

## Case Log for the European Master of Small Animal Veterinary Medicine / Cardiology

### Case log explanations and instructions:

The case log for the European Master of Small Animal Veterinary Medicine / 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.

### The following cases categories are mandatory (individual cases may include more than one category):

1. 40 cases of acquired cardiac diseases (DCM, pericardial effusion, MMVD, heartworm, endocarditis etc) (code AD).
2. 20 cases of congenital diseases (for example PDA, pulmonic stenosis or aortic stenosis, tetralogy of Fallot, VSD, ASD etc. (code CD).
3. 20 cases of feline cardiomyopathy (code FC).
4. 10 cases of heart failure (can be from categories above)
5. 5 cases of arrhythmias (code AR).
6. 3 cases of syncope (SY)

### 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** : Dog, crossbred, 10y, neutered female'
4. **Major complaint/ Problem** : heart murmur and dyspnea
5. **Examinations (ECG, ECHO, Radiographs, Holter, ...)** : Radiographs show a left ventricular enlargement, LA is severely enlarged, VHS 12, alveolar lung pattern caudadorsally, pulmonray veins dilated. Echocardiography shows reduced systolic function LVIDs 36 (normal 25), FS 18 % (normal 25 %). The LV is also volume overloaded (M-Mode LVIDd 65 (normal 50). Moderate secondary mitral insufficiency. ECG shows hypervoltage (3.5 mV) and atrial fibrillation with average heart rate of 240/min
6. **Diagnosis** : DCM and atrial fibrillation
7. **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.
8. **Complications/Results** : after one week atrial fibrillation rate was 140/min. Digoxin level was measured.
9. **Follow-up** : dogs was stable for 1 months, then again pulmonary edema- Resolved with additional diuretic (Hydrochlorothiazide 1 mg/kg BID)
10. **Your comment** : owner shall count respiration rate
11. **Code** : AD

**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