

Anterior Fascicular Tachycardia Masking Atrial Fibrillation and Causing Reversible Cardiomyopathy



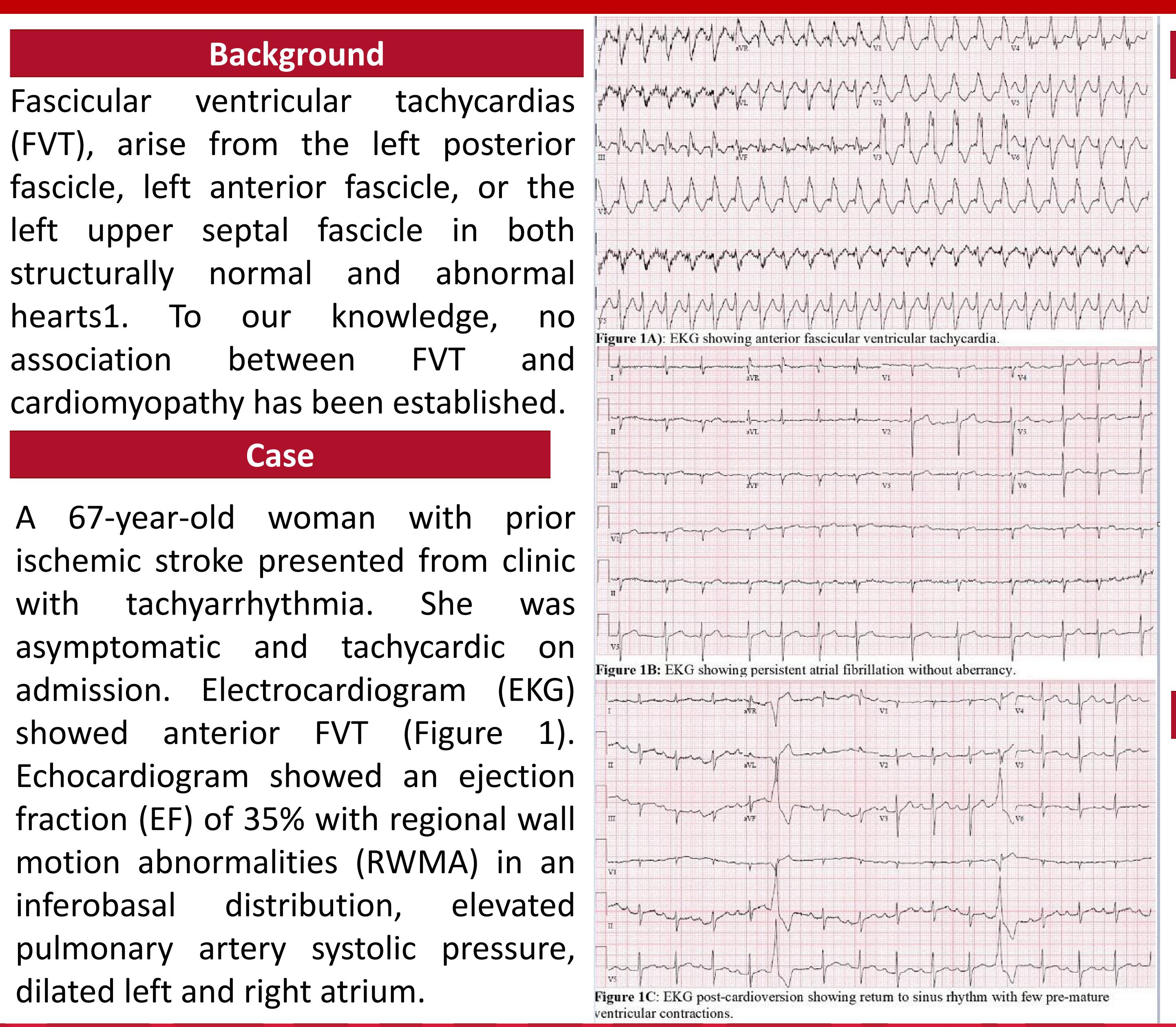
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Background

ventricular Fascicular left upper septal fascicle in both structurally and abnormal normal knowledge, our association between cardiomyopathy has been established.

Case

A 67-year-old woman with prior ischemic stroke presented from clinic tachyarrhythmia. asymptomatic and tachycardic admission. Electrocardiogram showed anterior FVT (Figure Echocardiogram showed an ejection fraction (EF) of 35% with regional wall motion abnormalities (RWMA) in an distribution, inferobasal elevated pulmonary artery systolic pressure, dilated left and right atrium.



Decision Making

Despite the patient's reduced EF, we chose for arrhythmia verapamil termination since she decompensated heart failure and able to tolerate its negative ionotropic effects. Verapamil terminated FVT and guidelinedirected medical therapy (GDMT) led to immediate recovery of EF. She was later successfully cardioverted to NSR for atrial (AF). Aggressive fibrillation rhythm control was pursued in both cases as simultaneous AF ventricular and tachycardia potentially have can deleterious hemodynamic effects.

Conclusion

A high index of suspicion is necessary to differentiate FVT from AF with aberrancy, as treatment differs between the two. Verapamil can be used cardiomyopathy to terminate FVT with careful monitoring and consideration.



