VetCompass™ Cushing's Diagnostic Prediction Tool

Use this tool to estimate the likelihood of an individual dog having Cushing's syndrome.

First, score a dog you suspect of having Cushing's syndrome for each category in the scoring table and sum the points.

Then match the result to the prediction table.

Cushing's Scoring Table:

	Category	Points	Points scored
Dog demography			
Neuter status	Female-entire	**0**	
	Female-neutered	**-1**	
	Male-entire	**-1**	
	Male-neutered	**-1**	
Current age (years)	<7	**0**	
	≥7	**1**	
Breed	Bichon frise	**2**	
	Border terrier	**1**	
	Labrador retriever	**-3**	
	Schnauzer	**-2**	
	West Highland white terrier	**-3**	
	Other breed or crossbreed	**0**	
Presenting clinical signs			
Polydipsia	Yes	**2**	
	No	**0**	
Vomiting	Yes	**-2**	
	No	**0**	
Potbelly/hepatomegaly	Yes	**3**	
	No	**0**	
Alopecia	Yes	**2**	
	No	**0**	
Pruritus	Yes	**-2**	
	No	**0**	
Laboratory factors			
Urine specific gravity	Dilute (≤ 1.020)	**0**	
	Not dilute (> 1.020)	**-2**	
	Not recorded	**-1**	
Serum ALKP	Elevated	**0**	
	Not elevated	**-3**	
	Not recorded	**0**	
		Total score:	

Schofield I, Brodbelt DC, Niessen SJM, Church DB, Geddes RF, Kennedy N, O'Neill DG. Development and internal validation of a prediction tool to aid the diagnosis of Cushing's syndrome in dogs attending primary-care practice. *J Vet Intern Med.* 2020.

Cushing's Prediction Table:

Points total	Predicted likelihood of Cushing's syndrome (.00 = 0%; .96 = 96%)
-13	.00
-12	.01
-11	.01
-10	.01
-9	.02
-8	.03
-7	.04
-6	.05
-5	.08
-4	.11
-3	.15
-2	.20
-1	.27
0	.35
1	.44
2	.53
3	.63
4	.71
5	.78
6	.84
7	.88
8	.92
9	.94
10	.96

Case example:

When using the tool for a 9 year old, female-neutered, crossbreed dog presenting only with polydipsia, ALKP is not elevated and USG is not dilute the dog would gain a score of -3, indicating a 15% likelihood of having Cushing's syndrome.

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