

# Hypertrophic Cardiomyopathy Screening Examination Findings

## PATIENT INFORMATION

|                                                           |                                                            |                                                           |
|-----------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|
| Owner/agent name<br><u>Ronzis Sarah</u>                   | City/State<br><u>Crmex</u>                                 | Phone number<br><u>+41 79 206 75 44</u>                   |
| Cat's registered name<br><u>Selenia av Skara Brae</u>     | Breed<br><u>Norwegian</u>                                  | Date of birth<br><u>31 oct 2009</u>                       |
| Cat's registration number/registry<br><u>FFH LO 73787</u> | Sire's registration number/registry<br><u>FFH LO 69566</u> | Dam's registration number/registry<br><u>FFH LO 73783</u> |

I certify that I am the owner of or agent for this cat, and that the cat presented for examination is the cat described above.

Owner/agent: [Signature] Date: 23/12/11

## VETERINARIAN INFORMATION

|                                                                  |                     |                                      |
|------------------------------------------------------------------|---------------------|--------------------------------------|
| Name: <b>Chris Amberger</b>                                      | Date of examination | Equipment make <b>MEGAS 7000CFM</b>  |
| Address <b>96, rue de la Servette CH 1202 Geneva Switzerland</b> |                     | Phone number <b>+41 22 734 42 48</b> |

## PHYSICAL EXAMINATION

|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weight: <u>3.880</u> lb <input checked="" type="checkbox"/> kg                                           | Auscultation:<br><input checked="" type="checkbox"/> Normal<br><input type="checkbox"/> Gallop<br><input type="checkbox"/> Murmur. Characteristics:<br>Grade: I II III IV V VI <input type="checkbox"/> Dynamic <input type="checkbox"/> Static<br>Timing: <input type="checkbox"/> Systolic <input type="checkbox"/> Diastolic <input type="checkbox"/> Both <input type="checkbox"/> Continuous<br>Location: <input type="checkbox"/> Left apex (sternum) <input type="checkbox"/> Left base<br><input type="checkbox"/> Other, describe: |
| Heart rate: <u>188</u> bpm                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/> Dehydrated <input type="checkbox"/> Pregnant <input type="checkbox"/> Lactating |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/> Other, describe:                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Comments:                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## ECHOCARDIOGRAM

|                                                                                    |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IVSd <u>5.5</u> <input type="checkbox"/> cm <input checked="" type="checkbox"/> mm | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D | Subjective left atrial size:<br><input checked="" type="checkbox"/> Normal<br><input type="checkbox"/> Mild enlargement<br><input type="checkbox"/> Moderate enlargement<br><input type="checkbox"/> Severe enlargement<br><br>Systolic anterior motion of the mitral valve: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If yes, LV outflow tract flow velocity (Doppler): _____<br>End-systolic cavity obliteration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Papillary muscles:<br><input checked="" type="checkbox"/> Normal<br><input type="checkbox"/> Abnormal, moderate enlargement<br><input type="checkbox"/> Abnormal, severe enlargement |
| LVIDd <u>16.2</u>                                                                  | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LVFWd <u>8.6</u>                                                                   | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| IVSs <u>6.6</u>                                                                    | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LVIDs <u>10.0</u>                                                                  | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LVFWs <u>8.2</u>                                                                   | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SF <u>101</u>                                                                      | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ao <u>8.7</u>                                                                      | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D | Comments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LA <u>12.6</u>                                                                     | <input type="checkbox"/> M-mode <input type="checkbox"/> 2-D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LA/Ao <u>1.37</u>                                                                  |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## ASSESSMENT/DIAGNOSIS

☒ Normal (A normal examination today does not mean that HCM will not develop in the future.)

