

RGVGRC News

May/June 2013



Debbie Claussen



Trophy Table

Another Successful Specialty—May 10, 2013

Judges—Debbie Claussen & Lynn Peterson

Thanks to our Club Members for all their hard work!!



Lynn Peterson



We made \$433—Raffle/Flowers. WOW!



HAPPY BIRTHDAY

May Birthdays

Jane Sageser—May 4th

“Bling” Bloom—May 7th

“Links” Bloom—May 7th

“Rhett” Chappelle—May 7th

Barbara Mitchell—May 18th

“Bayou Sagesar—May 20th

June Birthdays

“Penney” Nichols—June 13th

“Buster” Wilson—June 19th

Happy Birthday to All of You!!!!

*This study was funded jointly by the Golden Retriever Foundation
and the AKC Canine Health Foundation*

Golden Retriever study suggests neutering affects dog health

Neutering, and the age at which a dog is neutered, may affect the animal's risk for developing certain cancers and joint diseases, according to a new study of Golden Retrievers by a team of researchers at the University of California, Davis.

The study, which examined the health records of 759 Golden Retrievers, found a surprising doubling of hip dysplasia among male dogs neutered before one year of age. This and other results were published February 13 in the online scientific journal *PLOS ONE*.

"The study results indicate that dog owners and service-dog trainers should carefully consider when to have their male or female dogs neutered," said lead investigator Benjamin Hart, a distinguished professor emeritus in the UC Davis School of Veterinary Medicine.

"It is important to remember, however, that because different dog breeds have different vulnerabilities to various diseases, the effects of early and late neutering also may vary

from breed to breed," he said.

While results of the new study are revealing, Hart said the relationship between neutering and disease-risk remains a complex issue. For example, the increased incidence of joint diseases among early-neutered dogs is likely a combination of the effect of neutering on the young dog's growth plates as well as the increase in weight on the joints that is commonly seen in neutered dogs.

Dog owners in the United States are overwhelmingly choosing to neuter their dogs, in large part to prevent pet overpopulation or avoid unwanted behaviors. In the U.S., surgical neutering — known as spaying in females — is usually done when the dog is less than one year old.

In Europe, however, neutering is generally avoided by owners and trainers and not promoted by animal health authorities, Hart said.

During the past decade, some studies have indicated that

Study Suggests Neutering Affects Dog Health, *continued from previous page*

neutering can have several adverse health effects for certain dog breeds. Those studies examined individual diseases using data drawn from one breed or pooled from several breeds.

Against that backdrop, Hart and colleagues launched their study, using a single hospital database. The study was designed to examine the effects of neutering on the risks of several diseases in the same breed, distinguishing between males and females and between early or late neutering and non-neutering.

The researchers chose to focus on the Golden Retriever because it is one of the most popular breeds in the U.S. and Europe and is vulnerable to various cancers and joint disorders. The breed also is favored for work as a service dog.

The research team reviewed the records of female and male Golden Retrievers, ranging in age from 1 to 8 years, that had been examined at UC Davis' William R. Pritchard Veterinary Medical Teaching Hospital for two joint disorders and three cancers: hip dysplasia, cranial cruciate ligament tear, lymphosarcoma, hemangiosarcoma and mast cell tumor. The dogs were classified as intact (not neutered), neutered early (before 12 months age), or neutered late (at or after 12 months age).

Joint disorders and cancers are of particular interest because neutering removes the male dog's testes and the female's ovaries, interrupting production of certain hormones that play key roles in important body processes such as closure of bone growth plates, and regulation of the estrous cycle in female dogs.

The study revealed that, for all five diseases analyzed, the disease rates were significantly higher in both males and females that were neutered either early or late compared with intact (non-neutered) dogs.

Specifically, early neutering was associated with an increase in the occurrence of hip dysplasia, cranial cruciate ligament tear and lymphosarcoma in males and of cranial cruciate ligament tear in females. Late neutering was associated with the subsequent occurrence of mast cell tumors and hemangiosarcoma in females.

In most areas, the findings of this study were consistent with earlier studies, suggesting similar increases in disease risks. The new study, however, was the first to specifically report an increased risk of late neutering for mast cell tumors and hemangiosarcoma.

Furthermore, the new study showed a surprising 100 percent increase, or doubling, of the incidence of hip dysplasia among early-neutered males. Earlier studies had reported a 17 percent increase among all neutered dogs compared to all non-neutered dogs, indicating the importance of the new study in making gender and age-of-neutering comparisons.

Other researchers on this UC Davis study were: Gretel Torres de la Riva, Thomas Farver and Lynette Hart, School of Veterinary Medicine; Anita Oberbauer, Department of Animal Science; Locksley Messam, Department of Public Health Sciences; and Neil Willits, Department of Statistics.

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Meet the Breed

May 11, 2013

Thank you to all who came out to work the booth.



Dianne & Rhett are working it...



Links & Don are looking good!



Gin, Rhett & Dianne working the booth.



Kate, Bling, Lynn, Skyler, Don & Links

