



Dog Sense

Job 12: 7&10 "But ask the animals, and they will teach you, ...In His hand is the life of every creatures."

Canine Seizure Assist Society of North Carolina News

From The Executive Director

I would like to thank all of our Board Members for everything they did throughout 2005. I can't begin to thank Teresa Briggs and Shelly Uhlott, our trainers, for all of their volunteered time training dogs and assisting with fund raisers. These two ladies are very special to us and to the people for whom they train. If it were not for the two of them, CSAS would have had to close its doors when I became unable to train. I do not have the space to list all of the friends of CSAS who have helped so much raising money to keep us going. Each of you, please know that you are very much appreciated by all of us.

The year 2006 is a very exciting time for the Canine Seizure Assist Society of North Carolina, Inc. We begin our tenth year of service this month. When you consider that, when we began this organization, seizure assist dogs were almost unheard of in the U.S.; and the scientific community did not feel that dogs could help people with epilepsy, we have come a long, long way. It is my genuine hope that we can continue to grow in our knowledge of seizure assist dogs and provide training for many, many years to come.

A special thank you is extended to Shane Clark for designing our website and to David and Mike Stanford for providing everything necessary to accept credit cards on-line.

I look forward to keeping all of you apprised on the happenings of CSAS throughout 2006.

Sharon Hermansen



Naomi's New Morning

In November, Naomi Judd began a new talk show titled "Naomi's New Morning". On December 13, Cyrano (our very special giant schnauzer), his human, and I flew to New York City to film a segment of Naomi's program. It was a wonderful experience and a terrific opportunity



Naomi Judd



Cyrano

to talk about how much dogs help people with epilepsy. The show will air on Sunday, January 15, 2006 at 10:00 A.M. on the Hallmark Channel.

If you or someone you know could benefit from the help of a seizure assist dog and you are interested in obtaining an application or more information, please contact us at:

Canine Seizure Assist Society of North Carolina, Inc.
369 Cedar Street
Mooresville, NC 28115
(704) 663-1427
csasnc@worldnet.att.net



VISIT OUR NEW WEBSITE AT
epilepsyservicedogs.org

The Lake Norman Pet Pantry

Lake Norman Pet Pantry has "adopted" Henry, a four month-old lab mix. We want to thank them very much for being the first to join our Adopt-A-Dog program.

The Lake Norman Pet Pantry provides the following services to their customers:

"We bring our quality foods directly to your home."

"Convenience - Through our bin system and efficient reordering process, all you do is call when low, place the bin out and we replenish your food. "



"Competitive Prices - Even though our foods are Natural, premium quality, our price-per-pound is lower than most comparable brands. And, as compared to brands containing by-products and less quality ingredients, we are very competitive on a cost-per-feeding basis."

"Quality Food - Pet Pantry pet foods are one of the finest products available in the United States. Our customers see improvements in their pets' coat and overall vitality. Naturally, our ingredients are of the finest and freshest quality."

"Satisfaction Guaranteed - If you are not completely satisfied with our foods, we will refund your money."

Visit the Peavler's website at thepetpantry.com or call 704-655-9696.



**2
0
0
5
D
O
N
O
R
S**

GIANT

Ken & Jan Milnes
Jim McGuffin
Belk's of Mooresville

LARGE

Timothy & Linda Maldonado
Dr. William & Judith Bell
Greg Biffel Foundation
The Lake Norman Pet Pantry
Jim & Patricia Yeaman
Mary Collins
Dr. Randall & Barabara Williams
Robert Neumann
Chuck Howard
Bill & Penny Harpootlian
WC & Karen Harpootlian
Gary Freed
Drs. Stephen & Amy Ferguson
Don & Sharon Hermansen

MEDIUM

Dr. Danielle Rose

Dr. Daniel C. Dillon

Jeff & Crystal Humble

Donna Gerrard

Walter & Sherry Reed

Ellen Fille

Jerry & Judy Pruitt

Steven & Rosetta Smith

SMALL

Len & Connie Tucker

Nettie Hermansen

David & Danyse Kingsbery

Katherine Cook

Carol Gray

Boyd & Becky McGee

Mr. & Mrs. James Coleman

MINIATURE

Alice Oakley

TOY

David & Denise Little



Dr. David Says

by David DeQuick, DVM - Lakewood Animal Hospital

Recognition and Management of Osteoarthritis Pain in Animals

Thanks to advanced medical care, technology, and pets' changing status as members of the family, companion animals are leading longer lives. Unfortunately, the growing senior pet population means more animals suffer from chronic pain. This pain can be derived from neoplasia, neurologic conditions, myopathies, or chronic inflammatory conditions, especially osteoarthritis (OA), which is the leading cause of chronic pain in pets.

