

# Clinical Trial Reveals Effectiveness of ElleVet Products

The pharmacokinetics, safety and clinical efficacy of cannabidiol treatment in Osteoarthritis in Dogs.

## What was the purpose of the ElleVet's clinical trial with Cornell?

The purpose of this trial was to determine if ElleVet's hemp CBD+CBDA product worked for dogs with osteoarthritis and if it was safe. We are an evidence-based company and needed to prove that our particular blend had both efficacy and safety for dogs before we launched our product. The pharmacokinetic part of the study was to accurately determine how the dogs metabolized our product and with this data, determine accurate and appropriate dosing.

## How many dogs participated?

In our study, conducted at Cornell University College of Veterinary Medicine in 2017, there were 16 dogs who completed the trial. The trial was a double-blind placebo-controlled crossover design study. All dogs in the trial were senior dogs diagnosed with OA. Most of the dogs had multiple limbs affected and were severely affected by their OA. NSAIDs were allowed in the study, but dogs on other drugs were excluded. We were interested in determining both if ElleVet products worked well and safely with NSAIDs and if our product was effective enough that NSAIDs might not be needed.

## What dose was used in the clinical trial?

A dose of 2 mg/kg given twice daily for 4 weeks was given to each dog during the trial, and the same dose of the placebo was given for another 4 weeks. This allowed each dog to act as it's own control. 2mg/kg twice daily proved to be an extremely effective dose, and after the trial we worked to determine the lowest effective dose. We determined that a dose between 0.5 - 1mg/kg twice daily was highly effective for the majority of dogs.

## What were the results?

They were a game changer! The results of the study showed that an extraordinary 80% of dogs showed significant or dramatic improvement in their discomfort. This was true for dogs whether or not they were on NSAIDs. This study also determined that ElleVet products are safe and had no reported side effects. A few dogs showed brief elevations in ALP, which dropped back to the normal range after 2 weeks. ElleVet Sciences hemp CBD+CBDA products are the only product with proven efficacy and safety.

The full text of the clinical trial and pharmacokinetic study can be found at: [bit.ly/cornelloa](https://bit.ly/cornelloa)

The safety study results can be found at: [bit.ly/cbdsafetystudy](https://bit.ly/cbdsafetystudy)

\*(NSAID is an acronym standing for Nonsteroidal Anti-Inflammatory Drug. In humans, Aspirin and Ibuprofen would be considered NSAIDS. For dogs, a commonly used NSAID is Rimadyl (Carprofen) or Metacam (Meloxicam).)

\*\* (1 kg converts to roughly 2.2lbs)

ElleVet<sup>™</sup>  
SCIENCES

CORNELL  
UNIVERSITY

DOUBLE  
BLIND  
PLACEBO

80+%  
IMPROVEMENT

