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FEATURES OF STRUCTURAL AND FUNCTIONAL PROPERTIES OF BONE TISSUE IN PATIENTS WITH SOMATIC PATHOLOGY. POSSIBILITY OF DENTAL IMPLANT

We detect early pathological changes musculoskeletal system and recommend preventive measures to ensure the effective reduction in the risk of violations of structural and functional properties of bone with osteopenia and osteoporosis in patients with dental implants.

The analysis of the structural-functional state of bone tissue in patients examined showed that of 200 patients only 64 (32%) patients' densitometric parameters – FE CT, SRU, SHOW answered age norm. The remaining 136 (68%) patients were found breach of the structural and functional properties of bone as osteo-

penia different severity in 108 (79.41%) and osteoporosis in 28 (20.59%) patients.

Completed research of the main parameters of the structural and functional state of bone tissue, bone formation markers and the levels of calcium regulating hormones on patients, who have been planning dental implants, discovered imbalance of bone strength characteristics, changes in the levels of calcium regulating hormones and markers of bone formation, indicating the need for prevention and treatment carried out for this group of patients at all stages of the care and treatment.