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BVKC Meetings: Next General Meeting: Aug 1, 2016 @ 7pm Board Meeting: Aug 29, 2016 @ 7pm Dinner/Social time: 6:30pm Meetings begin at 7pm

Buckhorn Valley Kennel Club August 2016

VOLUME 5, ISSUE 8

Our General Meeting is NEXT MONDAY, August 1st!

AUGUST 2016

Our Guest Speaker will be

Dr. Kathleen Cooney

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> Please visit our website www.bvkc.org

AKC/BVKC News ~



<u>http://</u> <u>www.akc.org/</u> <u>news/sections/</u> <u>legisla-</u> <u>tive_alerts.cfm</u>

<u>Member:</u>



AKC Canine Health Foundation Awards New Grants to Improve Diagnostics for Tick-Borne Diseases in Dogs

RALEIGH, N.C. (July 25, 2016) – The AKC Canine Health Foundation (CHF), a nonprofit organization whose mission is to prevent, treat and cure diseases in all dogs, announces a second round of new grants awarded through its Tick-Borne Disease Initiative. This comprehensive Initiative addresses important health concerns that include Lyme disease, bartonellosis, and ehrlichiosis, through much-needed research in diagnostics, disease pathogenesis and prevalence.

Edward B. Breitschwerdt, DVM, DACVIM, of North Carolina State University, will study "Enhanced Testing for the Diagnosis of Bartonellosis in Dogs." Bartonellosis is a potentially life-threatening zoonotic disease distributed throughout the world by approximately ten different *Bartonella* bacteria species. *Bartonella*bacteria are transmitted to dogs and humans by ticks, fleas, lice, mites, and sand flies. Due to a lack of sensitive and reliable diagnostic tests, definitive diagnosis of bartonellosis in dogs remains a significant problem. Because these bacteria invade cells and infect tissues throughout the body, this chronic intracellular infection is difficult to cure with currently used antibiotic regimens. Dr. Breitschwerdt and his team aim to develop improved blood tests for bartonellosis in dogs that can also be used for world -wide sero-epidemiological prevalence studies, and to establish early and accurate diagnosis.

Pedro Paul Diniz, DVM, PhD, of Western University of Health Sciences, will study "Broad-Range Detection of Canine Tick-Borne Disease and Improved Diagnostics Using Next-Generation Sequencing." Currently available tests for vector-borne diseases in dogs rely on previously known DNA sequences of each pathogen, with little room for detecting new or emerging organisms. This results in false negatives for tick-borne diseases, leaving veterinarians and dog owners frustrated by a lack of definitive diagnosis. Using an innovative approach, Dr. Diniz and team will employ next-generation sequencing (NGS) to overcome the limitations of current diagnostic technology. Testing samples from dogs naturally exposed to tick-borne diseases, NGS will detect not only new organisms but also characterize genetic differences among known organisms. The resulting dataset of a large number of DNA sequences of known tick-borne organisms and previously undetected organisms in naturally-infected dogs will support the development of diagnostic tools to simultaneously advance canine and human health.

In addition to these two new grants, earlier this year the AKC Canine Health Foundation awarded three grants through its Tick-Borne Disease Initiative. The three grants address Lyme disease, vector-borne disease testing for canine blood donors, and ehrlichiosis.

Funding for CHF grants comes from a number of sources, including: corporations, dog clubs, and individuals who are committed to the betterment of canine health through scientific research. During 2016, all donations to the Tick-Borne Disease Initiative are being matched dollar-for-dollar by the American Kennel Club (up to

AKC/BVKC News ~







Presents:

Annual Summer B/OB Match & FIRST EVER Barn Hunt Trial August, 13th Fickel Park, Berthoud, CO

Conformation Registration 7-8:30, judging starts at 9 am Judges TBD *Pre Entry: \$7, DOS: \$8

Obedience: Registration 7-8, judging starts at 8:30 am Judge TBD Pre Entry: \$7, DOS: \$8 Novice, Open, and Utility offered (which includes BN ~ Great opportunity to practice!) ALL Junior Entries are FREE! Visit BVKC. org for all Pre Entries

Barn Hunt Trial: All proceeds benefit Colorado Junior Handlers through BVKC's scholarship program See link for Premium list:

http://www.coloradobarnhunt.org/docs/BarnHunt081316.pdf

Directions: Fickel Park is located at 620 Mountain Ave. Berthoud, Co. 80513 Exit 125 to Hwy 56 (exit 250) west to Berthoud. Proceed thru the round-about, the Park is on the Right. OR Hwy 287 to Hwy 56 (N. of Longmont & S. of Loveland) proceed east to the park on your left.

