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| OPEN BACCESS Prevalence of arrhythmias in heavy vehicle drivers | | | | WJCD Subscription | |
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| Author(s) Levent Özdemir, Okan Onur Turgut, Ferhan Candan, Seher Arslan | | | | About WJCD News | |
| ABSTRACT Dejective: In our study we aimed to determine the frequency of arrhythmias that we believe may affect driving safety. Methods and Results: Two hundred drivers were randomly selected from the neavy vehicle driver population (82 bus and 118 truck drivers, $p = 0.08$, $q = 0.92$, $N = 1200$, $a = 0.01$, d = 0.045). A questionnaire was completed via face to face interviews with the individuals including questions about their personal socio-demographic characteristics and symptoms for arrhythmias. An | | | Frequently Asked Questions | | |
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| electrocardiography (ECG) was taken of the study participants using the Cardioline Delta 3 Plus Digital CG machine. The cardiologist at the clinic evaluated the questionnaire and ECG for presence of arrhythmias. When indicated, ambulatory electrocardiography (Holter Monitoring) was performed for 24 | | | | Contact Us | |
| burs in 133 individuals (71 driver and ctopy was identified in 25.4% and 22. | 62 control). In cases | s that had Holter examina | ation; ventricular | Downloads: | 15,242 |
| river and the control groups; respectiver and the control groups; respectively the frequencies were 59.1%, | tively. Ventricular t | achycardia was detected | d in 2 patients. | Visits: | 70,963 |
| respectively. Statistical differences between drivers and control group for rhythm disorders were not detected. Conclusions: Arrhythmias with lethal and devastating potential; need to be diagnosed and treated in professional drivers with extreme caution. The follow up and screening for heart diseases has a crucial role in preventing accidents and occupational diseases in drivers. | | | | Sponsors, Associates, and Links >> | |
| EYWORDS rhythmia; Supra-Ventricular Ectopy; Ven | tricular Ectopy; Driver | s; Prevalence | | | |
| ite this paper zdemir, L. , Turgut, O. , Candan, F. ar ivers. <i>World Journal of Cardiovascular Dis</i> e | | • | in heavy vehicle | | |

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