Variable responses among species to pain and distress make recognition of the problem difficult. Pain is considered to be universally protective in nature and part of the flight and fright mechanism. Unfortunately, pets can't tell their owner where they hurt or tell if the problem corresponds to pain or is one of anxiety or fear. If you see signs of discomfort, stiffness, or lameness, your pet is probably in pain. Dogs display a wide variety of responses to pain. They may be violent and vocalize or quite, withdrawn, and inactive. They may be aggressive when approached, as they try to protect themselves from further pain, or they may be subdued to withdrawn. They may lick at the affected area or even lay their ears flat against their head.

A key to recognizing pain is present in your pet is to look for a change of behavior. Osteoarthritis (OA) is a chronic condition that progressively manifests itself over time. Pain, stiffness and lameness increase as the condition worsens. Behavioral changes such as decreased activity; reluctance to run, jump, climb stairs, or play; limping; difficulty rising, sitting, or squatting to eliminate; lagging behind on walks; soreness when touched; yelping or whimpering; loss of appetite; and acting aggressively or withdrawn are classic signs of worsening OA. Since signs of pain are often subtle and can be confused with a perception of "old age", it requires astute observation of your pet to pick up on these changes.

Approximately 20% of all adult dogs suffer with progressive OA. Controlling chronic pain involves pharmacologic, physical, environmental, and behavioral

management. Providing pain relief via drug therapy is an important means of control. Environmental and behavioral management are important adjuncts to drug therapy. Appropriate patient care includes a comfortable ambient temperature and level of humidity, adequate bedding, satisfactory rest and sleep, compassionate care, and owner visitation provides psychological well-being of the patient, thus enabling the patient to tolerate its painful state better.

There is no cure for OA. It is a chronic disease that requires continuous treatment but early detection and careful management can reduce your pet's pain and improve his quality of life. Pain relief drugs include steroidal drugs; NSAID's are commonly prescribed, specifically, Rimadyl and Deramaxx. These products are found to relieve pain by inhibiting the production of an enzyme called COX-2, thereby blocking a process that creates prostaglandins, the enzymes that are associated with pain and inflammation.

Additional pain relief therapy can be achieved by providing nutritional supplementation to the intricate components of the inner aspects of the joint. The joint capsule absorbs the shock of impact of motion and cartilage prevents the ends of the bones from damaging each other while in motion. The inner synovial membrane shields the joint and contains the synovial fluid, which lubricates and nourishes the joint and forms a barrier to inflammatory cells. Joints rely on healthy synovial fluid to transport the vital nutrients needed by cartilage and other connective tissues. As articular cartilage becomes damaged, it has considerable difficulty repairing itself because it does not receive blood circulation and must rely on the weakened synovial fluid for nourishment. As articular cartilage degeneration progresses, it exposes the bone to friction during movement, which causes inflammation and then pain which leads to decreased mobility. Glucosamine and Glycosaminoglycans (GAGs) like Perna Canaliculus and Sea Algae are nutraceutical (natural NSAID supplement) products which stimulate synovial fluid synthesis and replenish the essential building blocks necessary to maintain a healthy cartilage matrix which aids in preventing joint degradation.

GAGs are chondroprotective agents that help rebuild damaged connective tissues and provide lubricating properties to the synovial fluid. Glucosamine is an



CSAS Board of Directors

Barbara Williams

Chairperson

Stephen Ferguson, M.D.

Vice Chairperson

Lynn Baker

Treasurer

William L. Bell, M.D.

David DeQuick, DVM

Sharon Hermansen

*Founder / Executive Director /
Head Trainer*

Dr. David Continues...integral part of the "glue" that holds tissue cells together and is necessary for production of key tissue components that rejuvenate and maintain articular cartilage. Methylsulfonylmethane (MSM) is a natural dietary sulfur compound which helps to lessen pain associated with inflammation and is added to supplements which are manufactured for preventative care supplements which enhance joint health, strength, energy, and mobility. Creatine Monohydrate, Omega-3 Fatty Acids, Antioxidants (Vitamin E, Lipoic Acid, and Grape Seed Extract), Vitamins and Minerals are also added to these products to help strengthen muscles and tendons and further enhance anti-inflammatory action.

Current therapy for OA has progressed significantly through the past several years which have helped to extend our beloved pets' lives and provide profound pain relief. Reversing the degeneration of the inner joint components and stimulating repair processes provides a better opportunity for the joint to return to normal. This is achieved via a multiplicity of medications as well as weight loss, controlled exercise, nutraceuticals, diet, and adjunct therapy such as acupuncture and chiropractic adjustments to achieve optimal results. This enables our four-legged family members to maintain mobility which leads to more play and tail-wagging even in their senior years.

Canine Seizure Assist Society of North Carolina, Inc.



CSAS

**Canine Seizure Assist Society of North Carolina
369 Cedar Street
Mooreville, NC 28115**