AKC News/Public Education

Recipes for Long Life ~ How to Feed the Senior Dog

| A KC FA M I LY DO G DI G I TA L E DI TI O N • JULY / AUG US T 2 0 1 6 by Caroline Coile, Ph.D.





Beautiful Clipper is 11 years old this month! ~Jerabee Golden Gait Eclipse RE CGC ~ Katherine Baumann

Every dog, and especially every senior, is different when it comes to nutrition. Sometimes longevity is simply a matter of good care, good genes, and good luck. But there are some basics that nonetheless apply to all.

We lost two sisters, Sissy and Hypatia, within a week of each other at 151/2 years. Hypatia was about the same cherubic weight she'd been her entire life. She still had a good appetite and was as creatively mischievous as she was as a puppy. She died of a sudden intractable seizure. Sissy had been on a downhill slide for the past year, losing her appetite and weight and muscle mass, as well as her cognitive spryness. The self-appointed protector of her entire litter, she seemed to give up once her last charge was gone and quit eating altogether. Hypatia was the little old lady you see in the movies, dancing and cursing; Sissy was the one you see in the old folks home, slipping away. At the time, no diets were available that might have helped with Sissy's cognitive decline. By now, products have been developed that we would have tried. But as it was, the sisters were offered the same diet (Sissy's was heavily supplemented with "people food" and whatever else we could get her to eat). And that's the number-one rule about senior nutrition: It doesn't matter what's in the bowl if the dog won't eat it. The best food is the one your senior will actually eat, even if the label isn't perfect. Still, there are some things to consider:

CALORIES The weight difference between the two sisters highlights one of several feeding quandaries associated with older dogs: Do they need more, or fewer, calories? Well, just try squeezing yourself into that honeymoon bikini, and let's hear how that pizza and doughnut diet is working for you. The same is true of our dogs. It's not necessarily that we (and our dogs) get lazy as we age. Changes in metabolic rate cause fewer calories to be burned, and more to be stored as fat. A recent study showed that mature dogs require 20 percent fewer calories in order to maintain the same weight as younger ones. Dogs entering old age may benefit from eating a food with less fat and fewer calories. Research also suggests that L-carnitine, a vitamin-like compound made from amino acids found in red meats, fish, chicken, and milk, may help divert fat into cellular mitochondria where it is turned into energy. But it's not that simple. As dogs progress from old to very old, they tend to stop gaining weight and instead start losing weight, actually requiring more calories. In those cases, they often have a decreased appetite, possibly related to a decreased sense of smell or taste, and may even have difficulty chewing or swallowing. Increasing the fat content can increase palatability and calorie content, and may improve protein efficiency.

AKC News/Public Education

A KC FA M I LY DO G DI G I TA L E DI TI O N • JULY / AUG US T 2 0 1 6 (Continued)

MBIS INT/AKC GCH LoreIn's Brecon of Cymru (Age 10.5) Sandy Edwards-Zickrick



PROTEIN Increasing protein will help maintain muscle. But isn't protein bad for old dogs because it overtaxes the kidneys? No—that myth began with rodent research from the 1940s. Dogs evolved to eat more meat and protein than rats, and subsequent studies have debunked the idea that protein is bad for old dogs and confirmed that protein does not adversely affect the kidneys. In fact, there's evidence these days that suggests old dogs need more protein. A study comparing 2-year-old Beagles to 13-year-old Beagles found that the senior dogs needed at least 50 percent more dietary protein. Protein is important for older dogs. Even with exercise, older dogs tend to lose muscle mass, which means losses in protein reserves. Losses in muscle tissue and protein reserves may impair the immune system and decrease the body's ability to respond to physical trauma, infectious agents, or stress. Loss of protein reserves also means the body may not have enough amino acids for tissue repair and energy metabolism. Senior diets should have increased protein-to-calorie ratio, with at least 25 percent of calories from protein.

