Treatment of giardiasis in children and adults using bioresonance medicine
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Purpose of work: to develop a system of complex, pathogenetic treatment of giardiasis in children and adults, which does not cause deterioration or exacerbation of chronic diseases when using an anti-lambliasis agent (nemosol).

## Research objectives:

- 1. To identify the clinical features of the course of giardiasis in children and adults.
- 2. To clarify the relationship of giardiasis with the presence of concomitant diseases of the gastrointestinal tract.
- 3. To develop a method for the treatment of giardiasis in children and adults in the conditions of BR medicine, eliminating or reducing the risk of exacerbation of concomitant gastrointestinal diseases.
- 4. Conduct a comparative assessment of the long-term results of treatment of giardiasis in children and adults in BR-medicine and in outpatient settings.

The studies were carried out on the basis of the center of bioresonance medicine "Elite-Med" in Krasnodar during 2006-2007.

85 people with giardiasis were observed. Of these, children (from 0 to 18 years old) - 30 people, adults - 55 people and the control group of patients without giardiasis - 10 children and 10 adults.

Registration of patients and evaluation of the effectiveness of treatment were carried out in a special registration register.

Clinical and laboratory research methods, ultrasound of the abdominal organs, and blood tests for giardiasis were used in the work with the patients.

The dynamics of the patients' state of health, the condition of their skin, the condition of the mucous membranes of the mouth and tongue, the presence of abdominal pain, changes in the ultrasound of the abdominal cavity, as well as the presence or absence of exacerbations of somatic pathology were investigated.

The research results are shown in Table 1.

Table 1

Clinical peculiarities	Regis- tested by children (%)	Register- but in adults (%)	Counter. Group,	Counter. Group, adults
Dermatitis	100	87	-	-
Geographer. language	85	78	-	-
The mucous membrane of the cheeks	76	61	-	-
Loss of appetite	100	61	-	-
Stomach ache	100	58	-	-
Nausea, vomiting	87	46	-	-
Stool disorder	100	45	-	-
The presence of changes in liver (by ultrasound)	85	98	-	-
Changes in	87	95	-	-
pancreas iron				
Blood test for giardiasis	100	100	-	-

In the course of the study, identical clinical manifestations were found in children and in adults, moreover, a brighter clinic was recorded in children than in adults.

In the control group of the study, neither children nor adults had clinical manifestations It was.

It is noteworthy that with ultrasound of the abdominal organs in most patients with giardiasis, both in children and in adults, various kinds were recorded.

dysfunctions of the gastrointestinal tract (biliary dyskinesia, cholangitis, cholecystitis, cholestasis, reactive changes in the liver and pancreas).

Thus, the revealed pathology of the gastrointestinal tract with a lesion with giardiasis can be due to both the manifestation of giardiasis itself, and be predisposing to its infection.

For the treatment of children and adults with giardiasis, a set of measures was proposed, including the following treatment methods:

- 1. Homeopathy (drains, constitutional preparations, anti-inflammatory, immunomodulatory drugs, choleretic, enzyme-forming, etc.)
- 2. Removal of burdens (geopathogenic, radioactive, psychovegetative)

electromagnetic,

- 3. Bioresonance therapy (PFRP of the liver, gallbladder, gastric gland, stomach, intestines, and other problem organs, OBRP, NPRP tested frequencies, NPRP nosodes).
  - 4. Application of programs based on testing results.

5. IRT, exercise therapy, massage.

Control of the treatment of giardiasis was carried out on the basis of the laboratory "European Laboratories" after 3, 6, 9, 12 months and was assessed on a 5-point system:

1 point - improvement of health;

2 points - improvement of well-being, improvement of indicators on ultrasound;

3 points - absence of lamblia within 6 months; 4 points

- the absence of lamblia during the year. The research results are presented in table 2.

table 2

	1 month	3 months	6 months	12 months
1 point	48%			
2 points		64%		
3 points			98%	
4 points				87%

The control group of the studied children and adults with giardiasis received treatment in the conditions of clinics in the city of Krasnodar, and was assessed similarly.

The results are shown in Table 3.

Table 3

	1 month	3 months	6 months	12 months
1 point	32%			
2 points		41%		
3 points			73%	
4 points				56%

As you can see, the effectiveness of the proposed complex treatment method reaches 64%, 98% and 87% in the study group, in contrast to the control group, where the effectiveness is 41%, 73% and 56%, respectively.

## Conclusions:

- 1. Revealed interrelation of dysfunction of the gastrointestinal tract can be not only predisposing to the invasion of intestinal giardiasis, but also be a consequence of its presence.
- 2. Developed a comprehensive plan for the treatment of giardiasis in children and adults with the use of bioresonance therapy allows you to quickly, efficiently and with high efficiency improve the quality of life of patients.
- 3. Comparative characteristics of long-term results of treatment of patients with giardiasis children and adults using BR therapy allows to establish the preference

## the proposed method of treatment.

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