These include the use of herbs such as those at Amber NaturalZ <https://ambernationalz.com/>. When you research natural products, you will not find companies making the claim that their product treats or cures anything, due to restrictions on them from government. You will see phrases such as "Supporting the body's normal cardio detoxification process", and "Maintaining a healthy heart and circulatory system."

Here is an excellent article from Dogs Naturally Magazine by Dana Scott, which also covers much of what I've been discussing here. <https://www.dogsnaturallymagazine.com/dont-give-dogs-heartworm-meds-shouldnt-either/> The herbal ingredients suggested in the article include hawthorn, dandelion leaves, garlic, neem, wormwood, black walnut and black seed.

There are so many articles on the web dealing with this topic, that a simple search should keep you busy for a bit!

Wholistic treatments

One popular treatment was developed by veterinarian, Dr. Gerald Wessner, <http://holisticvetclinic.net/contactus.aspx>. His treatment employs the use of homeopathic nosodes. Dr Wessner passed on not long ago, but his wife maintains their store

at **Homeopathic Education, LLC**. I spoke to her in preparation for this article, and she said she still sells the products he recommends. They are:

1. The heartworm nosode which is used on a declining schedule from daily to weekly over a three month period.
2. A product called Paratox (a homeopathic complex of several remedies) is given orally or in the drinking water twice daily for 48 days.
3. Diatomaceous earth is fed in moistened food once daily for a month or longer.

Please call: 352-245-2025 to buy the first two items. Diatomaceous earth is available online, but be SURE to use food grade, NOT pool grade. I see that it is available at ACE Hardware among other places. Here's an article about it from a person I trust, Dr Josh Axe, DC, DNM, CN [Diatomaceous Earth Benefits, Uses and Side Effects - Dr. Axe](#)

Testing

As mentioned above, as with so many "diseases", a healthy animal is not a candidate for parasites. Dr. Ray Dillon, a well-known heartworm researcher at Auburn University School of Veterinary Medicine, in one study, attempted to parasitize stray dogs from Mississippi. These 4-5 year old strays had been thoroughly tested and found to be free of heartworms prior to the experiment. 100 heartworm microfilaria were injected, but only 3-5 adult worms developed. Dr Dillon concluded that the dogs were immune because test animals who were raised conventionally, with commercial food and other accepted protocols, usually had 97-99 adults develop from this protocol. This study supports the contention that certain stressors, especially vaccines, render dogs more susceptible to heartworms & other diseases.

One of the few annual tests I do on my own dogs is the heartworm test. Due to my training as a veterinary technician, I am able to do this at home. I know how to take blood from a vein, and I have a microscope and what to look for. However, for the past two years, I have been using an over the counter test which operates like a human pregnancy test. It requires blood, but only the amount you can get from quicking a toenail. I found it easy to use.

<https://takeandtest.com/product/heartworm-test-for-dogs-cats-canine-feline-rapid-at-home-testing-kit/>

Since leaving NH, my dogs have lived in North Carolina and Florida, always with negative heartworm tests. So, in the scheme of things, I think heartworm poses a risk on the lower end of the scale, and there are alternative methods that can be employed to avoid or treat this issue. As I related above, in my story about Paisley, a dog can live in a location that would be considered heartworm prone. Paisley wasn't even healthy, so a healthy dog is much less likely to contract heartworm infestation.

However, we cannot protect our pets from every pathogen they may contact. Neither can we "poison our way to good health." We must focus on creating health, not fearing illness.



We welcome **Heather Davis** as a new associate member!

Mikie Woodworth has applied for regular membership and has been approved for publication by the board. Any comments regarding this application should be sent to Membership Chair, Sue Davis Shaw, at Davisdane@comcast.net.

