



Taurine Deficiency Induced Dilated Cardiomyopathy (DCM) in Golden Retrievers



Recently there has been a reported concern about 'grain free' diets being implicated in causing taurine deficiency induced dilated cardiomyopathy (DCM) in Golden Retrievers. This has come from a preliminary study by Dr. Stern DVM, PhD, DACVIM (cardiology) at UC Davis where he has noted a pattern of taurine deficiency in Golden Retrievers with DCM fed grain free diets.

Rayne is acutely aware of the taurine requirements (in both cats and dogs) and the health consequences of taurine deficiencies. It is possible that water soluble fibres in ingredients such as peas, chickpeas, tomato pomace & gums (used in wet foods) could cause binding of taurine in the lower GI tract and lead to diminished absorption of the taurine. There are also genetics and gut bacteria to consider.

Our diets are carefully formulated in conjunction with veterinary specialists, PhD nutritionists, and board certified veterinary nutritionists to ensure that they are properly balanced and contain optimal amounts of taurine in conjunction with veterinary specialists, PhD nutritionists, and board certified veterinary nutritionists. Taurine and sulphur amino acid levels (methionine and cystine) are tested in the ingredients used in Rayne diets. Methionine and cystine meet the AAFCO requirements for growth in all our diets. If taurine levels are not sufficient from natural sources alone, additional taurine is supplemented in the diet.

Rayne is able to provide taurine levels for each of our diets if requested. Please contact your Rayne Sales Representative or e-mail us at info@raynecanada.ca if you would like more information or have additional questions.