☐ Equivocal

☐ Findings suspicious of mild or early HCM

☐ HCM: ☐ Mild ☐ Moderate ☐ Severe

Comments:

## RECOMMENDATIONS

Recheck examination: ☐ None ☐ 6 months ☐ 1 year ☒ 2 years

Comments:

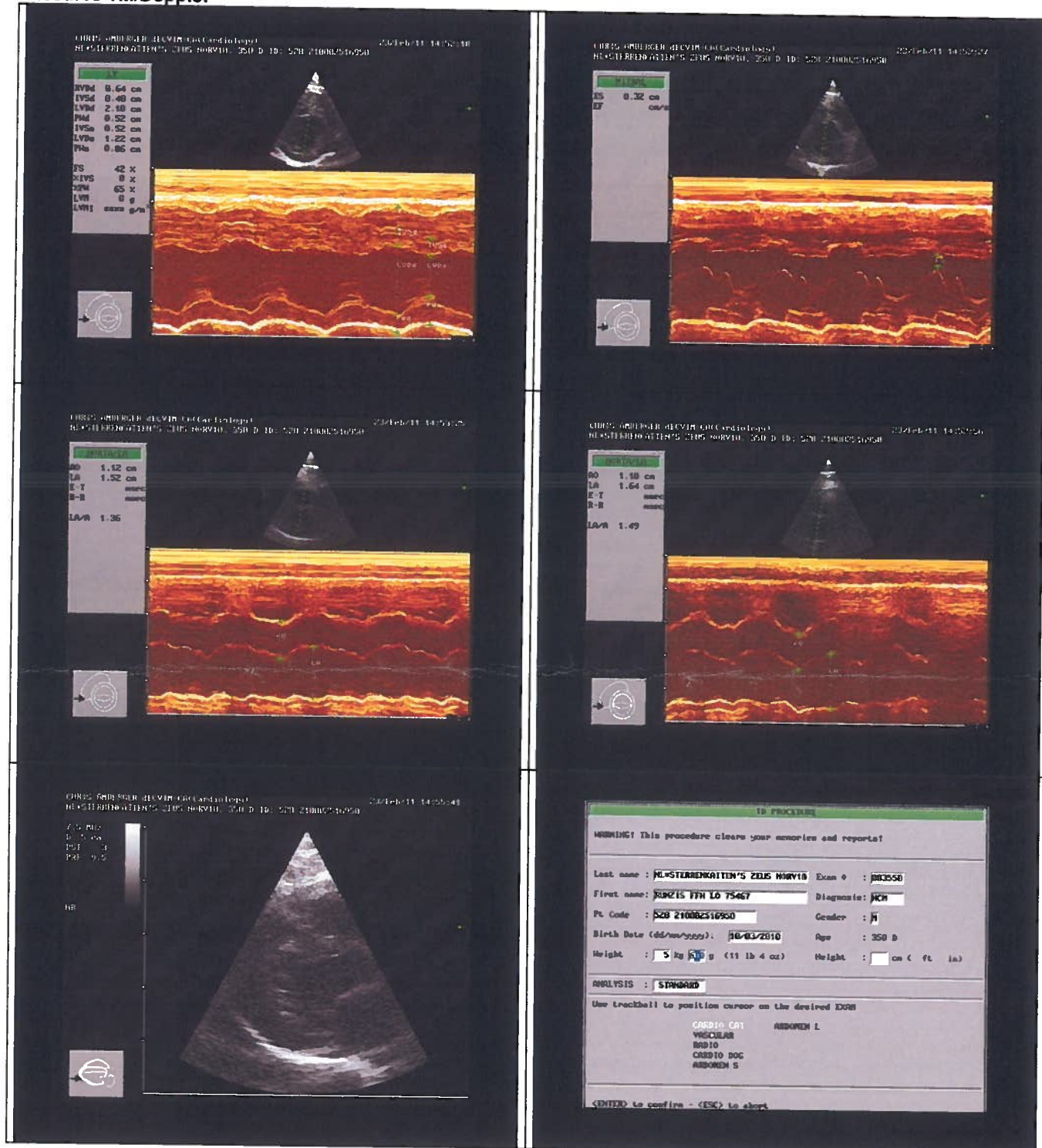
|                                                                                                                                        |                                                   |                           |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------|
| Veterinarian's signature<br><u>[Signature]</u><br>Dr. Christophe Amberger - DECVM (Cardio), MEd Vét SUS<br>1202 Genève - www.imavet.ch | Area of specialty<br><b>DECVM-CA (Cardiology)</b> | Date<br><u>23/12/2011</u> |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------|



