

A REACTION OF CARDIOVASCULAR SYSTEM ON ISOCAPNIC HYPOXIA IN ELDERLY PEOPLE

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Summary

The age peculiarities of regulation of cardiovascular system were studied in the conditions of isocapnic hypoxia (inhalation of the gas mixture with 12 % O₂).

It was found; that in elderly people the inspiration of the hypoxic mixture changed the autonomic balance and blood pressure more significant ($p < 0,05$), than in younger people. This testified to the greater intensity of sympathetic-adrenal system in the conditions of the hypoxic stress in elderly people, confirming the decrease of the tolerance to hypoxia.