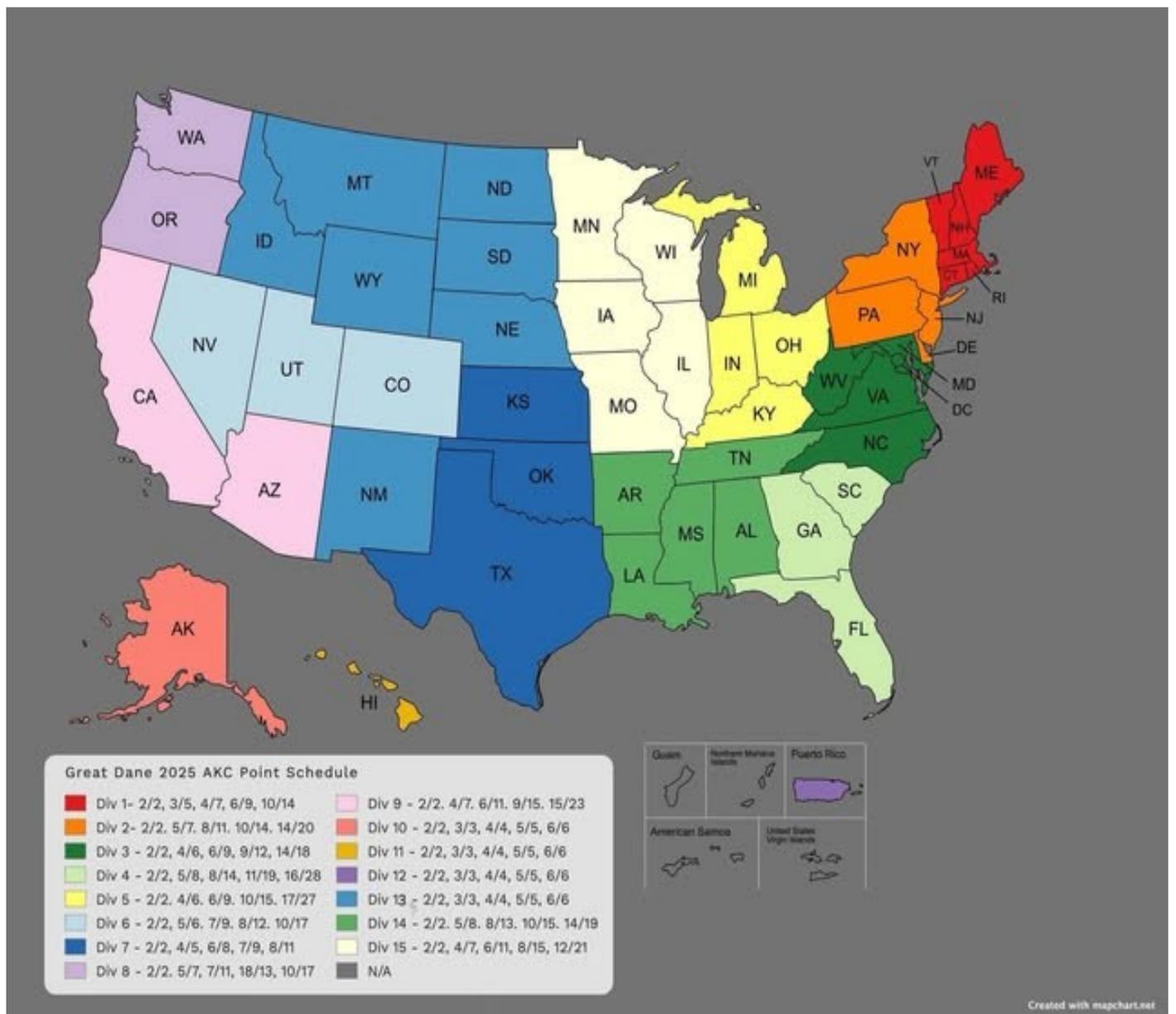
DaneLine Reimagined

This is your publication. When you win...share it! When you have a litter...share it! When you have any accomplishment...send it along! Do not feel like you have to wait until the deadline approaches or that you have sent too much in the past. The GDCNE posts DaneLine on our website and on our FB page so don't miss it. Send your information in. We also welcome articles, etc.

Next Deadline is August 15th.

Here is the 2025 AKC Point Schedule, please note the change in states for Divisions 6, 9, and 12.

Also note that Puerto Rico is added!



Wampanoag & Hockamock
Kennel Clubs
Are Moving To a New Air-Conditioned Location!



NEW LOCATION

*Wide World of Indoor Sports
1610 Davisville Road
North Kingstown, RI 02852
401-295-1234*

Show Dates: June 26-29, 2025

GDCNE is supporting the Great Dane entry on Sunday. Let's make this weekend majors!

It will only take 4 dogs/7 bitches under the new point scale!

Great Dane Club of New England's Fall Specialty Weekend

It's that time of year again. We need your support for trophies and raffle prizes for our Fall Specialty weekend in November at W. Springfield, MA. Please be on the lookout for the sign up genius for trophies and send your raffle donations or checks to support the raffle to Carol Urick, 74 Briarwood Drive, Manchester, CT 06040. Checks should be payable to GDCNE and in the note section specify what you are contributing for. Also, if you use the GDCNE's PayPal account, please be sure to include what the dollars are for and if you are so inclined, please include an extra \$1 or \$2 to offset the PP fees. Gdcnepp@hotmail.com

The Specialty cannot happen with each of us supporting it.



Pumpkin Popsicles for Dogs

Ingredients:

- 1 cup canned pumpkin (plain, unsweetened)
- 1/2 cup plain yogurt (unsweetened, unflavored)
- 1/4 cup water or low-sodium chicken broth

Instructions:

1. In a mixing bowl, combine the canned pumpkin, plain yogurt, and water or chicken broth. Mix until smooth and well combined.
2. Pour the mixture into ice cube trays or silicone molds.
3. Place the trays in the freezer and freeze for at least 3 hours, or until the popsicles are completely solid.
4. Once frozen, pop the popsicles out of the trays and serve to your dog as a cool and refreshing treat.
5. Store any leftovers in a freezer-safe container.

These pumpkin popsicles are a tasty and healthy way to keep your dog cool and hydrated, packed with beneficial nutrients!



No-Bake Peanut Butter & Carrot Egg Treats for Dogs on Easter Day

The Easter Bunny delivered a special surprise this year—delicious, no-bake peanut butter and carrot egg treats! As Coco, the playful Labrador, sniffed the air, she knew these soft, protein-packed delights were made just for her.

Ingredients & Preparation:

- 1 cup rolled oats – Blend in a food processor until finely ground into oat flour.
- 1/2 cup natural peanut butter (xylitol-free) – Stir well before measuring to ensure a smooth consistency.
- 1/4 cup finely grated carrots – Wash, peel, and grate the carrot using a fine grater.
- 1 tablespoon honey (optional) – Measure directly for natural sweetness.
- 1 teaspoon cinnamon (optional) – Measure directly for flavor and anti-inflammatory benefits.

Instructions:

1. In a bowl, mix the oat flour, grated carrots, and cinnamon.
2. Add the peanut butter and honey, stirring until a thick dough forms.
3. Scoop small portions and roll them into egg shapes with your hands.
4. Place the eggs on a parchment-lined tray and refrigerate for at least 30 minutes to firm up.
5. Serve chilled or at room temperature.

Storage:

- Store in an airtight container in the refrigerator for up to 1 week.
- Freeze for up to 3 months.

Benefits:

- Peanut butter provides protein and healthy fats.
- Oats support digestion and provide fiber.
- Carrots are rich in vitamin A for vision and immune health.



Apple and Carrot Hard Bones for Dogs: Homemade Treat for Pups

Posted on Published: November 29, 2024 - Last updated: December 9, 2024

There's nothing quite like seeing your dog wag their tail with excitement, especially when you offer them a special treat. But as pet parents, we all want to make sure that what we're giving our furry friends is as good for them as it is tasty. These **Apple and Carrot Hard Bones for Dogs** are the perfect solution. Not only are they simple to make at home, but they're also packed with nutrients that your pup will benefit from.

In this post, we'll dive deep into everything you need to know about this recipe—from the health benefits of apples and carrots to step-by-step instructions, storage tips, and even some creative variations. Plus, I'll share a bit about why homemade treats are such a game-changer for both you and your pup. Let's get started!

Why Choose Homemade Dog Treats?

