## ANXIETY, INTERNET ADDICTION AND PULSE WAVE ANALYSIS IN MEDICAL STUDENTS

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Psychosocial factors are related to cardiovascular risk. The present study aimed to assess the relationship between anxiety, internet addiction, and variables resulting from pulse wave analysis in medical students.

A total of 30 medical students, aged 24±0.6 years, 80% female, underwent pulse wave analysis using a Mobil-O-Graph. Anxiety level and internet addiction were assessed using the Hamilton Anxiety Rating Score (HAM-A) and Internet Addiction Assessment questionnaire (IAA), respectively.

Central systolic blood pressure (SBPc), augmentation index and pressure (AI, AP), pulse wave velocity (PWV), IAA, and HAM-A scores were, as follows:  $103 \pm 9.62$  mmHg,  $25 \pm 10.62\%$ ,  $25 \pm 10.62\%$ , 25

**Keywords:** pulse wave analysis, pulse wave velocity, augmentation index, internet addiction, anxiety

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