		PATIE	NT DATA	
		.,		
OWNER NAME BREED BIRTH DATE GENDER	F CKCS F		ANIMAL NAME NEUTERED AGE	C NO 7 m
IDENTIFICATION ACCESSION NUMBER OPERATOR			EXAM DATE	21 MAR 2018
EXAM DESCRIPTION	CARDIA	_		
PERFORMING PHYSICIAN			E REPORT DATE	21 MAR 2018
PERFORMING PHISICIAN	GLIMIMA		O CANINE	21 MAR 2016
			-Mode	
Aorta/LA		Б-	Mode	
Ao Diam [14.4, 13.8]	14.1	mm	LA Diam [14.4, 14.6]	14.5 mm
LA/Ao	1.03			
Doppler				
Aorta				
AV Vmax	-1.00	m/s	AV max PG	4.0 mmHg
MV				
MV E Vel	0.60	m/s	MV A Vel	0.52 m/s
MV E PG	1.4	mmHg	MV A PG	1.1 mmHg
MV E/A TV	1.16		IVRT	68 ms
	0.54		T) / A) / - l	0.37
TV E Vel TV E PG	0.54 1.2	m/s mmHg	TV A Vel TV A PG	0.27 m/s 0.3 mmHg
TV E/A	2.00	mining	IVAPG	0.5
Pulmonary A	2.00			
	4.65	/a	PA max PG	96.6
PA Vmax [-4.81, -4.49]	-4.65	m/s	PA max PG	86.6 mmHg
AVA (VTI)				
AV Vmax	-1.00	m/s		
		NA.	Modo	
MV		M-	-Mode	
MV	1 2	n a n a		
EPSS	1.3	mm		
Left Ventricle	c =		LVITO I	05.5
IVSd	6.7	mm	LVIDd	25.7 mm
LVPWd LVIDs	5.7 18.7	mm	IVSs	9.3 mm
EF EF	18.7 55	mm %	LVPWs %LV FS	9.9 mm 27 %
% IVS	38	%	%PW	73 %
LV Mass	27	g	, 01 **	, 5
			NATIONS	
		ODSER	RVATIONS	

Cardio remarks

Mild-moderate right ventricular hypertrophy was identified, the right atrium was normal. The pulmonic valves were thickened, tethered and poorly mobile. The pulmonic annulus was not hypoplastic. A post stenotic dilation of the main pulmonary artery was present. The maximum velocity across the pulmonic valve was 4.81m/s which equates to a pressure gradient of 92.5mmHg. There was also moderate pulmonic insufficiency present. The left sided chambers were normal. The

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Conclusions

SIGNATURE

mitral, tricuspid and aortic valves were normal.

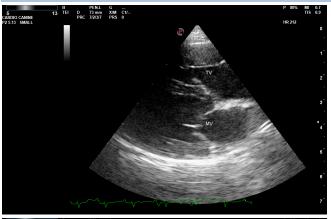
Sinus tachycardia present on ECG.

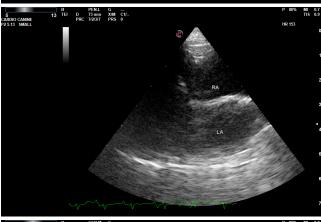
Type A moderate to severe pulmonic stenosis.

Consultation for balloon valvuloplasty is recommended. If this is not financially viable then medical treatment with atenolol (0.5mg/kg bid) is recommended. Uncomplicated survival to adulthood is common in dogs with mild to moderate pulmonic stenosis. Dogs with moderate to severe pulmonic stenosis may have signs of right sided congestive heart failure, cardiac arrhythmias, syncope with exertion or sudden death. Balloon valvuloplasty is successful in alleviating clinical signs (exercise intolerance often not noticed by owner until improvement seen following treatment) and prolonging survival in dogs wih severe pulmonic stenosis (reduces risk of sudden death by half).

Gemma O'Donoghue PgC ESPVS Cert Cardiology.

ATTACHED IMAGES

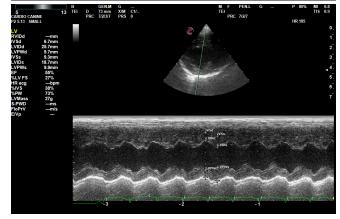




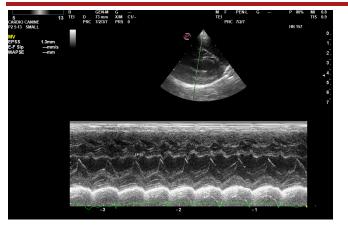


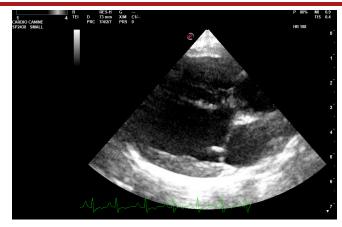


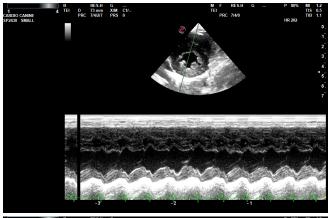




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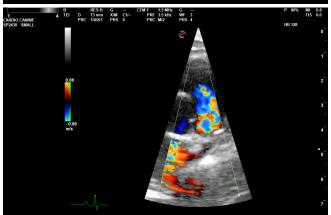


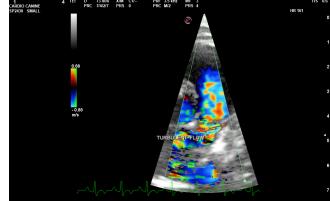












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