

A Study on the Association of Blood Groups with Cardiovascular Risk Status

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ABSTRACT In the present study, an attempt has been made to find out whether there exists any relationship between blood groups and the risk for cardiovascular disease based on 500 subjects from Nellore district of Andhra Pradesh. Mean values of systolic and diastolic blood pressures were higher in O group individuals, whereas those of serum lipids (total serum cholesterol, triglycerides, HDL cholesterol and LDL cholesterol) were higher in AB group subjects as compared to other blood groups. Rh (D) positive individuals had higher blood pressure and lower serum lipids levels. The prevalence of risk status was higher in individuals with AB blood group than in Rh (D) positives but this study did not show any significant association of blood groups with the cardiovascular risk factors.