



to statistically significant improvement of vascular endothelial function effective correction of neurohumoral component in patients with decompensated heart failure occurred. Improved peripheral vasomotor reactions and functional state of the endothelium is an important component of torasemide impact in patients with CHF.

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BETA-2-MICROGLOBULIN AS DIAGNOSTIC MARKER OF RENAL LESIONS IN RHEUMATOID ARTHRITIS

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Over the last years a growth of the renal morbidity has been observed in patients with rheumatoid arthritis (RA), a need of elaborating approaches to an early diagnosis of these abnormalities has arisen. The object of our research was detecting renal complications in patients with rheumatoid arthritis at early stages. The blood and urinary level of β 2-microglobulin was evaluated for this purpose.

The authors examined 28 patients with rheumatoid arthritis of a diverse duration of the disease. The control group consisted of 10 apparently healthy persons. The gender distribution: 11 persons were men and 17 - women. The age of the subjects ranged from 34 to 62 years (the average age is 48 years). β 2-microglobulin in the blood and urine was determined by means of the method of the immune-enzyme analysis.

An raised level of the blood serum level was revealed in 17 patients among those examined, 9 of them manifesting its presence in urine. An elevation of β 2-microglobulin based on bibliographical findings points to a lesion of the renal interstitial tissue. As a result of further thorough examination of these patients we revealed glomerulonephritis in 8 patients (28,6 %), interstitial nephritis – in 3 subjects (10,7 %), amyloidosis in 3 persons (10,7 %). Primary renal dysfunctions were detected in 3 persons (10,7%). While carrying out conventional research methods, renal pathology could be verified only in 9 patients with RA with a prolonged antecedent anamnesis. No dependence of the β 2-microglobulin level on the age and gender was revealed.

Carrying out the above-mentioned studies in patients with RA will make it possible to improve an early detection of terrible affections on the part of the kidneys that will contribute to raising the efficacy of treating patients and prolonging their life span.

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EFFICACY OF SOME HERBAL DRUGS ADMINISTRATION FOR PATIENTS WITH UROLITHIASIS

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Objective of the research was to improve the results of an integrated treatment of urolithiasis patients administering phytopreparation "Uronephron" («Фармак», Ukraine).

The examination involved 25 patients with ultrasound symptoms of uratic diathesis or urinary-stone disease. The age of patients ranged from 37 to 72, with disease duration from 15 to 37 years. All patients were treated with the preparation "Uronephron"(phytoextract liquid *Allium Cera L.*, *Rhizoma Agropyri*, *Betulae folium*, *Foenugraeci semen*, *Radix Petroselini*, *Solidaginis herba*, *Equiseti herba*, *Polygoni avicularis herba*, *Radix Levistici*): 30 drops 3 times a day for 1 month.

All the patients were observed to have frequent urination (quantitatively and qualitatively), clouding of urine, as well as moderate acceleration of pain syndrome regress. Beginning with the 7-10 day the frequency of urination was close to normal, the patients noted the increase of urine transparency with episodes of turbidity, and reduced discomfort in the loin. It was important that the symptoms related to cholecysto-hepatopathy, syndrome of bowel irritation became regressive as well. After 2 weeks of "Uronephron" intake, all the patients noticed a significant reduction (80% of all patients) or complete absence (20% of all patients) of subjective clinical manifestations of urine acid diathesis. Moreover, it was accompanied by a positive dynamics of urinary sediment changes. These facts can be explained by the presence of active components of "Uronephron": lovage root extract, centaury herb, rosemary leaves. Their combined effect causes diuretic, lytolic, spasmolytic, vasodilatory, anti-inflammatory, antiseptic, antioxidant and general strengthening actions. Safety and tolerance of "Uronephron" was considered to excellent or good for all the patients.

"Uronephron" is a complementary treatment for patients with urolithiasis, a valuable herbal remedy, which affects renal manifestations of the disease and reduces symptoms, which frequently occurs in these patients, connected with lesions of the digestive system.

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NEBULISER THERAPY FOR PREVENTION AND TREATMENT OF VIRAL-INDUCED BRONCHIAL ASTHMA EXACERBATION

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The prevention of infection-dependent exacerbation of bronchial asthma (BA) is not fully solved task. Immunosuppression develops in patient with specified variant of BA, which is characterized by changed or distorted