Tomosynthesis in the Study of the Musculoskeletal System in Children and Adolescents (a Review of the Literature)

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Abstract

The article discusses the possible application of tomosynthesis for research of the musculoskeletal system in children and adolescents. It is shown that the method of tomosynthesis according to number of characteristics exceeds not only radiography, but computed tomography also. The method is already used for diagnostics of various diseases of the musculoskeletal system: tumors, tuberculosis, rheumatoid arthritis and other. However, in pediatric practice it is rarely used. The use of tomosynthesis for diagnosis of musculoskeletal system diseases in children and adolescents has significant prospects.

Key words: Tomosynthesis, Diseases of the Musculoskeletal System, Children and Adolescents, Early Diagnosis.

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