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## **SIGNAL ANALYSIS IN IMPEDANCE CARDIOGRAPHY**

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### **ABSTRACT**

Cardiovascular diseases are the leading cause of death worldwide according to the World Health Organisation. Impedance cardiography (ICG) is a noninvasive and safe method to measure changes in the total electrical conductivity of the thorax. ICG is a new approach for monitoring of cardio-dynamic parameters such as heart rate, ventricular ejection time, cardiac output and stroke volume. From the ICG signal, four characteristic points can be extracted: B, C, X and O. Next to the electrocardiography (ECG), ICG can be very useful method for analysis of key parameters in cardiovascular system.

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### **REFERENCES**

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