1. Full Control Over Ingredients

When you make dog treats at home, you know exactly what's going into them. You can skip the preservatives, artificial colors, and fillers commonly found in store-bought treats. Instead, you'll use whole, fresh ingredients that are safe and nutritious for your dog.

For example, these hard bones are made with:

- Apples for a natural sweetness and vitamin C boost.
- Carrots for fiber, beta-carotene, and crunch.
- Oats and whole wheat flour for energy-packed carbohydrates.

This level of control allows you to cater to your dog's specific dietary needs, whether they require grain-free options or have sensitivities to certain ingredients.

2. Supports Dental Health

Dogs love to chew—it's a natural behavior that helps them relieve stress, stay mentally stimulated, and maintain good oral hygiene. The hard, crunchy texture of these treats makes them perfect for scraping away plaque and tartar, keeping your pup's teeth and gums healthy.

3. A Labor of Love

There's something so rewarding about making something special for your dog. Just like cooking for your family, baking for your pup is an act of love that strengthens your bond. Plus, your dog will definitely notice the effort—and reward you with lots of tail wags and kisses!

The Benefits of Apples and Carrots for Dogs

If you've ever wondered whether apples and carrots are good for dogs, the answer is a resounding yes! Let's take a closer look at why these ingredients are such great additions to your dog's diet:

Apples

Apples are packed with vitamins and antioxidants that promote overall health.

- **Vitamin C:** Boosts the immune system.
- **Fiber:** Helps with digestion and keeps your dog feeling full.
- **Natural Sweetness:** Satisfies your dog's sweet tooth without added sugar.

When using apples in dog treats, make sure to remove the seeds and core, as these can be harmful.

Carrots

Carrots are a powerhouse of nutrients, making them one of the best vegetables for dogs.

- **Beta-Carotene:** Converts to vitamin A, which supports eye health.

- **Low-Calorie Snack:** Perfect for dogs on a diet.
- **Crunchy Texture:** Helps keep teeth clean and gums strong.

Together, apples and carrots create a treat that's both delicious and beneficial for your dog's health.

Ingredients You'll Need

This recipe is made with simple, wholesome ingredients you likely already have in your kitchen:

- 1 medium-sized apple (grated or pureed, seeds and core removed)
- 1 medium-sized carrot (grated or pureed)
- 1 cup whole wheat flour (or a gluten-free alternative)
- ½ cup rolled oats
- ¼ cup unsweetened applesauce
- 1 egg (for binding and added protein)

These ingredients not only taste great but also provide your dog with the nutrients they need to thrive.

Step-by-Step Instructions to Make Apple and Carrot Hard Bones

1. Prep Your Ingredients

Wash the apple and carrot thoroughly, and remove the apple's seeds and core. Grate or puree both ingredients, depending on the texture you want in your finished treats. Pureeing creates a smoother dough, while grating leaves little bits of fruit and vegetable for added crunch.

2. Mix the Dry Ingredients

In a large mixing bowl, combine the whole wheat flour and rolled oats. Stir until evenly mixed.

3. Add the Wet Ingredients

In a separate bowl, whisk the egg, then stir in the applesauce, grated apple, and carrot. Gradually pour this mixture into the bowl with the dry ingredients. Mix until a sticky dough forms.

4. Knead and Roll Out the Dough

Turn the dough out onto a floured surface. Knead it for a minute or two, adding a little flour if it's too sticky. Roll the dough out to about ¼-inch thickness.

5. Cut Out Shapes

Using a bone-shaped cookie cutter (or any shape you like), cut out the treats. Place them on a parchment-lined baking sheet, leaving a small gap between each one.

6. Bake the Treats

Preheat your oven to 325°F (163°C). Bake the treats for 30–35 minutes, or until they're golden brown and hard. For an extra-crunchy texture, turn off the oven and let the treats cool inside for another hour.

Creative Variations for the Recipe

Want to mix things up? Here are a few variations to try:

Add Peanut Butter

For an extra boost of flavor, mix in a tablespoon of unsweetened peanut butter. Dogs go crazy for the nutty taste, and it adds healthy fats to the recipe.

Learn how to make your own dog-safe peanut butter here: [Homemade Peanut Butter for Dogs: A Tail-Wagging Treat](#).

Boost the Crunch Factor

Sprinkle sesame seeds or finely chopped parsley on top of the treats before baking for a little extra texture and flavor. Parsley is also great for freshening your dog's breath!

Seasonal Flavors

Try substituting pumpkin puree for applesauce during the fall. It's a great source of fiber and perfect for pups who love seasonal flavors. Check out this recipe for more pumpkin ideas: [Blueberry Pumpkin and Oatmeal Chews for Dogs](#). **Tips for Storing Your Dog Treats**

To keep your hard bones fresh and crunchy, follow these storage tips:

1. **Airtight Containers:** Store the treats in an airtight container at room temperature for up to two weeks.
2. **Refrigeration:** If you live in a humid climate, consider refrigerating the treats to prevent mold.

Freezing for Longevity: Freeze the treats for up to three months. Thaw them at room temperature before serving.

Reprinted Dogs Naturally Magazine

Submitted by Sue Shaw



Braggs

**Our Pretty Barbie Winning Her First Major
At 9 months!!**

TriLa N Journey Daviddane's Ultimate Cool Kid



Bred by Tricia LaBruzzo and Kim McClure

Daviddane Great Danes

Sue Davis Shaw

Bragg

Teasel

Sterling's Black Teasel v. Mgckngdm



My puppy (not quite 8 months old) walked into the ring for the first time at the Ct Working Group Cluster.

She walked away with a Reserve to the major, a Best in Sweeps, Best of Opposite in Sweeps and lots of nice compliments.

