

Efficacy of the use of pulsed signal therapy in dogs with severe osteoarthritis

We have a clinical trial looking at the effects of PST in dogs with arthritis. We are looking for dogs with arthritis and lameness and/or pain. Basically PST www.mtavet.com is a pulsed signal therapy system that is marketed to treat arthritis by "stimulating cartilage growth" We don't know if it works, but it is harmless for sure. We are looking at several things to determine if it is of benefit.

The study itself has 2 groups, a treatment group that gets a 30 minute treatment once a day for 5 days straight (skip weekends) and the control group gets rest for that period. Then we recheck in 6 weeks. If your pet was in the control group, after the 6 week check we do it again and you get the treatment for free.

The treatments usually run \$800-1000 total, we will pay for the associated fees.

We will pay for radiographs to document arthritis and rule out other disease. We will pay for all relevant associated costs.

If interested in more information, contact Kim Knap at knap@illinois.edu