

Tachycardia-induced cardiomyopathy (Tachycardiomyopathy) in a Bull Terrier dog.

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Persistent supraventricular tachyarrhythmias can cause a deterioration of cardiac function known as tachycardia-induced cardiomyopathy (T-CMP) or tachycardiomyopathy in human. A six-year-old intact female Bull Terrier dog (weighing 17 kg) was referred at Veterinary Teaching Hospital in Kangwon National University with the primary complaint of exercise intolerance and occasional syncope. The electrocardiogram and diagnostic imaging studies revealed cardiomyopathy induced by tachyarrhythmia (tachycardiomyopathy). The dog was managed with diuretic drug (furosemide), vasodilator (enalapril) and antiarrhythmic drug (dofetilide, digoxin). This case study presents a rare case of tachycardia-induced cardiomyopathy in dogs.

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