(CH Mgckngdms Cause Need A Man! X Sterling's Bluebonnet V KRW CD RN AX AXJ)

Owned and Bred by Sterling Moffat

Bragg

Stevie

MULTIPLE GROUP WINNING | MULTIPLE BEST IN SPECIALTY
GCHG LEMAIRE'S GO YOUR OWN WAY

28

BEST IN SPECIALTY WINS



*THANK YOU TO THE FOLLOWING JUDGES FOR STEVIE'S RECENT
SPECIALTY WINS, BREED WINS AND GROUP PLACEMENTS:*

MR. DOUGLAS A JOHNSON
MRS. SHERRY C WEBSTER
MS. HELENE NIETSCH
MR. BRIAN MEYER

MS. ROBIN A HUG
MRS. CYNTHIA WOODWARD
MS. FRANCIS LORAINE "LORI" CORNELIUS
MS. TIFFANY CROSS

Bred & Owned By: Jayme Lemaire, Carol McKenna Urick & Robert E. Layne | Exclusively Presented to the Fancy by: John & Jessie Gerszewski
MBISS GCHS Old Mission's Lemaire's Know When to Hold 'Em AOM X GCH Divine Acres Lemaire's Kiki Do U Love Me

Litter Announcement

SWIRLS OF CREAMY CARAMEL & DARK CHOCOLATE
SUNDANCE N MAITAU
Once More For The Gipper!
BODE **SNICKERS**

ULTRASOUND
CONFIRMED!
PUPPIES
DUE
MARCH 24

Bred by
MARCIA & PETER RODDY
PAT CIAMPA
HELEN & TIFFANY CROSS

BIF CH MAITAU'S NEVER BETTER, CGC ROM HOF x CH SUNDANCE N MAITAU BELIEVE YOU ME

Exciting News!

On March 24th, Marcia & Peter Roddy, Pat Ciampa and Helen & Tiffany Cross welcomed 4 boys (2 brindle & 2 fawn and 3 girls (2 fawn and 1 brindle).

Braggs

Vanilla

(Enchanted Mountains Vanilla Bean Frappuccino)



Beautiful Vanilla was awarded a 4-point Major Reserve under Breeder Judge Diane Collings at First Company Governor's Foot Guard Athletic Association in W. Springfield, MA.

*MBISSOH BISS Am GCHB Can Intl CH Triplecrest Easter Parade AOM, and
MBISSOH Am CH Enchanted Mountains Horizon Zero Dawn AOM.*

Bred by: Mickella Raven & Eugenia Thayer

Owned by: Mickella Raven

Bragg

I'm pleased to announce that I finally got my puppy!!!

Divine Acres Earth Wind and Fire @ Lento

Raina!!!!



Ch Rojon's Romantico, x Ch Divine Acres Belle Vie Vvs1 Nearly Flawless

Owned by: Carolyn McNamara, Theresa M. Lento and Joan Mrkvicka.

This beautiful little girl is futurity nominated and will debut at the Nationals in October!!!!

Thank you Carolyn for trusting me with one of your beautiful babies!!!

Thank you Joan for being an important part of our team!!!!

Theresa M. Lento

15 Favorite Remedies for Natural Pet Care Kit

Submitted by Betty Lewis

Posted anonymously on Facebook:

Below is list of 15 favorite remedies for your natural pet care kit to have on hand at home. Of course there are more but these are the foundation: the core home cures you will have on hand to use from time to time as needed. (if you are not familiar with any of these remedies please research them online or ask questions for more information on their properties before using)

1. 10-20 PPM colloidal silver (CS)
2. Organic apple cider vinegar (ACV)
3. Food grade diatomaceous earth (DE)
4. Raw unrefined organic coconut oil
5. Montmorillonite/Bentonite clay powder or liquid
6. Activated charcoal (always have on hand)
7. Rescue Remedy and Australian Bush Flower Emergency Essence
8. Essential oils. The core basics to always have on hand are lavender, peppermint and tea tree oils.
9. Baking soda
10. Turmeric or Golden Paste
11. Raw honey (preferably Manuka honey)
12. At least these 5 homeopathic remedies - aconite, calendula, arsenicum, apis and arnica
13. Slippery elm powder for tummy issues
14. Calendula oil (dried calendula flowers steeped in organic olive oil for 6 weeks)

15. Herbal remedies, tinctures and an herbal salve, even herbal powders. Pick 3 or 4 from the list below that you feel would be user-friendly for you and your pet

Here is a list of some of my favorite herbs used in herbal animal medicine:



Submitted by Betty Lewis

- Plantain: First aid herb for stings and cuts
- Comfrey Root: Heals wounds, anti-inflammatory, soothes, lubricates
- St. John's Wort: Nerve pain, wounds, bites, rashes and stings (combine with comfrey root)
- Slippery Elm: Digestive tract and diarrhea: soothes, heals and protects intestines and intestinal lining
- Alfalfa: a nutritive herb containing high amounts of protein. It is a rich source of vitamins and trace minerals, calcium, magnesium, potassium, beta-carotene, vitamins A, B-12, C, D, E and K.
- Kelp: for balancing glandular function. Contains iodine for stimulating the thyroid gland; promotes shiny, healthy skin and coat; aids in dry skin conditions, skin allergies and alopecia (hair loss)
- Milk Thistle: Liver detoxification, vaccine detox
- Calendula: skin problems, irritations and wound healing. Anti-viral
- Mallow: IBD (inflammatory bowel disease), colitis, skin conditions

- Stinging Nettle: allergy prevention and kidney disease. Highly nutritive tonic herb rich in vitamins and minerals. Has a broad range of actions and benefits
- Dandelion: Liver and gall bladder aid. Improves digestion, removes toxins. Diuretic.
- Burdock: Blood cleansing, liver tonic, nutritive, skin
- Juniper Berry: Diabetes, cardiovascular disease
- Uva Ursi: Kidney and bladder conditions
- Echinacea: Immune stimulant
- Yarrow: Skin healer, styptic (stops bleeding), digestive aid and flea powder, anti-viral
- Elecampane: Lung problems
- Mullein: Lungs, skin and ears, feline rhinitis, canine kennel cough,
- Coltsfoot: Lungs, asthma, rhinitis, kennel cough
- Valerian: Calmative, nerves, digestion
- Skullcap: Gentle sedative, nervine, anticonvulsant
- Wild Chamomile: Mild sedative and digestive. It helps to expel gas and calm nerves
- Licorice: Natural steroid and adrenal aid. Soothing. Good for use as an overall anti-inflammatory, anti-viral
- Eyebright: anti-inflammatory for use in eyes
- Raspberry Leaf: Uterine tonic
- Blackberry root: Bacterial diarrhea



Opinions or statements expressed in [DaneLine Reimagined](#) are not reflective of the Great Dane Club of New England.

