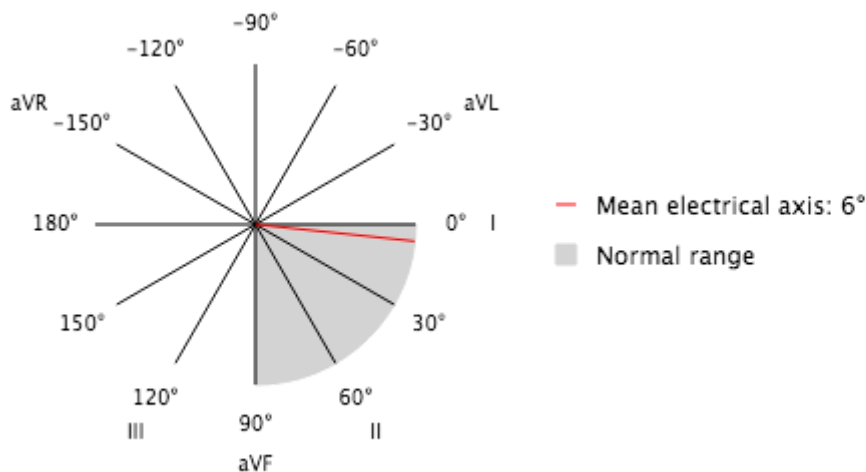


Type: Rest ECG **Date:** 28/09/2018 10:00:30 **Duration:** 00:02:51

Patient name:	Luna	Weight:	12.0 kg	Species:	Dog
ID:		History	Fainted during a walk	Breed:	Mixed
Email:		Medications:		Owner:	
Phone Number:		Code-procedure		Spayed/Neutered	Yes
Sex:	F				
Age:	7 Months				



Mean electrical axis:



Report / Conclusion:

A detailed analysis of 6 different leads was performed. Heart rate and rhythm, measurable intervals and amplitudes, and deflection morphology were all examined and revealed the following data:

HR= 364 bpm
P= Not Applicable
PR= Not Applicable
QRS= 120 ms
R= 0.4 mV
QT=280 ms

The heart rhythm is ventricular tachycardia of an extremely rapid rate, likely originating from the right ventricle. This explains the pallor and fainting and is also life-threatening.

Conclusions and recommendations: This is an emergency case. Administer intravenous lidocaine at 2 mg/kg (up to 3 times if needed) and repeat the ECG immediately to see if sinus rhythm has recurred (along with an audible murmur). Then start Sotalol (40 or 80 mg tablets) at 20 mg PO twice daily, and refer to an echocardiographic examination as soon as possible.