

Ipet's Ally Q and A 03/22/2021

Hey there! I'm Dr. Ruth Roberts, your pet's ally. I hope that you all are doing well. We've got a couple of questions, so we'll jump in there.

Jamie is asking about this supplement Glucosamine Chondroitin for a friend's dog. Jamie, this is where one of my family's expression comes into use, and that is you can't push a rope. This better than nothing. Just think of it that way. You can give them all sorts of suggestions and they're going to do what they will with them. This got some of the basic things in there. It's got glucosamine, Boswellia, MSM complex which has also chondroitin. Looks like some collagen, more Boswellia which is strange. Boron, and hyaluronic acid. So, for this 12-year-old lab, I would just go ahead and use the full human dose. Start at 2 tablets daily and just kind of start from there. Do watch for loose stool because some of these things can be a little pushy as far as the Boswellia and sometimes the collagen. It is what it is. At least they are trying to do something. Now, if they got a new puppy, that's going to keep them moving and grooving.

The next question Jamie had was about clinical trial. This is where it gets interesting. More of the trials these days are over the immune therapy drugs. The one you sent over was this one from the University of Wisconsin, and it's looking at a phase 1 clinical trial. They think it's going to work but they're not sure. This is the proof of concept, essentially. They're studying the novel drug trematinib which if we look at it on Wikipedia, has been used for people with metastatic melanoma, and it works for a very specific mutation. So, your instinct to get Willie more importantly the tumor types, I think is a good one because all these drugs are going to work when that specific mutation that they are geared towards targeting is present in the tumor itself. This is what happens to people when it all goes according to schedule, it can be helpful. For my mother, unfortunately, the tumor was extremely aggressive that not much was going to help it, but you kind of know that going forward. You can put a piece on your mind what's appropriate and what's not appropriate.

The reason this becomes more important is if we pop over to this paper, this looks at different types of tumors in dogs and looks at the immunohistochemistry markers. With the histiocytic malignancy, which is what Willie's dealing with, at this point, I think this paper was written in 2016. There were 4 specific markers that were present, and I saw some later papers and

research. I'll drop in this for you in the comments. But I saw some later paper showing that specific mutations that they're looking at in the study that is present in some dogs with histiocytic sarcoma. I think you're wise to not go forward with this because they're asking that the dogs not be on any other types of chemotherapy. Right now, that's keeping things relatively stable, and you don't know if Willie has this specific mutation or not and so I think it's a crap shoot. Also, I think you're better off to go ahead and find out what the specific mutations are in that tumor. I hope that makes sense and I'm sure that you will get an opinion back, but I think that genetic testing is going to be important. I hope that's helpful, Jamie.

Hanna's making some pretty pictures in case you're still stuck inside but I think it's starting to warm up across the US. Indeed, it's almost already allergy season and we do have the quercetin and nettles product available back in stock as well.

Kathy's asking about Dottie vomiting a little bit of brown stuff. If this is a one – off situation Kathy, I wouldn't worry about it because hopefully, it's just a one - off as I said and no problems. Now, if this becomes more persistent like you're seeing it every week, then that's another bag of wax and that's where we look at adjusting the diet and thing of that nature.

I think that's what I have for you today. There's not a lot of questions, so all good there. I think I'm going to take a time off next week. We were supposed to have an Ipet's Ally broadcast on Tuesday, so we may delay that until the first week of April which will be on the 6th. Well get you some information out about that and what the topic will be. What I'm doing is a once-a-month Ipet's Ally ultimate broadcast. Last month we talked about low – methionine diets. So, for all of you folks that are ultimate members, if you've got a specific topic you'd like me to drill down on, let me know what it is and I will do some research and figure it out for you. To give you a frame of reference, I ended up developing a low – methionine diet for dogs to try. It is experimental but what I am seeing is that in the literature, Waltham which own Royal Canin, we're all doing studies on methionine diets. What that means is that there is enough proof of concept to them that they're doing a little more testing in dogs so that they can develop a low – methionine anti – cancer diet that they can sell commercially. Wouldn't you rather make that at home? So, let me know what's what.

What I'll drill down into is sort of genetic testing in the tumor to help guide immunotherapy for cancer so that you can understand what that means. I always learn stuff in the process of doing

it too. Until next week. Remember, your pet's best health starts in the bowl. If you've got questions just keep them coming whether you bring that to the Facebook group or email Hanna, we'll keep you going. So, take good care. Give everybody a big hug and a kiss for me. Thanks!