Neither the Editor, the Great Dane Club of New England, the Great Dane Club of New England's Board of Directors nor any of their respective affiliates guarantee the accuracy or completeness of any information contained herein.

FOLLOW THE LAWS OF NATURE

Submitted by Betty Lewis

1. First and foremost, this requires that you give the optimal species-appropriate diet. Carnivore pets thrive on a raw meat diet, just as nature intended.
2. Eliminate all toxins in the environment. This also includes what is being given internally as well as externally: drugs, chemicals, vaccines, and pesticides, as well as everything in the home that is unnatural, including dryer sheets, floor cleaners, herbicides and more. If you must use these products in emergency situations, buy fragrance-free, use them and dispose of them safely. Synthetic fragrances are a much bigger burden on the nervous and immune systems of pets than people realize.
3. Give your pets plenty of sunshine outdoors, enough exercise daily for your breed, and always, only filtered or distilled water. (add back in fulvic minerals) Most tap water is not safe for drinking.
4. Give your pet a sleeping place to sleep that is restful, quiet and away from all EMF (electromagnetic fields) and electronics.
5. If your pet gets sick, treat the cause with natural remedies whenever possible. If you need to go to your vet for a diagnosis, do so. However, resist any suggestions to go straight to antibiotics and steroids, which only mask the symptoms, causing the disease to crop up later in a deeper, more difficult form to heal.
6. Keep a happy, healthy household. Our pets pick up on the "vibes" around them. Anger, sadness, yelling and fighting can make a pet ill from stress.
7. Remember that nature is the best cure. Only resort to surgery and drugs when in a true emergency situation

Sunshine

Our prayers and good thoughts go out to Suzanne Kelley, who has been diagnosed with stage 3 endometrial cancer that has metastasized and will be doing 6 rounds of chemotherapy and immunotherapy followed by a hysterectomy. Her treatments will go into the fall. Our thoughts are with Suzanne & Ted as she goes through this difficult time.





GDCA News

Within the last year, the GDCA voted to eliminate the color puppy classes at the national. At the last board meeting, they reversed that and apparently will continue to offer the color-divided puppy classes, but have eliminated the first place wooden base pewter trophies and instead will offer medallions for all classes.

Our National is heavily into the planning stages. Rooms are fully booked in our blocked section and they have started a waiting list. Historically, rooms open up when the deadline to cancel approaches, which this year is August 10.

More info:

March Update from the East Division:

We are excited to have you join us at the Kalahari Resort & Convention Center in Pocono Manor, Pennsylvania, from October 12th-18th, 2025.

The East Division theme celebrates **“A Dane for All Seasons”** and we are beyond ready to cheer the end of a particularly cold, snowy winter and the arrival of the spring thaw later this month. To that end, you may have noticed some flourishing of content on the 2025 East Division National page (<https://gdca.org/shows/national-specialties/2025-east-division/>) on the GDCA website. We encourage you to bookmark and visit this page regularly, as it is a trusted hub for consolidated event information and will be regularly updated as event plans are refined and finalized.

Hotel Updates:

- As of today, our block of hotel rooms is sold out. Requests to be added to the waitlist may be directed to GDCA.East.Division.Hotel@gmail.com.
- Existing reservations may be modified using the original reservation link. The confirmation number that was sent via email at the time of reservation is needed to complete this process. Special requests may be updated online via the reservation system or emailed to the email address above.

The deadline to cancel reservations without penalty is August 10, 2025.

National Room Raffle: Don't miss your chance to win!

- One Standard Room from October 12-18
- Meal Plan for Two: Top 20, Auction and Closing

Ceremonies

- Futurity, Top 20 and National Specialty Catalogs
100 Raffle Tickets

To purchase tickets, visit the National Hotel Room Raffle listing in the National Store.

Ways & Means Updates: We are delighted to welcome back 2 Guyz Quilting for the 2025 National and thank them for their 'above and beyond' efforts to get the East Division logo ready for prime time.

- The National Store has officially launched with a variety of heat-press T-shirts and tote bags in cropped and natural ear styles, embroidered caps, cozy sweatshirts and hoodies, engraved and etched drinkware, bling-y rhinestones and a spectacular limited-edition throw/tapestry. Visit Ways & Means in the National Store to order your 2025 National merchandise today!
- Unable to attend the National but interested in purchasing merchandise? Reach out to us at GDCA.East.Division@gmail.com to inquire about sending your purchases home with a designated party.

Donation Updates: We desperately need your help to make the 2025 National a success! Please consider making a donation to support one (or more) of the following areas.

Auction: Please reach out to [Carol Urick](mailto:carol_urick@hotmail.com) at carol_urick@hotmail.com for Auction donations involving physical items. If you would prefer to make a cash donation to be used to purchase items for the auction, please visit the Auction Donation listing in the National Store or mail a check to Kira Wright, Treasurer - East Division, 30 Fox Street, Manchester Township NJ 08759.

- We have recently been informed by the GDCA that the 2025 Trophy Fund target is \$22,500.00. We have raised \$200 to date. Trophy Fund donations can be made via the National Trophy Donation listing in the National Store or via check at the address for Kira Wright, Treasurer above. Please consider making a donation in memory of a special dog or meaningful achievement. Donations can be designated to support a particular competitive event such as conformation, rally, obedience, or agility.



Stay alert for some news about Limited Edition 2025 merchandise... coming soon to a trophy fund campaign near you!

- Raffle Donations involving physical items can be shipped to: GDCA East Division, c/o Jeffrey Ball, 11 Pershing Avenue, Ridgewood NJ 07450. Cash Donations to support the raffle can be made via the Raffle Room

Donations listing in the National Store or via check to Kira Wright, Treasurer (address above). Cash donations will be used to purchase items for the raffle.

Welcome Bag Donations are a wonderful way to introduce people to a favorite product, brand and/or to promote your kennel or club. Please reach out to Judi Arsenault at chromaeast@yahoo.com to discuss opportunities to be discovered in the 2025 Welcome Bag!

