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Electrocardiographic Studies of Dogs Infested with *Dirofilaria immitis*.

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Electrocardiograms were taken of 3 dogs uninfested and of 2 infested by *Dirofilaria immitis*. No significant differences were found. One normal and 2 infested dogs were then exercised moderately, electrocardiograms being recorded shortly before and immediately after running for 10 min. on a treadmill. In the normal dog and in one infested, exercise produced no significant changes. In the other dog, however, the QRS interval was slightly prolonged (0.04 to 0.05 sec.); the R wave amplitude was decreased in all leads (from 16.0 mm. to 10.5 mm. in lead II); and the T wave in lead I was inverted (from an amplitude of 1.0 mm. upward to 1.0 mm. downward), while in lead II, T changed from a height of 2 mm. to zero or isoelectric.

The change in the T wave is like that observed in man during anginal attacks.¹

¹ Feil, H., and Siegel, M. L., *Am. J. Med. Sci.*, 1928, clxxv, 255.