

Supplementary Table S3. Univariate analysis comparing euthanized queens with those surgically treated

	euthanized without surgery					Fisher exact	euthanized with surgery					Fisher exact
	no N=126	% no	yes N=6	% yes			no N=126	% no	yes N=6	% yes		
<b>PATIENT HISTORY</b>						<b>LABORATORY FINDINGS</b>						
Age over 8 yrs old						High total protein						
no	87	69%	3	50%	0.38	no	25	21%	1	17%	1.00	
yes	39	31%	3	50%		yes	96	79%	5	83%		
number missing	0		0			number missing	5		0			
Duration of signs>1week						Low creatinine						
no	61	58%	3	50%	0.70	no	62	50%	4	67%	0.68	
yes	44	42%	3	50%		yes	62	50%	2	33%		
number missing	21		0			number missing	2		0			
Previous visit to DVM						High creatinine						
no	63	50%	5	83%	0.21	no	117	94%	5	83%	0.32	
yes	63	50%	1	17%		yes	7	6%	1	17%		
number missing	0		0			number missing	2		0			
Polyuria						Low BUN						
no	82	80%	5	100%	0.58	no	113	91%	6	100%	1.00	
yes	20	20%	0	0%		yes	11	9%	0	0%		
number missing	24		1			number missing	2		0			
Polydipsia						High BUN						
no	79	77%	6	100%	0.34	no	102	82%	1	17%	<b>0.00</b>	
yes	24	23%	0	0%		yes	22	18%	5	83%		
number missing	23		0			number missing	2		0			
Diarrhea						High Glucose						
no	100	91%	6	100%	1.00	no	74	60%	5	83%	0.40	
yes	10	9%	0	0%		yes	50	40%	1	17%		
number missing	16		0			number missing	2		0			
Inappetence						Low RBC						
no	45	38%	2	33%	1.00	no	112	93%	5	83%	0.39	
yes	74	62%	4	67%		yes	9	7%	1	17%		
number missing	7		0			number missing	5		0			
Vomiting						High RBC						
no	78	68%	6	100%	<b>0.18</b>	no	110	91%	6	100%	1.00	
yes	36	32%	0	0%		yes	11	9%	0	0%		
number missing	12		0			number missing	5		0			

<b>CLINICAL SIGNS</b>						<b>Low calcium</b>					
Depressed mentation						no	68	55%	4	67%	0.69
no	79	64%	2	33%	0.20	yes	55	45%	2	33%	
yes	45	36%	4	67%		number missing	3		0		
number missing	2		0			<b>High calcium</b>					
Closed pyometra						no	114	93%	6	100%	1.00
no	109	88%	5	83%	0.55	yes	9	7%	0	0%	
yes	15	12%	1	17%		number missing	3		0		
number missing	2		0			<b>Low sodium</b>					
Non-ambulatory						no	90	73%	3	50%	0.35
no	109	99%	4	67%	<b>0.01</b>	yes	33	27%	3	50%	
yes	1	1%	2	33%		number missing	3		0		
number missing	16		0			<b>Low potassium</b>					
Increased respiratory effort						no	121	98%	6	100%	1.00
no	122	98%	5	83%	<b>0.13</b>	yes	2	2%	0	0%	
yes	2	2%	1	17%		number missing	3		0		
number missing	2		0			<b>High potassium</b>					
High respiratory rate						no	89	72%	4	67%	0.67
no	77	71%	6	100%	<b>0.19</b>	yes	34	28%	2	33%	
yes	31	29%	0	0%		number missing	3		0		
number missing	18		0			<b>COMORBIDITIES</b>					
Low temperature						<b>Mammary tumor</b>					
no	81	75%	6	100%	0.33	no	119	95%	6	100%	1.00
yes	27	25%	0	0%		yes	6	5%	0	0%	
number missing	18		0			number missing	1		0		
High temperature						<b>Heart disease</b>					
no	99	92%	6	100%	1.00	no	112	89%	4	67%	<b>0.15</b>
yes	9	8%	0	0%		yes	14	11%	2	33%	
number missing	18		0			number missing	0		0		
Low heart rate						<b>Murmur</b>					
no	123	98%	6	100%	1.00	no	113	90%	6	100%	1.00
yes	2	2%	0	0%		yes	13	10%	0	0%	
number missing	1		0			number missing	0		0		
High heart rate											
no	101	81%	6	100%	0.59						
yes	24	19%	0	0%							
number missing	1		0								
Dehydrated											
no	38	31%	1	17%	0.67						
yes	83	69%	5	83%							
number missing	5		0								