

## **Case Log Cardiology**

### **Short instructions how to use this template:**

At the bottom of the page are different tabs: use them to navigate.



You can add your name and abbreviations in “abbreviation” tab.

“Case log” is the one you need to fill out.

“Summary” calculates number of diseases, species, staging etc.

### **Case log explanations and instructions:**

The case log for the **ESAVS Master / Cardiology** shall contain at least 200 cases mostly compiled in the second half of the program.

Among the 200 cases, not less than 60 cases in cats and 60 cases in dogs. Other species are possible but not mandatory.

**NOTE:** some fields have dropdown lists, from which you can choose: “species”, “diagnosis code”, “stage” and “Type of disease code”; please use them, as it will help to evaluate the case log.

## Cardiology

**The following cases categories are mandatory** (individual cases should not be placed in more than one category – choose the one that seems the major diagnosis):

1. 80 cases of acquired cardiac diseases (DCM, pericardial effusion, MMVD, heartworm, endocarditis etc.)
2. 30 cases of congenital diseases (for example PDA, pulmonic stenosis or aortic stenosis, tetralogy of Fallot, VSD, ASD etc.
3. 40 cases of feline cardiomyopathy
4. 10 cases of heart failure (can be from categories above - it is not a separate diagnosis; the numbers are calculated from staging category)
5. 10 cases of arrhythmias
6. 6 cases of syncope

**For each case in Cardiology, the following information is mandatory (information is provided as an example)**

1. **Date:** 10 February 2017.
2. **Name or file number:** Dougal, File 538743.
3. **Signalment incl. body weight:** Dog, crossbred, 10y, neutered female, 10 kg
4. **Species:** use the [dropdown menu](#) by clicking in the cell (dog, cat, exotics, small mammals, others)
5. **Major complaint/ Problem:** heart murmur and dyspnea
6. **Examinations (ECG, ECHO, Radiographs, Holter, ...):** Radiographs show a left ventricular enlargement, LA is severely enlarged, VHS 12, alveolar lung pattern caudodorsally, pulmonary veins dilated. Echocardiography shows reduced systolic function LVIDs-n 1.4 or: LVIDs 36 (normal 25), FS 18 % (normal 25 %) SMOD: 60 ml. The LV is also volume overloaded (M-Mode: LVIDd-n 1.95 cm, LVIDs-n 0.9 cm, LVIDd 65 (normal 50). SMOD EDV 1,06 ml/kg, SMOD ESV 35 ml (normal 30 ml, EPSS 8 mm (<6mm). Moderate secondary mitral insufficiency. ECG shows hypervoltage (3.5 mV) and atrial fibrillation with average heart rate of 240/min
7. **Diagnosis:** DCM and atrial fibrillation
8. **Diagnosis code:** use the [dropdown menu](#) and choose one of the diseases (helps with automatic calculation of different diseases)
9. **Treatment:** initial stabilisation with Furosemide 5 mg/kg IV every hour until respiratory rate was 40/min. Pimobendan IV. Long term management with Pimobendan, Furosemide (3 mg/kg TID), ACE-I BID. Atrial fibrillation was treated with digoxin 0.022 mg/BSA.
10. **Stage:** use ACVIM staging system for MMVD, DCM, Feline CM.
11. **Complications/Results:** after one week atrial fibrillation rate was 140/min. Digoxin level was measured.
12. **Follow-up:** dog was stable for 1 months, then again pulmonary edema- Resolved with additional diuretic (Hydrochlorothiazide 1 mg/kg BID)
13. **Your comment:** owner shall count respiration rate
14. **Code:** use [dropdown menu](#)

**The case log needs to be compiled as an excel file using the template in the appendix**

Abbreviations may be used but must be explained at the beginning of the case log table. List the cases in chronological order.

A case log may not be acceptable and may be rejected in its entirety if critical concerns regarding one or more categories result in a fail, regardless of whether all other required criteria are adequately met.