

Possibilities of using the term "connective tissue"  
as a separate organ in the ART-BRT system  
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It is difficult to overestimate the importance of the state of loose connective tissue in the development of pathological processes [1-6].

The description of the mechanism of damage to the mesenchyme in the pathogenesis of any damage was proposed by G.-G. Reckeweg in the theory of homotoxicosis [7].

The theory is based on the idea of the accumulation of toxic factors in the intercellular space at the first stages of the disease - the humoral phases of homotoxicosis - which are the initial, reversible phases of any disease. Based on this, it seems promising both from the point of view of general detoxification of the body and as a stage of therapy to obtain the possibility of a targeted effect on the mesenchyme in order to identify aggravating factors and drainage.

If the system of tissues of the internal environment, which is a mesenchyme, or loose connective tissue, is taken as a single organ, then using the scheme of pathophysiological assessment of the state according to A.A. Hovsepyan, can be assessed by standard parameters, in what condition it is, and identify the main systemic aggravating factors. Using the organopreparations and complexones of connective tissue (mesenchyme) available in the IMEDIS selector, which were taken as a separate organ, we conducted a study of the state of connective tissue in elective patients with chronic pathologies. The first results of bioresonance therapy aimed at the restoration of connective tissue have been obtained.

The results of studies in 75 patients with chronic polynology at the age from 18 to 60 years are analyzed. Men - 32 people, women - 43. Patients with acute infections, neoplasms, receiving chemotherapy and children were excluded from the study. The results of bioresonance therapy at the first stages of treatment were obtained and analyzed. The comparison group consisted of 49 people, examined 2-3 weeks after the start of therapy.

Testing was carried out according to the standard scheme adopted in the MC "Health Formula", which includes: assessment of the state of metabolism, vegetative component; the presence of weights; the state of the immune, endocrine and lymphatic systems; the presence of connective tissue insufficiency; mental stress; deficiency of trace elements, vitamins, enzymes, tumor markers.

The results of the study are presented in table. one.

Table 1

The results of testing the condition of the connective tissue

indicators	Main group, N = 75		Comparison group, N = 49	
	number	%	number	%
potential. <6	53	70.7	nine	18.4
potential. 10-15	-	-	eight	16.3
potential. 15-30	22	29.3	34	69.4
kata / sour > 3	73	97.3	12	24.5
kata / sour < 3	2	2.7	27	55.1
anabolism	-	-	10	20.4
↓ VNS s	58	77.3	18	36.7
↓ VNS v	12	16.0	nine	18.4
↑ VNS s	five	6,7	10	20.4
↑ VNS v	-	-	12	24.5
Intox I	26	34,7	12	24.5
Intox II	66	88.0	31	63.3
Intox III	twenty	26.7	eight	16.3
lymph / s +	64	85.3	34	69.4
lymph / s -	6	8.0	one	2.0
stn -	21	28.0	fourteen	28.6
↓ microelement	27	36.0	10	20.4
↓ endocrum	64	85.3	31	63.3
↑ endocrum	nine	12.0	10	20.4
↓ immunity	59	78.7	10	20.4
↓ ↑ immunity	fifteen	20.0	26	53.1
↓ enzymes	62	82.7	29	59.2
preonco	13	17.3	3	6.1
PN 7.8 st.	71	94.7	22	44.9

From the presented data, it can be seen that in most cases (70.7%) during the initial testing, connective tissue was determined in low potencies with a sharp shift in metabolic reactions towards catabolism with an acidic medium (97.3%). The changes in the vegetative state were dominated by exhaustion in the sympathetic section (77.3%). Toxic burdens were determined mainly through Intox II and represented the bulk of burdening by toxic metals, which may be explained by their deposition in the colloidal structures of the connective tissue. The infection detected through Intox I usually corresponded to the diagnosed infection by target organs or was a reflection of H. Schimmel's miasms, determined through Intox III. In general, an increase in the frequency of detecting burdens with metals and miasms can be noted. In the overwhelming majority of cases (85, 3%), we met with the congestion of the lymphatic system (edema) up to grade 8. In 28% of cases in persons, mainly of mature age, signs of

connective tissue insufficiency. Deficiency of microelements was detected in 36% of cases, enzymes - in 82.7%. Insufficiency of the immune system at all levels - cellular, humoral immunity and phagocytosis - accompanied 78.7% of observations. Endocrine insufficiency 4-5 degrees - 82.7%. In 13 cases (17.3%), a pre-oncological condition was identified and localized in organs. The presence of psychological load (PN) of 7, 8 degrees turned out to be very curious, in the absence thereof against the background of "direct" testing. Comparison of PN with psychosocloading drugs "Medpharma" showed the prevalence of the states "primary fear" and "emotional lability".

Conducting BRT with the administration of the drug in granules after 2-3 weeks led to significant changes in the state of connective tissue in all parameters, although at different rates vb (Table 1). The average duration of treatment until the signs of mesenchyme congestion disappeared were 5-6 weeks.

#### Discussion and conclusions

Understanding the definition of "connective tissue" as an independent structure in the organ system and using the principle of constructing pathophysiological chains to assess the state of the mesenchyme as an organ made it possible to obtain an additional and very important

information about the general condition of patients, and in terms of assessing the development of the pathogenesis of specific diseases.

The nature and severity of metabolic, immune and endocrine changes, taking into account the presence of chronic pathology in patients in the presented development, convincingly testify in favor of the theory of homotoxicosis. The same is evidenced by pronounced lymphatic congestion, electrolyte imbalance, and enzyme deficiency.

Additionally, the identified toxic burdens (Intox II, III) indicate the body's ability to deposit and delimit toxins in the connective tissue, which, being inherently the implementation of the protective function, can cause inhibition of recovery processes during treatment and cause a relapse in the future. The preservation of miasms in the organism is of the same importance.

The revealed tissue deficiency (connective tissue insufficiency) was inherent in patients of older age groups and in patients with signs of exhaustion.

The detection in 13 cases of pre-oncological conditions in patients undergoing program therapy showed the imperfection of the diagnostic techniques used and made us significantly adjust the direction of therapy.

The presence of a pronounced psychological load, which is not determined by "direct" testing, indicates a deep negative influence on the subconscious level of chronic toxic loads.

The special significance of the extended test of connective tissue manifested itself in solving diagnostic problems. The use of drugs as a filter preliminarily revealed three levels of diagnosis. The first can be considered the test filter STK (Shraibman) + Caustic D400 → organopreparation. Searching through this filter usually yields the worst case in morphological relation of the organ. The next level was the minimum pathophysiological characteristics of connective tissue (CT + metabolism + VNS) with the addition of onco markers (PRR, pre-cancerous state), which makes it possible to identify the affected organ. Finally, the third level can be considered the use of the complete pathophysiological chain of the connective tissue state as a test filter. This filter usually leads to the organ that interferes with the drainage of the mesenchyme.

Thus, the understanding of the rather wide and, for many, indefinite term "connective tissue" as a separate organ in the integral system of the body, opens up a previously inaccessible space for the researcher both in terms of therapy and diagnostics. In this message, many aspects of the possible use of the described drug remained undisclosed: the peculiarities of the mesenchyme reaction in children, with oncological pathology, with diseases of the connective tissue, etc. Further and deeper study of the problem carries the prospects of acquiring an effective means of diagnosis and treatment.

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