

**CERTIFICATE OF CARDIOVASCULAR EXAMINATION**

**SIGNALMENT:**

Breed: Boxer Pedigree name: Ace  
 Registration number: WHSB 2932936 Microchip: 52814000054113g  
 Date of birth: 22-07-2013 Gender: male  
 Owner/ Address: G.W. Zylstra, de Zwaan 3 g101 XC Dokkum  
 Previous examination: yes  no  result: unaffected  undetermined  affected

**PHYSICAL EXAMINATION:**

Body weight: 37.5 Kg Heart rate: 120 bpm  
 Auscultation: Normal   
 Murmur  Grade: I II III IV V VI systolic  diastolic

**ECG:**

Heart rate: 117 bpm  
 Sinusrythm  
 Other, please specify:

**ECHOCARDIOGRAPHY:**

**M-mode:**

IVSd: 9.9 cm IVSs: 1.4 cm LVDd: 4.1 cm LVDs: 1.6 cm  
 LVWd: 1.8 cm LVWs: 1.3 cm FS : 37 % EPSS: 0.3 cm

**2-D**

LA(sa): 2.9 cm AO(sa): 2.2 cm LA/AO: 1.3 RA(la): 2.9 cm LA(la): 3.3 cm

**Doppler:**

**Mitral valve:** Regurgitation: fysiological  mild  moderate  severe   
 VmaxE 0.8 m/s VmaxA 0.5 m/s Vmaxreg \_\_\_\_\_ m/s

**Tricuspid valve:** Regurgitation: fysiological  mild  moderate  severe   
 VmaxE 0.5 m/s VmaxA 0.3 m/s Vmaxreg \_\_\_\_\_ m/s

**Aortic valve:** Insufficiency: fysiological  yes  no   
 Flow: laminar  turbulent   
 Vmax: 1.9 m/s  $\delta p$ : 15 mmHg

**Pulmonic valve:** Insufficiency: fysiological  yes  no   
 Flow: laminar  turbulent   
 Vmax: 1.3 m/s  $\delta p$ : 7 mmHg

**Result of cardiovascular examination:**

- Normal Heart  
 Abnormal Heart  
 Undetermined

**DIAGNOSIS:**

Dog's identity was verified.

A normal heart at this moment does not mean acquired heart disease can't occur in the future.  
 Undersigned has examined the above mentioned dog today for cardiovascular changes, with the result as shown above.

Date: 18 09 2014 Signature examiner and stamp: [Signature]  
 Hout 16 b  
 5521 AIT NL