Key Dates & Milestones:

The next major milestones are the opening of Educational Seminars and RV Reservations in the National Store, tentatively planned for mid-to-late March and early April, respectively. Complete details about the RV reservation process will be provided in a separate mid-month update. You are also encouraged to follow this event for more information and real-time support: [RV Reservations Open for 2025 GDCA National - East Division](#). We anticipate that Health Clinics and Meals will go live in mid-April. You can also expect some exciting updates about Parades and the first-ever Trick Dog Competition later this spring. In the meantime, we encourage you to join our listserv and to follow and/or share our social media accounts using the information provided below the signature block. General inquiries can also be sent to GDCA.East.Division@gmail.com.

On behalf of the East Division, we wish you all the best for the upcoming season!

Laurie Maulucci, Division Chairperson
GDCA.East.Division.Chair@gmail.com
Jeffrey Ball, Division Show Chairperson
GDCA.East.Division.ShowChair@gmail.com

Latest Update

[Camille Durocher2025 GDCA National - East Division](#)

Sharing an updated Key Dates & Milestones flyer on the next page. Please note that several dates have shifted since the last revision.

Also, just a friendly reminder about official channels to get information about the National and for any financial transactions pertaining to the National or National Specialty merchandise.

URGENT! Trusted sources for information & financial transactions:

1. This public Meta/FB group, which you can return to later by becoming a member or searching for "2025 GDCA National - East Division". You'll know you're in the right place when you see our 1.4k members and non-anonymous admins making posts in the group.
2. The 2025 East Division National page on the GDCA website. We encourage you to bookmark and visit this page regularly, as it is a trusted hub for consolidated event information and will be regularly updated as event plans are refined and finalized.
3. GDCA Bulletins & *ad hoc* Constant Contact emails (for GDCA members) or East Division Listserv emails (for non-GDCA members who have requested to join our list by emailing us at GDCA.East.Division@gmail.com).
4. **All online purchases/transactions pertaining to the 2025 GDCA National Specialty go through the National Store on the GDCA website:** (This includes Ways & Means, RV reservations, Donations, Educational Seminars, Health Clinics, Raffle Tickets, etc.) **NO financial transactions will be processed through FB or other websites.** (Checks can still be mailed to our Division Treasurer.)

Please be vigilant as we are aware of scammers impersonating our Division and setting up external websites selling counterfeit merchandise. If you have already shared financial information with one of these scammers or have questions about staying safe online or about any of the content in this post, we'd like to hear from you: GDCA.East.Division@gmail.com.



KEY DATES & MILESTONES

MONDAY JANUARY 20

HOTEL RESERVATION INSTRUCTIONS PUBLISHED ~ #HOTELRESERVATION
SCOOTER RENTAL INSTRUCTIONS POSTED ~ #SCOOTERRENTAL

MONDAY FEBRUARY 17

HOTEL RESERVATIONS OPEN ~ #HOTELRESERVATIONS

MONDAY FEBRUARY 24

WAYS & MEANS GO-LIVE ~ #WAYSANDMEANS

MONDAY APRIL 7

RV RESERVATION INSTRUCTIONS POSTED ~ #RVRESERVATIONS

TUESDAY APRIL 15

RV RESERVATIONS OPEN ~ #RVRESERVATIONS

THURSDAY MAY 1

EDUCATIONAL SEMINARS GO-LIVE ~ #EDUCATION
MEALS GO-LIVE ~ #MEALS

THURSDAY MAY 15

HEALTH CLINICS GO-LIVE ~ #HEALTHCLINICS
CGC/CGCA/TRICK TESTING GO-LIVE ~ #CGCTRICK
PARADES GO-LIVE ~ #PARADES

**TIP: YOU CAN USE THE #HASHTAGS TO SEARCH FOR POSTS WITHIN
OUR FB/META GROUP "2025 GDCA NATIONAL - EAST DIVISION"**



GDCA Charitable Trust News

We have a new Trustee Treasurer, Jody Hill. Jody has a lot of experience with non-profits and we are excited to have her join us. Lisa Foltz will remain a Trustee. Alex Ampleman will take on the Fundraising position. Cathy Schaefer is stepping down from that position but will stay on as a Trustee.

We were happy to be able to give a Westminster Junior Showmanship Grant from the Bob & Carolyn Thomas Memorial Scholarship Fund to **Allison Gallant**, who showed her Great Dane, Mambo, GCH COSMIC NOBONZ GET READY TO MAMBO ITALIANO, and made it into the finals. We congratulate Ally and wish her much success in the future!



Update on the Post Op Bleeding Study

[Mary Anne Zanetos](#)

3/15/25 Update: The study of post-operative bleeding in Great Danes now has over 60 enrolled as well as relatives of those cases. We are still seeking more participants. Several additional cases have been reported, but where I have not received the completed questionnaire needed to enroll the dog, record important details of the case and for shipment of the test kit for obtaining a genetic sample.

I'm particularly concerned about known bleeders where failure to complete the form and/or submit a sample is preventing concerned relatives from enrolling. If that applies to you, or anyone you know, please contact me at MAZ850@aol.com. PS: We are finding Great Danes that have the gene associated with post-operative hemorrhage. Preliminary results can be seen at: view.officeapps.live.com

Dedication to discovery: Worcester's Black scientists discuss the path to knowledge

Margaret Smith - Worcester Magazine



Robert Layne is assistant dean for outreach programs at UMass Chan Medical School and director of the school's Worcester Pipeline Collaborative.

Robert Layne

**Assistant dean for outreach programs,
UMass Chan Medical School**

Robert Layne knows that when a young person looks into a microscope, there's more than meets the eye besides slides of cells or bustling microorganisms. That young person might see a vision of possibilities for the future. Layne is assistant dean for outreach programs at UMass Chan Medical School, designed to afford students from the elementary school level through college with hands-on opportunities to build skills toward a future in science, medicine and health care. Layne oversees the Worcester Pipeline Collaborative, a partnership between the university and Worcester public schools.