FIBER Some senior diets may have added levels of fiber, usually along with fewer calories as a way to help the dog lose weight. But remember, very old dogs probably don't need to lose weight. In addition, fiber may also decrease the intake of some essential nutrients. Cellulose-based fibers are poorly fermentable and can significantly decrease the digestibility of other nutrients in the food. Fiber has its uses, however. It can help alleviate constipation, which can be a problem in older dogs. It can also provide glucose regulation, which may be altered in older dogs. Although cellulose-based fibers are traditionally used in dog foods, recent findings suggest that moderately fermentable fiber blends, such as beet pulp, may provide better glucose regulation and nutrient digestion. And no, beet pulp doesn't cause bloat or contain sugar, as some pulp fiction claims.

MINERALS As we age, we are told we should get rid of the salt. That's only partially true for dogs. People tend to consume higher sodium levels than dogs and to suffer from high blood pressure more often. Most commercial dog foods supply more sodium than dogs need, but dogs, like people, prefer some sodium in the diet. Still, dogs with hypertension, heart problems, and kidney problems usually need a low-sodium diet. Not only is excess sodium bad for these conditions, but the conditions may also make it difficult to excrete excess sodium in the diet. Decreasing, not eliminating, sodium is usually a good idea for any senior as long as the dog will still eat. Unlike people, most dogs don't seem to suffer from osteoporosis, so senior dogs eating a commercial diet usually do not need calcium supplementation. Old dogs are more prone to dehydration, often because of health problems such as kidney disease that cause them to urinate more frequently, or because they're taking medications such as diuretics for heart disease. Make sure the water is fresh, cool, and readily available. In the end, it comes down to both quantity and quality of life. Never forget that while dogs must eat to live, many also live to eat, and sometimes we must make compromises.

Public Education~ Interesting Article

Prevalence and heritability of distichiasis in the English Cocker Spaniel

Canine Genetics and Epidemiology2015

Tanja Petersen, Helle Friis Proschowsky, Tommy Hardon, Søren Nyhuus Rasch and Merete Fredholm

Canine distichiasis is a well-known cause of ocular irritation and excessive lacrimation (secretion of tears) in the dog. The term distichiasis originates from the Greek words *di* and *stichos* meaning two and rows, respectively, and as the name implies, the condition is characterized by an additional row of cilia, which erupts on the eyelid margin. Many purebred dogs are known to be predisposed to the condition, with many affected individuals within the populations. Even though the problem is wide-spread, the exact mode of inheritance and the heredity has not been studied extensively. However, some degree of genetic influence has been assumed, due to the high incidences within specific breeds. In the present study we have examined a cohort of English Cocker spaniels in Denmark to determine the prevalence and heritability of the disease.

Results

Data from English Cocker spaniels with an ECVO eye examination registered between 2004–2013 were included in the study. The number of dogs examined during this period was 799, and the prevalence of distichiasis within this cohort was estimated at 49.31 % with a gender predisposition that females are more likely to get distichiasis than males. The correlation between the distichiasis status of the parents and their offspring revealed a significant association between the breeding combination of the parents and the occurrence of distichiasis in the offspring (p < 0.0001). A relative risk (RR) ranging from 1.3 to 1.8 demonstrates that offspring of two affected parents are more likely to be affected than offspring descending from either one or two unaffected parents. The heritability was estimated to be moderate to high, i.e., 0.22 to 0.51.

Conclusions

The prevalence of distichiasis in English Cocker spaniels from Denmark, examined in 2004–2013 was shown to be extremely high. The relative risk of developing the disease was 1.3 and 1.8 for offspring of one or two affected parents respectively. This together with the moderate to high heritability of the condition indicates that selective breeding could be used to reduce the incidence of distichiasis.

