

**P182****Long-term heart rate turbulence analysis versus variability in patients with dilated cardiomyopathy**

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The subject of investigation describes the suitability and correlations of heart rate turbulence (HRT) analysis compared to heart rate variability (HRV) to characterize the differences in cardiovascular regulation between patients with dilated cardiomyopathy (DCM) and healthy controls. Holter-ECGs from 53 DCM patients and 53 healthy volunteers were examined. The HRT and HRV parameters show significant changes in autonomic cardiovascular control. Compared to HRV parameters, HRT parameters did not improve the rate of discrimination of DCM patients and healthy controls. The high correlation between the HRT and the HRV parameters suggests that similar dynamic phenomena of cardiovascular regulation are recorded.