

Cardiovascular examination: 25.11.2022

Nováková Renata: dog, landseer, Harvey z Letohradského ranče, male, born 8.10.2017, hmotnost 83kg

RFID:945000006074106

PL: Heart screening for breeding purpose.

Clinical exam: Euphonic. Auscultation revealed normal heart sounds S1,S2, no murmur noted. Periph. pulse of normal quality, synchronous with heart action, no deficits. BSC 5/9.

ECG: Normal sinus rhythm with average rate of 98bpm. No abnormalities of rhythm noted during heart screening.

ECHO (2D/M)

LVIDd 54,7mm

LVIDs 37,1mm

LVPWd 12,4mm

LVPWs 18,9mm

IVSd 12,6mm

IVSs 17,9mm

EF: 60%

FS: 32%

Ao 33,6mm

LA 44,5mm

LA/Ao SAX 1,33

EF Simpson 62%

EPSS = 5,9mm

Normal sphericity of left ventricle.

Left ventricle: Normal size and normal contractility. **Left atrium:** Normal size. **Right ventricle:** Normal size and normal contractility. **Right atrium:** Normal size.

Pericardium - no structural changes.

Pulmonary artery and valve: No structural abnormality noted. Laminar flow. Both pulm. arteries of normal size with laminar flow.

PV Vmax= 86cm/s. No insufficiency.

Aorta: No structural abnormality noted. Laminar flow. LVOT is normal. AV Vmax = 152cm/s. No insufficiency.

Mitral valve: Both leaflets are of normal structure. No prolaps evident. No insufficiency noted.

E wave 75cm/s, A wave 62cm/s, E/A 1,21 IVRT 82ms.

Tricuspid valve: Tricuspid valve is of normal structure. No prolaps evident. No insufficiency.

Other abnormalities found: None.

Conclusion:

Heart is structurally normal with normal function. Recommended for breeding.

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