

The relationship between mastitis and the B-mode, colour Doppler ultrasonography measurements of supramammary lymph nodes in cows

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SUPPLEMENTARY FILE

Supplementary Table S1. Comparison of the B-mode ultrasonographical measurements of the supramammary lymph nodes between the study groups

Features	Groups						P
	CMT-Negative		CMT-Positive		Clinical Mastitis		
	n	$\bar{x} \pm s!$	n	$\bar{x} \pm s!$	n	$x \pm s!$	
Width (cm)	27	3.71±0.19 ^A	43	3.76±0.16 ^A	32	4.33±0.20 ^B	*
Length (cm)	27	5.38±0.21 ^A	43	5.60±0.25 ^A	32	6.55±0.23 ^B	**
Circle (cm)	27	14.74±0.63 ^A	43	15.08±0.61 ^A	32	17.59±0.63 ^B	**
Cortex (cm)	27	0.11±0.01 ^A	43	0.14±0.01 ^A	32	0.22±0.03 ^B	**

*p<0.05, **p<0.01

^{A, B}: The differences between the means which are signed with different letters in the same column are significant (p<0.05)

Supplementary Table S2. Comparison of the B-mode ultrasonographic images of supramammary lymph nodes between the groups

Groups	Features								
	Echogenicity		Calcification		Border		Cyst		
	Hypo	Hyper	+	-	Smooth	Irregular	+	-	
CMT-Negative	n	26	1	2	25	27	0	1	26
	%	96.3	3.7	7.4	92.6	100	0.0	3.7	96.3
CMT-Positive	n	35	8	5	38	42	1	0	43
	%	81.4	18.6	11.6	88.4	97.7	2.3	0.0	100
Clinical Mastitis	n	15	17	13	19	28	4	1	31
	%	46.9	53.1	40.6	59.4	87.5	12.5	2.0	98.0
p		**		**		*		-	

- p>0.05, *p<0.05, **p<0.01