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ABSTRACT BOOK



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Holter experiences obtained during Real-Flight: Evaluation of QT dispersion

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The evaluation of clinical-prognostic significance of arrhythmias is a new but not clearly defined indication for Holter monitoring which is widely used in determination of life-expectancy of patients with CAD or just have suffered myocardial infarction. In our presentation we have looked for answers to the following questions: might the complex psychical-physical effects of flight influence the arrhythmias registered by ground-based medical examinations; can the enhanced ectopic activity result in inflight incapacitation. Besides the statistical evaluation of the number of ectopic beats on the Holter ECG- the statistical analysis of variability of QT-interval during the different phases of flight (takeoff/landing, acrobatics) could be a useful method for this purpose.