

CASE REPORT

Canine Xylitol Toxicity

Bridgetown Veterinary Emergency and Referral

Patient: Reo (3-Year-Old, Female Intact, Dachshund Mix)

History: Reo accidentally got into a container of gum containing the artificial sweetener xylitol. Her family wasn't sure exactly how many gum pieces were in the container, but the estimated number would have equaled a high enough dose to cause acute liver injury as well as low blood sugar.

Presentation and Treatment: Reo's owners knew the risks of xylitol toxicity and how quickly it could cause harm and brought her straight into the Bridgetown Veterinary Emergency and Referral, where a blood chemistry panel showed low blood sugar and that her liver values were already elevated. It was elected to attempt treatment with hemoperfusion in hopes of lessening the degree of liver injury. Reo was treated with a single 100mL ToxiClear™ column for a total of 2 hours and 15 blood volumes.

Results: Reo did well throughout her treatment and only required mild sugar supplementation overnight. Recheck liver values the next morning showed improvement in ALT and normalization of GGT and bilirubin. Reo was discharged from our hospital less than 24 hours after presentation.

