# Full list of contraindications for Antistress program Antistress: Improving Memory and Brain Function

# 1. Age over 65

#### 2. Nervous system diseases:

Nervous system diseases of infectious, vascular, traumatic, demyelinating nature in the acute period, as well as in any period in the presence of severe motor disorders (paralysis and deep paresis).

Amyotrophic lateral sclerosis with prominent clinical features.

Convulsive disorder in past medical history (of any origin), diagnosed epilepsy, convulsive activity on the electroencephalogram (EEG).

Acute cerebrovascular accident (stroke) in the previous 2 years.

Traumatic brain injury (excluding concussion) in the previous 2 years.

Severe intellectual and/or mental disorders requiring the presence of a caregiver.

Brain tumors and any intracranial neoplasms (including those with no growth dynamics).

Congenital malformations of the nervous system.

Antidepressants intake or the need to take them.

#### 3. Cardiovascular diseases:

Rheumatic endomyocarditis in the active phase of the second or third degree of activity.

Abramov-Fiedler Myocarditis of infectious and allergic origin and diseases similar to it in severity. Ischemic heart disease (*Acute myocardial infarction (less than 12 months after the rehabilitation period*).

Unstable angina (angina attacks under normal physical activity (III FC)) with circulatory deficiency stage higher than 1 with heart arrhythmia. Frequent attacks of stable angina and angina at rest (IV FC) or left ventricular failure (cardiac asthma)).

Circulatory deficiency of stage higher than IIA.

Permanent and paroxysmal forms of atrial fibrillation with circulatory deficiency stage IIA and higher, paroxysmal tachycardia, complete bundle branch block.

Cardiomyopathy.

Life-threatening heart arrhythmia (polytopic, frequent (10-15 times per minute or more) premature ventricular contractions (grades 3-5 according to Lawn); paroxysmal atrial flutter and fibrillation; complete atrioventricular block, sick sinus syndrome with tachy-brady syndrome with heart rate less than 50 and more than 90 beats/min.).

Pacemaker insertion (less than 12 months after surgery, it is required to consult a clinic's doctor by phone before booking a program).

Stage 3 hypertension, unresponsive to hypotensive therapy. Atherosclerotic encephalopathy with impaired mental adaptation to the environment.

Atherosclerosis of the lower extremities with decompensation of peripheral blood circulation, trophic disorders.

Thromboangiitis obliterans (endarteritis) with a tendency to spread, with a concomitant migratory thrombophlebitis and trophic disorders. Thromboembolic disease.

#### 4. Digestive system diseases:

All digestive system diseases in the acute phase.

Acute hepatitis.

Cirrhosis.

Liver failure. All forms of jaundice.

# 5. Musculoskeletal system disorders:

Severe bone and joint damage.

#### 6. Respiratory diseases:

All respiratory diseases, accompanied by the development of cardiopulmonary failure in the stage higher than II.

Bronchiectasis and chronic abscess.

Chronic obstructive pulmonary disease and asthma that requires the intake of systemic glucocorticoids.

Spontaneous pneumothorax.

Hemoptysis.

Pleural effusion.

# 7. Kidneys and urinary tract diseases:

Acute and chronic kidney diseases with signs of chronic renal failure with GFR less than 60 ml/min, high arterial hypertension (exceeding 180 mm Hg).

Macroscopic hematuria of any origin.

## 8. Gynecological diseases:

Malignant neoplasms and assumptions of their presence.

Surgery of female reproductive system less than 2 months ago (It is allowed to undergo a program after two months after surgery only if there is positive postoperative dynamics and clinical indications).

#### 9. Endocrine and metabolic disorders:

Severe thyrotoxicosis, as well as with severe complications (thyrotoxic cardiac disease, etc.). Diabetes in decompensation stage with ketoacidosis, with symptoms precomatose state.

#### 10. Diseases of the skin and subcutaneous tissue:

All skin diseases in the acute stage.

Contagious skin diseases

## 11. Diseases of blood and blood-forming organs:

All blood system diseases in the acute stage and the stage of exacerbation.

Leukemia.

Hodgkin's lymphoma.

Hemophilia.

T-cell lymphoma.

Myeloma.

Severe anemia.

#### 12. All forms of active tuberculosis.

# 13. Conditions after surgery

Heart surgery less than 12 months ago, in other cases less than 2 months after surgery. It is allowed to undergo a program two months after surgery only if there is positive postoperative dynamics and clinical indicators. It is required to consult a clinic's doctor by phone before booking a program.

14. All sexually transmitted diseases in acute or contagious form.

# 15. Malignant neoplasms

Within 5 years after the end of the follow up period (after the treatment was provided).

- 16. Pregnancy.
- 17. All diseases requiring inpatient care.
- 18. Mental illness.
- 19. Drug addiction.

## 20. Systemic and autoimmune diseases with apparent clinical manifestations

Systemic lupus erythematosus, rheumatoid arthritis, systemic scleroderma, systemic vasculitis, Ankylosing spondylitis, etc.