

Veterinární klinika MaScHEER, 66465 Malešovice 67, Czech republic

Protokol o echokardiografickém vyšetření/Echocardiographic examination certificate

| | | | |
|--------------------------|------------------|--------------------------------------|---------------------|
| majitel/owner: | Chalupová Milena | datum vyšetření/date of exam. | 1/2/2020 |
| pacient: | | hlavní problém | skrining VSV a DKMP |
| živ. dr./species: | ca | plemeno/breed: | |
| RFID No.: | 941000018725980 | m/weight (kg) | 18,5 |
| | | BSA (m2) | 0,706 |

Základní echokardiografické vyšetření - 2D/M-mode MEASUREMENT

| | diast. (mm) | syst. (mm) | norma dia. | norma sys | | M.mode | 2D | norma |
|--------------------|---------------|---------------|--------------------|---------------|-----------------|-----------------------|-------|-------------------|
| RVW | 3,1 | 8,86 | méně 50 % IVS | méně 50 % IVS | HR 1/min | 120 | | |
| RVD | 9,75 | 4,87 | méně 50 % LVD | méně 50 % LVD | LVESV (ml) | 29,53 | | |
| IVS | 7,09 | 11,30 | 8,39 | | LVEDV (ml) | 65,99 | | |
| LVD | 38,99 | 27,91 | 36,63 | 22,82 | IVSFT (ml) | | | |
| LVPW | 5,76 | 9,75 | 8,74 | | LVDFS (%) | 28,48 | | nad 28 % |
| CO (l/m) | 4,28 | norma | EF Teicholz | | EPSS (mm) | | | 2,76 |
| EF (%) | 55,53 | 55-80 | SV (ml) | 36,41 | | LVDd cutt off* | | |
| LV Volume | diast. | syst. | EF Simpson | | | LVDs cutt off* | 27,91 | 37,89 |
| A4C | 46,85 | 12,55 | EF (%) | 70 | EF.slope (mm/s) | | | |
| A2C | 40,78 | 13,91 | CO (l/m) | 3,67 | LA (mm) | | 19,15 | 21,60 |
| Biplane | 43,815 | 13,23 | SV (ml) | 30,585 | Ao (mm) | | 21,05 | 19,99 |
| EDV index | 62,02 | 18,73 | | | LA/Ao | #DIV/0! | 0,91 | <1,3/M/, <1,5/2D/ |
| EDV-i norma | pod 95 | pod 55 | | | | | | |

DOPPLEROVSKÉ VYŠETŘENÍ - DOPPLER MEASUREMENT

| Mitral | | norma | LVOT (PW) | | norma | 2-d measur | diast. | syst. |
|---------------|-------|----------------|------------------|-------|------------------------|---------------|---------------|-----------------|
| E (m/s) | 0,54 | 0,6-1,0 | Vmax (m/s) | 0,74 | 0,9-1,5 | délka LK (mm) | | |
| E PG (mmHg) | 1,17 | | Pgmax | 2,21 | | LVD (mm) | 38,99 | 27,91 |
| A (m/s) | 0,38 | 0,3-0,7 | PGmean | 0,98 | | I.S. | 0,00 | 0,00 |
| A PG (mmHg) | 0,57 | | VTI (mm) | 72,45 | | RVD (mm) | | |
| PHT (ms) | 59,16 | | LVOT D (mm) | 16,87 | více než 75% Ao | RA | | norma |
| MVA (cm2) | 3,72 | | LVOT area | | | RVOT | | 19,99 |
| E:A | 1,41 | nad 1 | LVOT SV | | | Qp/Qs | | méně 1,5 |

| | | | | | | | | |
|---------------------|------|----------------|---------------------|------|----------------|----------------|----------------|---|
| Vmax MV reg. | n | m/s | Vmax Ao reg. | n | m/s | VSD | | n |
| MVreg PG | n | mmHg | Aoreg PG | n | mmHg | PDA | n | n |
| Aortic (CW) | | norma | Tricuspid | | dopřed. | norma | TVreg | |
| Vmax (m/s) | 0,74 | 0,9-1,5 | TV E//A | m/s | | 0,5-0,9 | n | |
| Pgmax | 2,21 | | PGmax E//A | mmHg | | | n | |
| PGmean | 0,86 | | Pulmonic | | RVOT | PV | norma | |
| VTI (mm) | 73,2 | | Vmax | m/s | 0,84 | 0,87 | 0,7-1,2 | |
| AVA (cm2) | | | PGmax | mmHg | 2,85 | 3,01 | | |
| SV (ml) | | | VTI | mm | 89,46 | 85,02 | | |
| CO (l/m) | | | V max PVreg | m/s | n | n | 0 | |
| LVOT area (cm2) | | | PVreg PG | mmHg | n | n | 0 | |

Souhrn a závěr/ Summary and Conclusion

Auskultace/Auscultation: ohraničené srdeční ozvy / bounded heart sounds
EKG: - Závěr/Conclusion: v den vyšetření bez známek dilatační kardiomyopatie a nebo jiných vrozených srdečních vad/ in the date of examination without sings of dilatated cardiomyopathy and or other inherited heart diseases
Léčba/Therapy: 0
Prognóza/prognosis: - * cut off hodnota platí jenom pro dobermany/ cut off value only for dobermans, ** rušení dýcháním/breathing interference
Poznámka/Note: