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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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