**CABINET VETERINAIRE & CENTRE D'IMAGERIE**



# Mesures TM/Doppler



## Rapport :

Cœur de taille normale

Dr Christophe Amberger,  
022 734.42.48

médecin-vétérinaire  
022 733 97 06

96, rue de la Servette 1202 Genève  
[chamb@bluewin.ch](mailto:chamb@bluewin.ch) 24.02.2011

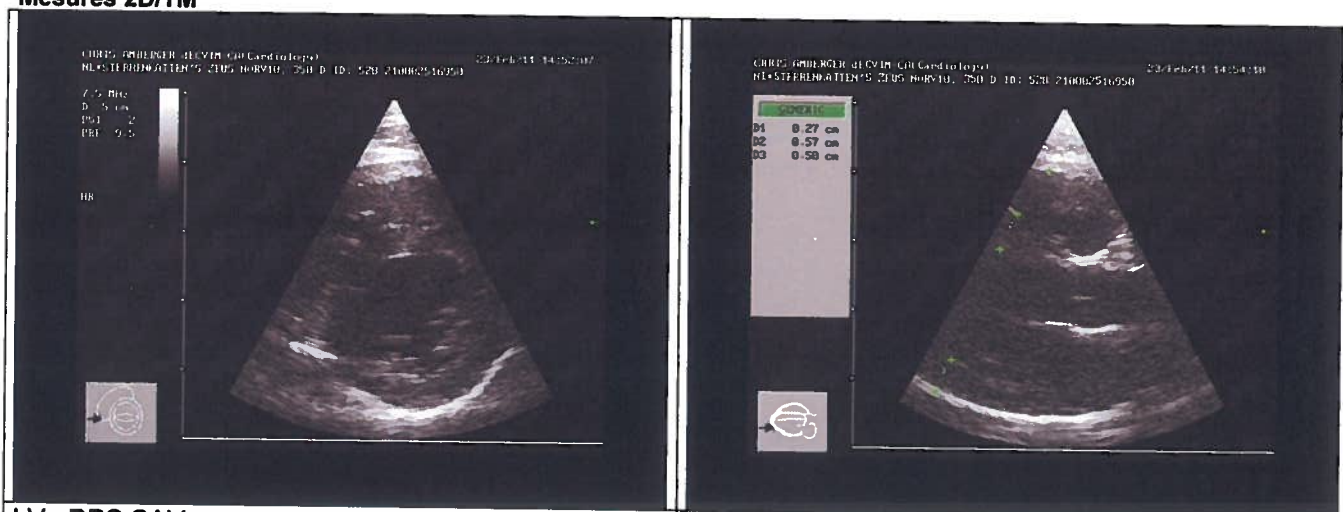
**Patient:**

Propriétaire : Sarah Runzis  
Adresse : 01210 Ornex  
Téléphone : 079 205 75 94

Animal : « Zeus »  
Race : Norvégien  
Date de naissance : 10.03.2010

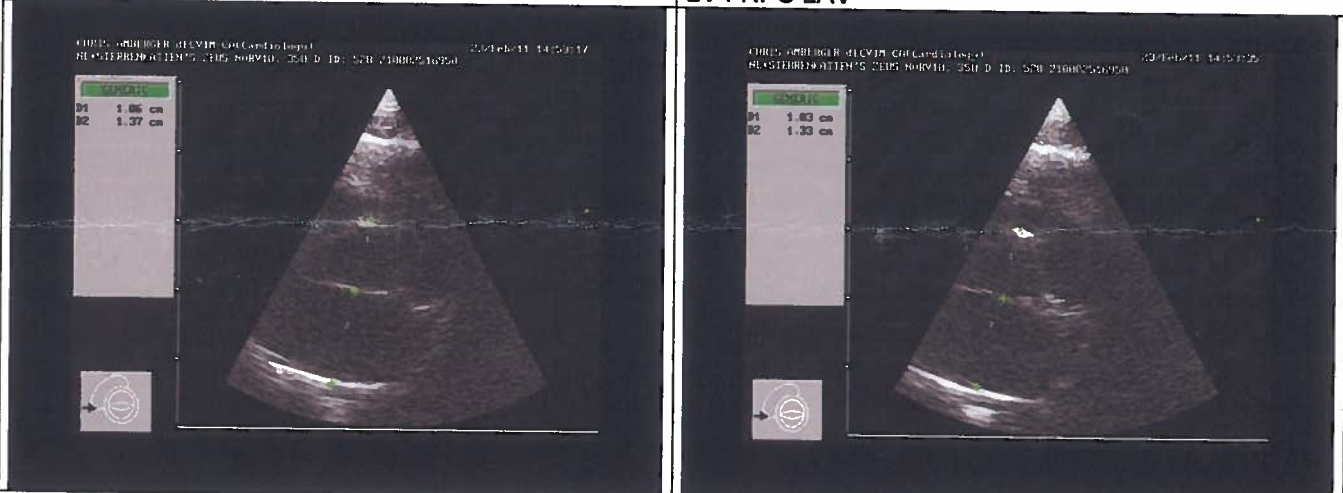
Date de l'examen : 24.02.11  
Première visite : Oui  
Contrôle après :

**Anamnèse: Dépistage CMH**  
**Mesures 2D/TM**



LV : RPS SAV

LV : RPS LAV



LA/Ao : RPS SAV

Ao/Ap : RPS SAV

**Rapport :**

|                          |            |                           |             |      |
|--------------------------|------------|---------------------------|-------------|------|
| Poids [kg]               | 5.6        | Surface [m <sup>2</sup> ] | 0.32        | 21   |
| ESV [ml/m <sup>2</sup> ] | 11         | CO [l/min]                | LVIDd/Ao    | 1.88 |
| LVIDs [mm]               | 12.2       | Q                         | LA/Ao       | 1.36 |
| Aorta [mm]               | 11.2       | 11                        | LA [mm]     | 15.2 |
| STI:                     | PEP [msec] |                           | LVET [msec] |      |
| LA/AO 2D                 | LA [mm]    | 14                        | AO [mm]     | 10.3 |
| LA/AO                    | 1.33       | Ap/Ao                     | 0.96        |      |
| PEP/LVET                 | #VALEUR!   | 42%                       | Apulm [mm]  | 9.9  |

LVWd et IVSDd < 5.5 mm  
Cœur de taille normale

|                                              |                       |                          |           |
|----------------------------------------------|-----------------------|--------------------------|-----------|
| Center: CHUIS AMBERGER (ECVIM-CA Cardiology) |                       | 23/Feb/11 14:55          |           |
| PATIENT: RUNZIS SARAH LO 75467.350 D         |                       | Bkg: HCR                 |           |