Nearby Events

- 8/5 8/7 AKC AG CO Durango KC; Joe Rowell Park; Dolores O Kelly Misegadis; 719-596-7115
- 8/5 8/7 AKC AG UT Salty Dog Agility Club; Legacy Arena; Farmington I Suzanne Belger 208-542-6552
- * 8/6 8/7 ASCA OB/R CO Colorado Australian Shepherd Association (CASA); Latigo Trails; Elbert Geri Scheidt; 303-243-0833
- * 8/5 8/7 USDAA AG WY Front Range Agility Club (FRAC); Hansen Arena; Laramie I Shelley Fugett; 303-678-7497
- * 8/6 8/7 NADAC AG WY Agility Club of Central WY; Central Wyoming FG; Casper I Vicki Smith 307-262-5328
- * 8/7 8/7 Match B/OB/R CO Colorado KC (CKC); Adams CFG; Brighton I Mary DeLisa; 720-529-1954
- 8/13 AKC Match B/OB/Barn Hunt Trial ~ Buckhorn Valley Kennel Club Fickle Park, Bethoud, CO | Bailey Bremner | baileybremner@gmail.com
- * 8/13 8/14 AKC AG CO Mile High Agility Club (MHAC); Schaefer Sports Complex; Denver I Kelly Misegadis; 719-596-7115
- * 8/13 8/14 AKC Herding CO Pikes Peak Herding Assoc.; Halcyon Station; Elizabeth O Susie deKieffer; 303-646-0667
- 8/13 8/14 DOCNA AG CO Front Range Agility Team (FRAT); Dekoevend Park; Centennial O Michele Janowiak; 303-670-5767
- * 8/18 8/19 AKC OB/R CO Rocky Mt. Belgian Tervuren Club / Irish ??? Club; Island Grove Park; All Breed Deb Ascher; 970-532-3124
- * 8/20 8/21 AKC B/OB/R CO Greeley KC; Island Grove Park; Greeley I/O Onofrio Dog Shows; 405-427-8181
- * 8/26 8/28 AKC AG CO Rocky Mountain All Terrier Club (RMATC); Schaefer Sports Complex; Denver I Deb Ascher; 970-532-3124
- * 8/26 8/29 NADAC AG CO Durango Agility Dogs; Stevens Park; Bayfield O Cindy Shelton; 970-529-0033
- * 8/27 8/28 UKI AG CO Friendship Academy; Peyton O Katrina Scott; 719-505-8555

Show Committee ~

The next Show Committee will be August 13th immediately following the BVKC Match at Fickle Park, Berthoud. Summer is rolling on, and so is the job getting lists checked, and final drafts for the Premium. Contact Vicki with any questions ;) Vicki Harris: imagedobes@gmail.com



Tracking Committee ~

We have some GREAT NEWS to share from our last VST!

Variable Surface Tracking June 12, 2016. New VST and Champion Tracker:



Judges: Mrs. C A Pernicka & M Azevedo Tracjlayer: Jane Marino Halvorsen's Cleo CD TDX CGC All American Dog, Mia HALVORSEN, owner

If you would like to know about Tracking, please contact: Carol Pernicka: cpernick23@gmail.com

BVKC Committee Reports

Herding Committee ~

For More Information:
Val Manning ~
TerraNorte@aol.com
970-568-7708



Health Committee ~

STAY TUNED!!!

Nothing to report at this time, except that we will be hosting our Breeder's Symposium in early 2017.

Attention Juniors! ~

We have some exciting news for the Junior Competitors in our area! Bailey is busy creating an entire program for the Juniors in our area.

At our annual show this year in October, we will feature a couple Special Events just for Juniors. We will also be offering for the very first time, the NEW AKC Peewee Class for youngsters between the ages of 5-9! If you would like to ask her any questions...

Bailey Bremner: baileybremner@gmail.com



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970-800-3967	(Loveland ~ 2400 N. Lincoln Ave)
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Info Board



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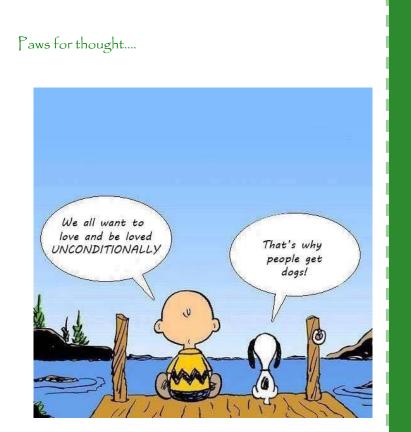


sandy.mtnmistspaniels@gmail.com

From the Editor ~ Sandy Edwards-Zickrick

Hi Friends,

I hope to see you at our Match and Barn Hunt, August 13th!! It should be a lot of fun Whether you are in Puppies, Adults, Champion Exhibition, Obedience, or checking out the Barn Hunt it will be a great day in the beautiful Fickle Park and the luxurious shade that the mature Park area offers. Blessings, Sandy



BVKC Officers for 2016

President: Anita Eley | eleyanita@gmail.com Vice President: Jan Baynton | Maclen3c@yahoo.com Secretary: Lynn Peterson | petersonlynn@comcast.net Treasurer: Val Manning | terranorte@aol.com

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BVKC ~ Where we love to talk about dog events of ALL types! So please join us ;)