

## Details

Patrons	<b>Kateřina Tomanov Pomykalov</b>
Name	<b>Creative Cicero Kimbilio</b>
Species	<b>pes</b>
Breed	<b>austrlsky kelpie</b>
Gender	<b>Male</b>
Height and weight	<b>49 cm, 16 kg</b>
Chip nr.	<b>941000019283698</b>

### Internal Cardiology

## kardiologick vyšetřeni

### Subjective

-vysetreni pro chovnost.

### Objective 1

#### KARDIOLOGICK VYŠETŘEN

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vedomi: OK,

Chovan: klidne

vyzivny stav: 3/5 (norma 3/5)

teplota: NV oC

tep: 90 tep/min

dech: 36 dech/min

CRT: 2 vt

elasticita kořn řasy - okamžit návrat,

sliznice a spojivky: rřov,

Mizn uzliny: nezvtřen, nebolestiv,

KVS: bez jugulrn distenze. Palpace uderu srdenho hrotu: v norme Auskultace: srdce bez selestu,

Femorln pulz symetrick, siln a synchronn s ˇinnost srdce.

DS: kaslac reflex: neg, eupnoick pacient, auskultace plc: norm BV dychani

abdomen: prohmatne, nebolestive

#### EKG DG a Z ECHO. PRISTROJE (10-12 min)

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Sinusova tachykardie. Tepov frek: 80 tep/min.

bez dalsich abnormalit

**ECHOKARDIOGRAFIE**

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**DOPPLER****MITRAL**

MITRAL FLOW PROFILE : 0.13 m MIT PEAK VEL E WAVE : 0.52 m/s MIT PEAK VEL A WAVE : 0.49 m/s  
MIT PEAK GRAD (E) : 1.1 mmHg MIT PEAK GRAD (A) : 0.9 mmHg MITRAL MEAN VELOCITY : 0.17 m/s  
MITRAL MEAN GRADIENT : 0.2 mmHg MITRAL PHT : 56 ms MITRAL VALVE AREA : 3.91 cm<sup>2</sup>  
MITRAL E/A RATIO : 1.07 MIT E WAVE ACC TIME : 60 ms MIT E WAVE DEC TIME : 192 ms

**AORTA**

AORTIC FLOW PROFILE : 0.11 m AORTIC MEAN VELOCITY : -0.51 m/s AORTIC MEAN GRADIENT : 1.3  
mmHg  
AORTIC PEAK VELOCITY : -0.80 m/s AORTIC PEAK GRADIENT : 2.5 mmHg AO DIASTOLIC VELOC : -0.04  
m/s  
AO ACC TIME : 60 ms EJECTION TIME : 207 ms

**AO EFFECT VALVE AREA**

AORTIC PEAK VELOCITY : -0.80 m/s

**TRICUSPID**

TRICUSP FLOW PROFILE : 0.05 m TRIC VEL E WAVE : 0.29 m/s TRIC VEL A WAVE : 0.18 m/s  
TRIC PEAK GRAD (E) : 0.3 mmHg TRIC PEAK GRAD (A) : 0.1 mmHg TRIC MEAN VELOCITY : 0.12 m/s  
TRIC MEAN GRADIENT : 0.1 mmHg TRICUSPID E/A RATIO : 1.65

**PULMONARY ARTERY**

PULM FLOW PROFILE : 0.11 m PULM MEAN VELOCITY : -0.52 m/s PULM MEAN GRADIENT : 1.3 mmHg  
PULM PEAK VELOCITY : -0.77 m/s PULM PEAK GRADIENT : 2.4 mmHg PULM ACC TIME : 102 ms

**B-MODE****EF (SIMPSON BIPL)**

4C DIASTOLIC AREA : 21.91 cm<sup>2</sup> 4C SYSTOLIC AREA : 14.63 cm<sup>2</sup> 2C DIASTOLIC AREA : 21.91 cm<sup>2</sup>  
2C SYSTOLIC AREA : 15.44 cm<sup>2</sup> LV DIASTOLIC VOLUME : 57.4 ml LV SYSTOLIC VOLUME : 29.4 ml  
EJECTION FRACTION : 49 % STROKE VOLUME : 28.0 ml HEART RATE : 73 bpm  
CARDIAC OUTPUT : 2.05 l/min

**LV OUTFLOW TRACT**

LVOT DIAMETER : 18.4 mm LVOT AREA (d) : 2.65 cm<sup>2</sup>

**AORTA/LEFT ATRIUM**

AORTIC DIAMETER : 17.9 mm AORTIC AREA (d) : 2.51 cm<sup>2</sup> LA DIAMETER : 28.0 mm

LEFT ATRIUM/AO DIAM : 1.56

**RVOT/PULM ART**

PA DIAMETER : 18.9 mm PA AREA (d) : 2.79 cm<sup>2</sup>

**M-MODE****LEFT VENTRICLE**

RV DIAMETER-DIAST : 7.8 mm IV SEPTUM-DIASTOLE : 10.3 mm LV DIAMETER-DIAST : 41.8 mm  
POST WALL-DIASTOLE : 7.8 mm IV SEPTUM-SYSTOLE : 10.8 mm LV DIAMETER-SYST : 31.5 mm  
POST WALL-SYSTOLE : 13.4 mm EJECTION FRACTION : 49 % LV FRACT SHORTENING : 25 %  
LV DIASTOLIC VOLUME : 77.8 ml LV SYSTOLIC VOLUME : 39.3 ml STROKE VOLUME : 38.4 ml  
SEPTUM THICKENING : 4 % PW THICKENING : 72 % LV MASS : 134 g

**MITRAL**

E SEPTUM : 5.2 mm EF SLOPE : 132 mm/s MAPSE : 11.2 mm

**TRICUSPID**

TAPSE : 15.6 mm

**POZNÁMKY**



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-LVIDDN=1.4

### **Assessment**

-normalni nalez

### **Plan**

-ročni kontroly srdce (prevence)

V Bratislave dňa 07. 11. 2022

MVDr. Carlos F. Agudelo Ramírez PhD.