



ECG 1% (8mmHg) per div. 50 mm /sec ECG x 1.0 14:40:55 - 00:00:00

Muffy : Dec 01, 2009 14:40:55

EPISODE INFORMATION:

Episode Date: Dec 01, 2009 14:40:55
 Episode Duration: 00:13:42
 Patient Name/ID: Muffy
 Owner: Jones, Robert
 Species: Canine
 Breed: Wolf, Timber
 Birth Date: 7/2003
 Sex: Female - Spayed
 Weight: 90

MEASUREMENTS (click label to select measurement):

Elapsed Time:
 R-R Interval: 0.466 sec, 129 bpm
 P Wave: 0.026 sec, 0.27 mV
P-R Interval: 0.132 sec
 QRS Complex:
 S-T Segment:

 T W
 Q-T
 C

Background on Measurement of P-QRS-T ECG Waveforms

Measuring the P-QRS-T

P wave represents depolarization of the atria, and its duration indicates the time required for an impulse to pass from the sinoatrial (SA) node to the atrioventricular (AV) node.

- The normal P wave on lead II is small, positive and rounded.
- It is measured from the upper edge of the baseline to the top of the P wave.
- The width of the P wave is measured at its inside, from the start to the end of the deflection from the baseline.



P-R interval reflects activation of the AV junction.

- It is measured from the beginning of the P wave to the beginning of the Q wave (R wave, if no Q wave is present).



QRS complex represents depolarization of the ventricles.

- The width of QRS complex is measured from the beginning of the first deflection to the end of the final deflection of the complex.
- The height of the R wave is measured from the top edge of the baseline to the peak of the R wave.
- The depth of the Q or S wave is measured from the bottom edge of the baseline to the lowest part of the Q or S, respectively.



Event Date / Time	Elapsed	Event	HR (bpm)	RR
12/01/2009 14:41:40	000:00:45	HR < 80	78	31
12/01/2009 14:43:55	000:03:00	HR < 80	78	30
12/01/2009 14:44:22	000:03:27	Temp < 95.0	55	28
12/01/2009 14:45:54	000:04:59	Vitals	114	23
12/01/2009 14:46:12	000:05:17	HR < 80	78	22
12/01/2009 14:48:27	000:07:32	HR < 80	78	24
12/01/2009 14:50:43	000:09:48	HR < 80	78	32
12/01/2009 14:50:52	000:09:57	Vitals	65	32
12/01/2009 14:52:59	000:12:04	HR < 80	78	27

99.4