

Effect of cobalt on parameters of the cardiovascular system in elementary school children

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Abstract

High incidence of cobalt deficiency (89%) was found in 7-8-year-old girls residents of the Republic of Tatarstan. Significant correlations were revealed between parameters of physical development and cardiovascular system and hair cobalt content. These data suggest that positive balance of cobalt is essential for normal growth and development of child's body and function of the cardiovascular system. © 2013 Springer Science+Business Media New York.

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Keywords

cardiovascular system, children, trace elements