



ALL CREATURES GREAT AND SMALL

An exciting holistic therapy offers a way to treat autoimmune disease in dogs.



Deva Khalsa VMD CVH FBIH has been practicing as a holistic veterinarian since graduating from the University of Pennsylvania in 1981. She is also the founder of Deserving Pets, designing Canine Everyday Essentials, a complete, balanced microencapsulated supplement. Dr Khalsa has developed cutting edge treatments for allergies and cancer and is proud to announce the release of her latest book, "The Allergic Dog, Holistic Solutions to End the Allergy Epidemic in Our Dogs and Cats." Visit Dr Khalsa online at doctordeva.com

Your dog's body is equipped with a variety of defense mechanisms to help prevent the entrance of perceived intruders, like pathogens – and to destroy them if they do enter the tissues.

But what if that intruder is almost impossible to find? Super-tiny pathogens called mycoplasmas – the smallest known microorganisms that self-replicate – elude

the immune system. These amorphous little creatures can change their shapes to appear and disappear at will (sort of like jellyfish), concealing themselves within body tissues and body fluids and becoming very difficult to track down.

Mycoplasma can be spread through insect bites, inhalation and oral ingestion. They're found in ticks, fleas, mites, mosquitoes, spiders, lice and biting flies and all of these can transfer the organism to the host they feed on.

Because they lack a cell wall, they use sterols (like cholesterol) from their hosts to fashion a plasma membrane. Antibiotics that interfere with bacterial cell walls have no effect on mycoplasmas.

MOLECULAR MIMICRY

Mycoplasmas don't carry any antigenic markers that the immune system can recognize and attack. This means that routine blood

tests used to detect disease don't usually reveal them. Additionally, they can reemerge from their hiding places inside cells once the coast is clear.

Sometimes described as parasitic bacteria, mycoplasmas have been known to squeeze through filters used to maintain sterility in hospitals and laboratories, contaminating just about all vaccines.

What makes mycoplasmas particularly pernicious is their ability to move into cells and steal the proteins, fats, and vitamins that the cells need to survive and cannot make themselves.

To conceal themselves in your dog's body, mycoplasmas use a trick known as molecular mimicry. They disguise themselves to resemble the host cells, for instance, by incorporating the cells' surface material into their own jellylike surfaces.

Mycoplasma can damage the host's cell membranes, DNA and RNA and other intracellular organelles. They've been nicknamed the crabgrass of bacteria, because their infections are persistent, difficult to detect, diagnose, and cure.

Being the smallest of all bacteria, 4,000 of them can fit inside one red blood cell in your dog's body (vs 10 to 15 bacteria). They cannot live without a host because they have no protective cell wall. To gain access to what they need from the host's body, mycoplasmas generate inflammation by manipulating the signaling mechanisms of the immune system, called cytokines.

A FACTOR IN AUTOIMMUNE DISEASE

In my clinical experience, the two most common places I find mycoplasmas in our canine population is in the gut of Inflammatory Bowel Disease (IBD) patients and in the joints of dogs with both osteoarthritis and rheumatoid arthritis. Interestingly, 90 percent of people with rheumatoid arthritis test positive for mycoplasma in the synovial fluid. I just took a CE program at the AVMA and one of the speakers said that he put all dogs with autoimmune disease on Doxycycline routinely, because there is usually a stealth bug involved in causing the autoimmune disease.

There are two mycoplasmas that contribute to autoimmune disease in dogs. Autoimmune disease occurs because antibodies

are produced that attack these tiny bacteria along with the body's own cells. That's how the immune system gets tricked into attacking the body's own tissues. Your dog's immune system will try to eliminate the mycoplasmas hiding in his gastrointestinal tract. The immune system will fail to locate the stealth pathogens but, in the attempt, will create inflammatory reactions that cause IBD. In humans, *Mycoplasma pneumoniae* has been found to trigger Guillain-Barré Syndrome because the antibodies formed against them also attach to the outer layers of the body's own nerve cells.

Mycoplasmas are so invasive and ever-present that you might think you could never beat them. Yet, two practitioners in Pennsylvania came up with an energetic treatment that seems to handle the problem easily.

OUTSMARTING MYCOPLASMA

A pair of holistic practitioners in Pennsylvania, Carolyn Jaffe DOM ND and Judith Mellor RN, developed a JMT. This revolutionary technique reprograms the immune system that's attacking the body's tissues in its attempt to rout out the invaders. JMT has established an impressive track record of successfully eliminating the symptoms of osteoarthritis and significantly reducing symptoms that go with Lyme disease, rheumatoid arthritis, IBD and other autoimmune ailments. It was developed for humans. I routinely use this technique with great success on dogs.

These two practitioners started out in the Amish country of Pennsylvania. Many folks who lived there had osteoarthritis. In fact, it was so common it was considered to be inherited. They found that an airborne mycoplasma was causing the osteoarthritis within these families, as mycoplasmas transmit so very easily.

After this innovative therapy, the symptoms were greatly reduced or, in most cases, completely gone.

JMT includes an advanced form of muscle-resistance testing to determine the presence of pathogens; then acupuncture points are activated. All the while, the body is recognizing the energetic resonance of the mycoplasma, resulting in a reprogramming of the immune system to deactivate and neutralize the pathogen. Finally, the damaged tissues are taught to repair themselves. The entire procedure can perhaps best be compared to using virus-scanning software to locate and fix the problem in a malfunctioning computer.