| ID: 528 210002516958                         |                       | BSA: 0.80 m <sup>2</sup> |           |
| Height: 5.600 kg                             |                       | Height:                  |           |
| R-MODE                                       |                       |                          |           |
| LV                                           |                       | AORTA/LA                 |           |
| RV diameter (dia)                            | 0.64 cm               | AO diameter              | 1.12 cm   |
| IV septum (dia)                              | 0.48 cm               | Left atrium              | 1.52 cm   |
| LV diameter (dia)                            | 2.10 cm               | Ejection time            | / msec    |
| LV post.wall (dia)                           | 0.52 cm               | R-R interval             | / msec    |
| IV septum (avg)                              | 0.52 cm               | Left atrium/AO dia       | 1.36      |
| LV diameter (avg)                            | 1.22 cm               |                          |           |
| LV post.wall (avg)                           | 0.06 cm               |                          |           |
| Fract. shortening                            | 42 %                  |                          |           |
| Septum thickening                            | 0 %                   |                          |           |
| PW thickening                                | 65 %                  |                          |           |
| LV mass                                      | 0 g                   |                          |           |
| LV mass index                                | 0.00 g/m <sup>2</sup> |                          |           |
|                                              |                       | MITRAL                   |           |
|                                              |                       | E-septum EF slope        | 0.32 cm/s |
|                                              |                       |                          | cm/s      |