

Accepted Manuscript

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PII: S1871-4021(17)30079-6
DOI: <http://dx.doi.org/doi:10.1016/j.dsx.2017.04.006>
Reference: DSX 760

To appear in: *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*

Please cite this article as: Sarapultsev Petr, Yushkov Boris, Sarapultsev Alexey. Prevalence of Arrhythmias in Patients with Type 2 Diabetes and the Role of Structural Changes in Myocardium in their Development. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews* <http://dx.doi.org/10.1016/j.dsx.2017.04.006>

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Prevalence of Arrhythmias in Patients with Type 2 Diabetes and the Role of Structural Changes in Myocardium in their Development

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Highlights

- Tachy- and bradycardia episodes were identified in 74-100 % of patients.
- Supraventricular extrasystoles were identified in 75 % of patients.
- The ventricular cardiac arrhythmias were identified in only 25% of patients.
- The study revealed the morphological restructuring of the right chambers of the heart
- The incidence of arrhythmias depends on the restructuring of the right heart.

Abstract

Objective. The aim of the study was to evaluate the prevalence of arrhythmias in patients with type 2 diabetes and their relationships with the structural parameters of the heart.

Methods. A retrospective case-control study was conducted using clinical and biochemical profiles of patients with diabetes at the Endocrinology Centre and City Clinical Hospital No. 40, Ekaterinburg, Russia.

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