"It's nice to say, 'I want to be a doctor. I want to be a scientist.' What are the

steps to get there?" Layne said. "You need to make sure you are reading well. You need good vocabulary to understand what you are reading. Good math grades, good science grades. Your own family and community, people who are doing positive things."

Layne has been with UMass Chan since 1996. "I was brought in as a coordinator to help organize the Worcester Pipeline Collaborative, started by the medical school, to have more students from underrepresented communities to be prepared for a career in medicine."

From 1996 to 2006, the collaborative gave middle and high school students the opportunity for hands-on science experiences at the City Campus Lab. Layne recalled going to the principal of a middle school and program partner. "I told the principal, 'I'm not seeing as many students as I'd like to see.' The principal said, 'Well, students are acting up.' I said, 'We have extra hands for

that,'" with funding help from the Robert Wood Johnson Foundation.

Layne often took photos of the students working in the laboratory to put on the walls of the corridors. One particular student who sometimes had behavior problems was photographed looking into a microscope. One day, when the student came out of the elevator, Layne said, "He is shocked to see his photo." I said, "You are here, on my grounds, in my lab. I am not expecting you to do anything else but be productive today. No horsing around, no clowning around. Your classmates see your photo on the wall. Are we on the same page?"

Layne said, "He had social and emotional problems, but he made it through that day. I'm a firm believer of being positive."



North High School students participate in "Stop the Bleed", learning to do the suturing, as part of the Medical Professionals of Tomorrow after-school program in January, coordinated by UMass Chan medical students.

The high school health careers program, a summer residential programs, is geared toward Massachusetts high school students. "They are with us for four weeks. They live at Worcester State. They are provided transportation and food," Layne said. The program

includes classes in biology and mathematics, and an internship in a clinical area.

The internship program provides work experience for seniors from North High School's health and science academy, and the allied health program veterinary assistant programs at Worcester Technical High School. A summer undergrad research program includes college sophomores and juniors interested in careers in biomedical research.

"In the early days, we would have homework centers for students, with parent involvement. We would hold workshops to teach parents how to help with homework," Layne said. "That was an eye-opening experience. Many of the parents hadn't finished high school themselves." The homework center was part of an after-school program with Plumley Village's Homework Center, with students transported two days a week to UMass Chan's Queen Street laboratory.

Layne saw other ways to empower parents as well as students. At the Grafton Street Elementary School, we would do a unit on the heart. We would train parents how to dissect a heart." Layne said, "I would say, 'Why don't we have some of the parents do it?' They looked at me like I had three heads."

Layne would drive to a farm in Charlton, to procure the fresh hearts of cows and pigs rather than use animal hearts sitting in formaldehyde, the fluid commonly used for preserving organs and specimens for scientific research. "We'd bring them back to the lab, clean and wash them. Everybody had gloves on, and the parents would lead the discussion in the class. It empowered the parents. It would empower the children to see their mothers and fathers leading the classroom, and it surprised the teachers. So it changed the dynamics of what was going on in the class."

During the academic year, Layne said UMass Chan collaborates with Massachusetts Life Sciences Center, in which students can work and be paid in a laboratory setting. "They are one week in the field and one week in school," he said.

*"I learn something new everyday...
I learned personally not to judge,
because you don't know what they
are going through."
Robert Layne*

Layne grew up in Cambridge and attended Boston University. "I've always had an interest in children and families," said Layne. Early in his career, Layne worked with children who at the time were labeled "emotionally disturbed," who may struggle with anxiety, depression, behavioral issues, learning disabilities. "When you are young and you are in college, you think you can save the world," said Layne, who said he did have success building trust with many young people and their families.

Robert E. Layne earned his bachelor's in education from Boston University, and master's in education from Boston College.

When Layne looks to the future, he sees a growing need for professionals in medicine and health care to address the needs of a changing population, including one in which people of color will represent the majority. "If my physician comes from my background, he will know what I've been through. He has grown up in my community. That is the whole goal of this," Layne said.

Having more people of color in medicine and healthcare can also help to address health disparities, said Layne. "Prostate cancer, diabetes, heart disease are all higher in communities of color than in the general population," Layne said. "That is addressing social determinants of health: where you live, how you live. Do you live in ... a food desert, where you can't get healthy food? Do you have money to take a taxi or an Uber to the doctor appointment? Our goal is to have many students who looks like go into those careers, to alleviate some of those social determinants of health."

Teaching also means learning. "I learn something new every day ... I learned personally not to judge, because you don't know what they are going through." Layne recalled a student and laboratory program participant. "He was a good student, but he came from a family with some serious issues and I often wondered what happened to him."

One day, about seven years ago, while dropping his son off at a laundromat, Layne saw the young man hanging out with some friends. "I looked at him and beckoned him to come, and of course, all his boys came with him." The young man assured his friends: "He's cool, man, he's cool." When Layne asked where he'd gone, the young man said, his family had moved from the area, but he chose to stay, living for a time with the parents of a friend. He attended Quinsigamond Community College and then Worcester State. Although he didn't finish, he was working as a laboratory technician.

He described his friends as his family, who let him stay in their homes and have dinner. "You can't always judge folks on what you see or what you think you see," Layne said. "These 'thugs,' they gave him a place to sleep, a place to eat. You learn new things every day."

What Are The Best Joint Supplements For Dogs?



Dana Scott

May 31, 2024

You might assume that you don't need joint supplements for dogs. But did you know that 25% of dogs suffer from arthritis?

And arthritis isn't just an issue for older dogs ... a study found that 20% of dogs over one year old have osteoarthritis, and this figure is likely underestimated.

That's why it's never too early to start thinking about your dog's joint health and natural joint supplements. But before we reveal the best ones, let's get clear on what exactly causes joint problems in dogs.

Best Natural Joint Supplements For Dogs

There are many excellent natural supplements that can help support joint health and help maintain a normal inflammatory response in dogs. These supplements can play a crucial role in maintaining joint mobility, and improving the overall quality of life for your canine companion.

Natural joint supplements are often packed with beneficial compounds that work synergistically to nourish and protect your dog's joints without the side effects associated with conventional medications.