JMT FOR DOGS

The treatments are risk-free, non-invasive and painless, and often bring relief after only one or two sessions. After the pathogen is deactivated in this manner, the damaged tissue will finally begin to heal. I know it may all sound strange and confusing, and perhaps even too good to be true – but I can assure you from personal experience with my patients that it works like a charm!

Mycoplasma can damage the host's cell membranes, DNA and RNA and other intracellular organelles. They've been nicknamed the crab-grass of bacteria, because their infections are persistent, difficult to detect, diagnose, and cure.

I've found it to be one of the most exciting therapies available in the field of holistic medicine, and an appropriate one for treating a wide range of severe illnesses in dogs. After a consultation, I test with an advanced form of muscle resistance testing to find if there is pathogen that is causing the problem. As a dog owner, you can do the treatment right at home. Besides being highly effective in curing allergies and auto-immune disorders, I believe it's also an important tool for recognizing imbalances and preventing ailments that are waiting to strike.

Mycoplasmas survive by stealing the components they need to survive from the host and by then mimicking the host itself. The immune system knows that something is wrong; so in an attempt to find the invader, it destroys the body it has been carefully programmed to protect. Inflammation and, more importantly, autoimmune disease results. The goal of conventional medicine is to suppress the immune system. JMT works by reeducating the body to be able to locate and deactivate the pathogen and normalize the immune response.

FINDING A PRACTITIONER

While I have taken every one of their courses (being the only veterinarian, unless I carted another veterinarian along with me) they aren't teaching anymore. That said, if you google it you will find many human practitioners who may be willing to treat pets. 🐾



Apis mellifica

Honeybee

Apis comes from the venom of the honeybee. It's a complex chemical substance containing several hemolyzing agents, histamine and other components that result in the classic edematous painful swelling caused by a bee sting.

Medicinal use of bee venom dates back to ancient Egypt, as well as Europe and Asia. Hippocrates used the venom to treat arthritis pain. With the resurgence of natural medicine in the 20th century, there was renewed interest in the use of bee venom as a treatment for various diseases. Some research showed promise in slowing multiple sclerosis. Other studies concurred with Hippocrates: bee venom therapy seemed to help some arthritis. Unfortunately, material bee venom can also trigger an anaphylactic reaction and death in sensitive people. This never happens with homeopathic *Apis* – in fact, it can cure anaphylaxis.

Apis mellifica has an affinity for cellular tissue, particularly of the skin, face and eyes. It also has an affinity for serous cavities, such as the pleural cavity (surrounding the lungs in the chest), the peritoneal (abdominal) cavity and the pericardial cavity around the heart. Its affinity also includes the bladder, kidneys and nerves.

If you think of the honeybee and its sting, you can visualize the modalities. An individual with a condition that responds to *Apis* will be better for movement or appear restless (like a bee buzzing around).

The condition or lesion is better for cold applications and cold air (we want to place ice on a bee sting) and worse for hot and applications of heat. The patient feels worse with pressure (think of the pain when you touch a bee sting).

Apis can help many acute conditions in dogs. Sometimes it's literally a lifesaver. Some dogs develop an allergic anaphylactic reaction from vaccines, bug bites, foods, medications or chemicals. Initially their face swells, and soon afterward the throat. Within 15 minutes to an hour they can't breathe and can die. *Apis* 30C every five minutes can cure. As anaphylaxis can be fatal, I recommend also giving an antihistamine, if you have it on hand, and rush to your veterinarian. *Apis* can also cure vaccine triggered diarrhea.

Apis can resolve some acute itchy skin conditions. (Chronic skin allergies that are ongoing for months usually don't respond to the remedy.) The skin is usually red, puffy and hot, similar to a sting. Some examples are insect bites (bees, wasps, spiders) and hot spots. Or you may see a similar lesion post-surgically in a spay incision, for example. In most cases, the dog is restless, thirstless and hot, seeking a cold floor to lie on. Cold compresses will soothe them.

Apis can heal certain types of conjunctivitis. Your dog's eyelids and conjunctivae will appear very swollen and inflamed; the conjunctivae may even protrude (chemo-

sis). You may notice sticky discharge and even corneal ulcers. *Apis* can help with some cases of Keratitis sicca (dry eye), a chronic condition from a lack of tear production. This is a safer treatment than the strong drug your vet would typically prescribe.

Apis can cure acute cystitis (inflammation of the bladder). You may notice your dog making frequent painful attempts to urinate. The dog may be either restless or listless, thirstless and seek cooler places.

I've treated acute kidney failure successfully with *Apis*. The kidneys are large and swollen; the dog is thirstless, produces little urine and seeks cool. The more common chronic kidney disease with its shrunken kidneys and increased thirst and urination, does not respond to *Apis*.

Make sure your homeopathic emergency kit contains *Apis*! 🐾



Marcie Fallek DVM CVA has had a 100 percent holistic practice for the past 20 years, specializing in classical homeopathy. Her upcoming book "Krishna's Flute: the Spiritual journey of a Holistic Veterinarian" chronicles her life journey with the animals to whom she has dedicated her life. Read book excerpts on her website at holisticvet.us

When you want the real thing:
Organic Cotton Beds, Blankets & Mats
Natural Latex Orthopedic Beds & Mats

Visit us online!

SPECIAL OFFER
Use Code DNM10 at checkout
10% OFF
exp 12/31/20

All Natural Dog
allnaturaldogbeds.com