

The comparative characteristic of stones of different genesis from the human body on albuminous the component

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Keywords: albuminous a component, amino acid, uric stones, tooth and salivary stones, crystallisation, microcells, cluster analysis.

Abstract

The presence and quantify of amino acid content in the organic component of the kidney, tooth and salivary stones of different mineral composition has been revealed. With the use of cluster analysis significant relationships between the amino acid, mineral and elemental composition of renal, dental and salivary stones were established. Distinctions between amino acid composition of physiological solutions (urine and oral fluid) and organomineral aggregates formed in these solutions have been shown. The conclusion about the effect of the protein components in the crystallization processes of pathogenic phases in the human body is drawn.