However, when selecting a joint supplement, it's

important to consider ingredients that not only alleviate symptoms but also support long-term joint health. Look for supplements that promote cartilage development and joint health, and provide high quality nutrients. Incorporating these natural options into your dog's routine can help manage existing issues and potentially prevent future problems.

Here are our top choices if you're looking for the best joint supplements for dogs:

Astaxanthin

Astaxanthin, a powerful antioxidant found in certain algae, helps support healthy bones and joints while also supporting overall cellular health. It's a great choice for promoting cartilage development and joint health.

Giving Your Dog Astaxanthin: Follow the dosage instructions on the supplement. For human supplements, adjust the dose for your dog's weight (1 mg to 1.6 mg per 20 lbs of body weight daily).

Chondroitin

Chondroitin is a crucial component of cartilage, helping to inhibit enzymes that break down cartilage and supporting its repair and hydration.

Often paired with glucosamine, chondroitin provides connective tissue support by improving shock absorption and protecting existing cartilage.

Giving Your Dog Chondroitin: Look for freeze-dried powders. Adjust the human dosage for your dog's weight, and consider bone broth as a natural source of chondroitin.

You can also see chondroitin suppliers approved by the national animal supplement council

(NASC) by [clicking here](#).

Green Lipped Mussel (GLM)

Green lipped mussels are popular joint supplements for a reason. They're from New Zealand and rich in natural glucosamine, which supports healthy joints and can promote a normal inflammatory response. Unlike synthetic glucosamine, GLM is more bioavailable, meaning your dog can absorb the active ingredients and use it more effectively. Studies have shown that GLM can support healthy mobility in many dogs, making it as effective as prescription products without the harmful side effects. GLM also contains essential fatty acids EPA and DHA, which help may help relieve discomfort associated with normal daily exercise and activity

Giving Your Dog GLM: Ensure the supplement contains at least 6% fatty acids and is cold-extracted to preserve nutrients. Dosage: 200 mg per day for every 10 lbs of body weight.

Natural Eggshell Membrane (NEM)

NEM is derived from the thin membrane inside eggshells and is a powerful joint support substance. It's rich in collagen, glucosamine, chondroitin, and hyaluronic acid. Studies in humans and dogs have shown that NEM supports healthy joints and flexibility and supports normal joint and connective tissue.

Giving Your Dog NEM: Ensure the product has the NEM® trademark. Dosage: 60 mg per 10 lbs of body weight per day.

Turmeric

Turmeric a plant in the ginger family, is well-known to help maintain a normal inflammatory

response.

Giving Your Dog Turmeric: Add 1/8 to 1/4 tsp per day per 10 lbs of body weight to your dog's food. Use organic turmeric for the best results.

CBD Oil

CBD oil from the cannabis plant is another potent supplement that can help support a normal inflammatory response. It does this by interacting with the body's endocannabinoid system.

Giving Your Dog CBD: Use a full-spectrum CBD oil and follow the manufacturer's dosing instructions, starting at the lower end and gradually increasing until you find the right dose for your dog. Typically, a 500 mg or 1000 mg strength oil is recommended.

Poria Mushrooms

Poria mushrooms have been used in traditional Chinese medicine for centuries and are known for enhancing the immune response. They can also help support a normal inflammatory response and aid in maintaining joint mobility.

Giving Your Dog Poria Mushrooms: Look for supplements specifically formulated for dogs, and follow the dosage instructions provided. Typically, the dosage is based on your dog's weight, so adjust accordingly to ensure optimal benefits.

Collagen

Collagen is a major structural protein in connective tissues, including joints. It supports the strength and elasticity of cartilage, helping to maintain joint health and flexibility. Collagen supplements can be beneficial for supporting normal joint and connective tissue.

Giving Your Dog Collagen: Opt for powdered

collagen supplements. Mix the collagen powder into your dog's food according to the dosage instructions, usually around 1 gram per 10 lbs of body weight per day.

Cat's Claw

Cat's Claw is an herbal supplement derived from a vine native to the Amazon rainforest. It is known for its antioxidant properties and its ability to support a normal inflammatory response, which is essential for maintaining joint health.

Giving Your Dog Cat's Claw: Ensure you use a product formulated for pets. The dosage is typically based on your dog's weight, with common recommendations being 1-2 mg per pound of body weight per day. Always start with a lower dose and gradually increase as needed.

How To Ease Your Dog's Joint Pain

Aside from the foods and supplements mentioned above, there are also some lifestyle changes you can make to help ease your dog's joint pain:

Switch To A Raw Diet

Processed foods can contribute to inflammation due to advanced glycation end (AGE) products formed during manufacturing. A fresh, whole-food diet reduces these inflammatory agents and supports overall joint health. Foods rich in antioxidants combat oxidative stress and inflammation.

Maintain A Healthy Weight

Extra weight puts unnecessary strain on your dog's joints, exacerbating pain and inflammation. Keeping your dog at a healthy weight alleviates pressure on the joints and promotes better mobility.

Regular Exercise

Consistent, moderate exercise helps tone the

muscles around the joints, providing better support and maintaining joint fluid viscosity. Short, frequent walks or swimming can be particularly beneficial for dogs with joint pain.

Final Thoughts

If joint discomfort is hindering your dog's quality of life, it's time to explore natural joint supplements. These popular supplements, along with dietary and lifestyle changes, can provide effective relief and support your dog's joint health.

By focusing on natural third-party tested supplements, you can help your dog live a more comfortable and active life.

FAQ

What is the best vet recommended joint supplement for dogs? The best vet-recommended joint supplement for dogs often includes a combination of glucosamine and chondroitin, which are known for their effectiveness in supporting joint health.

Do any joint supplements really work for dogs? Yes, many joint supplements are effective for dogs, especially those containing ingredients like glucosamine, NEM, green lipped mussels, chondroitin, and collagen.

How do I know if my dog needs a joint supplement? You might need to consider a joint supplement for your dog if you notice signs of joint pain or stiffness, such as difficulty getting up, reluctance to jump or climb stairs, or decreased activity levels. Consulting with your veterinarian about pain relief can help determine the appropriate dosage and best dog supplements based on veterinary medicine and your dog's condition.