

CARDIAC CLEARANCES

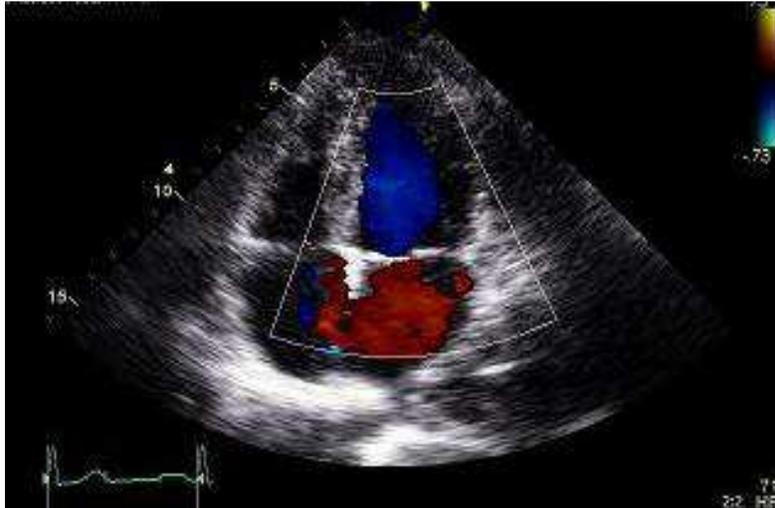
Congenital heart diseases in dogs may be present at birth and develop or change over time. Many congenital defects are thought to be genetically transmitted however the exact mode of inheritance has not been precisely determined for all cardiovascular diseases. Dr. Marco Margiocco, the Cardiology specialist at Canada West Veterinary Specialists <http://canadawestvets.com/meet-our-team/departments/cardiology/dr-marco-l-margiocco>, recommends auscultation after 12 months of age to rule out congenital defects.

The standard Cardiac Exam: http://www.offa.org/cardiac_exam.html



Healso recommends having an Echo Ultrasound Heart Analysis performed to get a more complete picture of the individual's heart http://www.offa.org/pdf/cardapp_bw.pdf

The Echocardiographic Exam: http://www.offa.org/cardiac_echo.html



A Holter is a final test that is used to determine heart rhythm over a longer period of time of either 24 or 48 hours. This is used to identify any electrical/rhythmic defects.



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| Ventricular Arrhythmias Analysis | | | | | | Lown - Wolf Grade | 0 |
|-----------------------------------|---|------------------------------------|---|----------|---------|-------------------|-------|
| Ventr. Ectopic Beats | 0 | VEB/hr | 0 | Couplets | 0 | Escape Beats | 0 |
| Ventr. Tachycardia | 0 | Longest | 0 | Beats | 0 | HR Max | 0 bpm |
| Ventr. Bigeminy | 0 | Longest | 0 | Beats | 0 | Ventr. Trigeminy | 0 |
| Ventr. Quadrigeminy | 0 | Accelerated Idioventricular Rhythm | | 0 | Longest | 0 | 0 |
| Beats | 0 | Idioventricular Rhythm | 0 | Longest | 0 | Beats | 0 |
| No ventricular arrhythmias noted. | | | | | | | |

| Supraventricular Arrhythmias Analysis | | | | | |
|--|----|-------------------------|----|--------|---------|
| Supraventricular Ectopic Beats | 0 | Supraventricular Bursts | | | 5 |
| Supraventricular Tachycardia | 88 | Longest | 70 | Beats | 06:45 |
| | | | | HR Max | 251 bpm |
| | | | | | 15:08 |
| Runs of physiologic sinus tachycardia during exercise or excitation. | | | | | |

| Sinus Node Automatism and Atrioventricular Conduction Analysis | | | | | | | |
|--|----|----------------------|-----|-------------|-------|-----------|--------|
| Pause | 3 | Longest | 3,8 | Sec | 05:31 | Mobitz I | 0 |
| | | | | | | Mobitz II | 0 |
| 2:1 AV Block | 0 | Advanced 2° AV Block | 0 | 3° AV Block | 0 | Duration | 0 |
| Sinus Bradycardia | 74 | Longest | 4 | Beats | 01:23 | HR min | 56 bpm |
| | | | | | | | 18:10 |
| Normal periods of high vagal tone during rest or sleep. | | | | | | | |

| PaceMaker |
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| Conclusion |
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| "Max" Holter monitoring showed as dominant rhythm a respiratory sinus arrhythmia in the absence of rhythm disturbances suggestive of inherited diseases. |

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