

## PATIENT DATA

<b>OWNER NAME</b>	D----	<b>ANIMAL NAME</b>	Z---
<b>BREED</b>	POINTER	<b>NEUTERED</b>	YES
<b>BIRTH DATE</b>		<b>AGE</b>	8 y
<b>GENDER</b>			
<b>WEIGHT</b>	29 kg 0 g		
<b>IDENTIFICATION</b>		<b>EXAM DATE</b>	14 SEP 2017
<b>ACCESSION NUMBER</b>			
<b>OPERATOR</b>			
<b>EXAM DESCRIPTION</b>		CARDIAC	
<b>PERFORMING PHYSICIAN</b>		GEMMA O DONOGHUE	<b>REPORT DATE</b> 14 SEP 2017

## CARDIO CANINE

### B-Mode

**Aorta/LA**

Ao Diam	25.5	mm	LA Diam	24.7	mm
LA/Ao	0.97				

**EF MOD (Simpson)**

LVAd A2C	25.63	cm <sup>2</sup>	LVAd Index A2C	27.0	cm <sup>2</sup> /m <sup>2</sup>
LVA <sub>s</sub> A2C	16.81	cm <sup>2</sup>	LVEDV (MOD A2C)	73.2	ml
LVESV (MOD A2C)	35.3	ml	EF (MOD A2C)	52	%
SV (MOD A2C)	37.9	ml	SV Index (MOD A2C)	39.9	ml/m <sup>2</sup>

### Doppler

**Aorta**

AV Vmax	-1.35	m/s	AV max PG	7.3	mmHg
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**MV**

MV E Vel	0.78	m/s	MV A Vel	0.67	m/s
MV E PG	2.4	mmHg	MV A PG	1.8	mmHg
MV E/A	1.16				

**MR**

MR Vmax	-5.18	m/s	MR max PG	107.3	mmHg
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**TV**

TV E Vel	0.71	m/s	TV A Vel	0.59	m/s
TV E PG	2.0	mmHg	TV A PG	1.4	mmHg
TV E/A	1.21				

**Pulmonary A**

PA Vmax	-0.89	m/s	PA max PG	3.2	mmHg
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**AVA (VTI)**

AV Vmax	-1.35	m/s			
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### M-Mode

**MV**

EPSS	4.4	mm			
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**Left Ventricle**

IVSd	13.1	mm	LVIDd	37.4	mm
LVPWd	8.4	mm	IVSs	15.6	mm
LVIDs	25.1	mm	LVPWs	14.5	mm
EF	62	%	%LV FS	33	%
% IVS	19	%	%PW	74	%
LV Mass	144	g			

### OBSERVATIONS

#### Cardio remarks

Moderately thickened and mildly prolapsing mitral valves with moderate mitral regurgitation, velocity > 5m/s. Normal left ventricular and left atrial size. Normal systolic and diastolic function. Right side of heart normal, trivial pulmonic insufficiency. Normal sinus rhythm. Panting during examination.

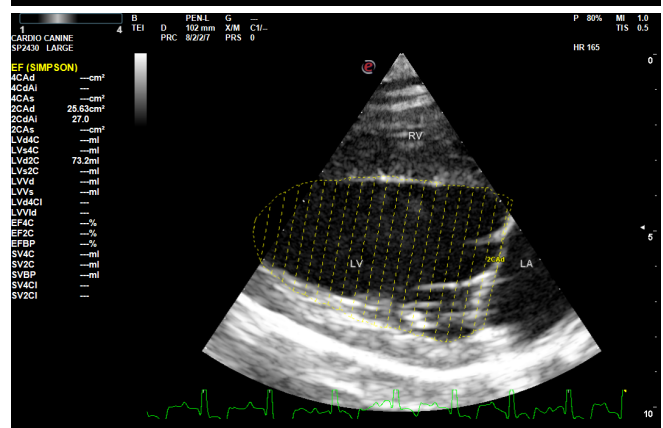
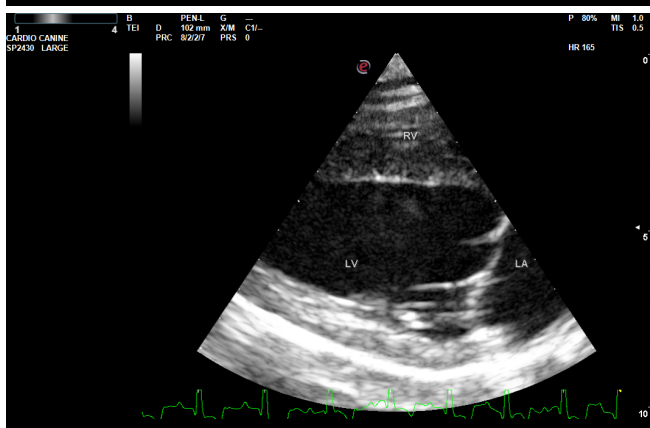
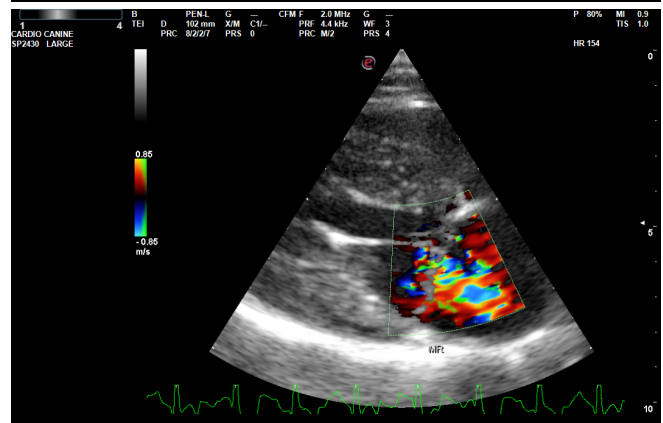
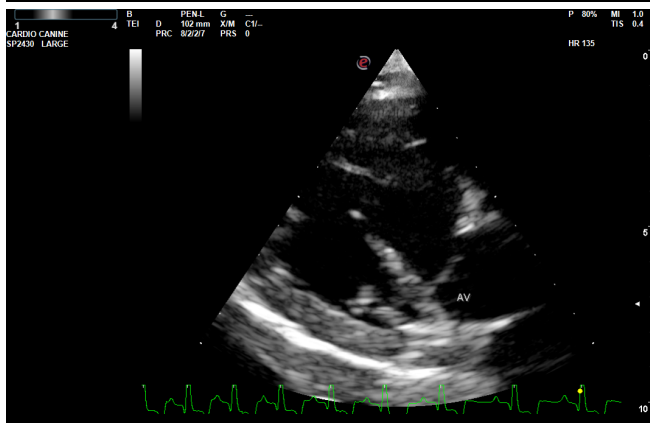
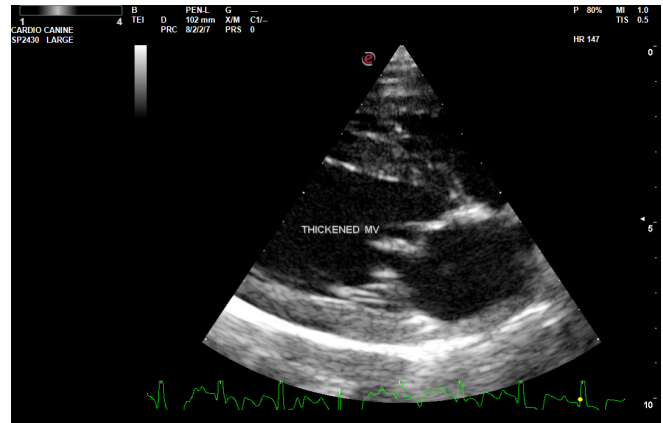
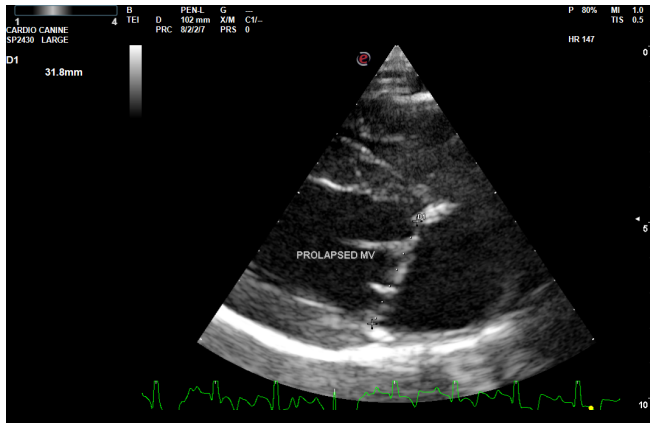
#### Conclusions

Stage B1 chronic mitral valve disease.  
No treatment currently needed.  
Repeat echocardiogram in 6-9 months recommended.

#### SIGNATURE

Gemma O'Donoghue PgC ESPVS Cert Cardiology.

### ATTACHED IMAGES



EE (SIMPSON)

4CAAd	---	cm <sup>2</sup>
4CAAI	---	---
4CAAs	---	---
2CAAd	25.63	cm <sup>2</sup>
2CAAI	---	---
2CAAs	27.0	---
LVd4C	---	ml
LVd4C	---	ml
LVs2C	73.2	ml
LVd4	---	ml
LVVs	---	ml
LVd4CI	---	---
LVVd	---	---
EF4C	---	%
EF2C	---	%
EFSP	---	%
SV4C	---	ml
SV2C	---	ml
SVSP	---	ml
SV4CI	---	---
SV2CI	---	---

