

In the table below there are nosologic forms and registered basic effects of EHF-therapy.

<i>Nosologic forms</i>	<i>EHF-therapy action</i>
<b>Neuropathology</b>	
1. Neurological marks of spinal osteochondrosis, including discogenic radiculopathies	Expressed anesthetic effect, rise of pain sensibility limit in the local algogenic zones
2. Children's spinal scoliosis	Expressed anesthetic effect, rise of tolerance to physical loads, growth of spinal excursions
3. Vertebrobasilar insufficiency	Disappearance or sufficient reduction of headache and giddiness, normalization of arterial pressure
4. Exogeno-organic brain traumas (of traumatic, vessel, infective-toxic and complex genesis)	Disappearance of asthenic signs, emotional lability, hyperesthesia, headache, giddiness, arterial pressure oscillations, night sleep restoration
5. Cerebral atherosclerosis	normalization cerebral blood circulation, normalization of lipid exchange indexes
6. Headache	Significant reduction of headache intensity and the length of attacks
7. Mono-and polyneuropathy	anesthetic effect, growth of speed of impulse passing through the nerves
8. Syndrome of vegetative dystonia, including vegetative crises (panic attacks)	Normalization of vegetative status, headache reduction or disappearance, improvement of gemodynamics according reography data
9. Reactive neuroses and stress-reactions – treatment and prophylactic	reduction or disappearance of irritation, emotional lability, sleep disorders, rise of working capacity, mood improvement
10. Children's cerebral palsy	Reduction of muscles tone, growth of active movements amount
11. Epilepsy, including pharmacoresistant	Reduction of attacks quantity and positive dynamics of EEG-view
<b>Joints diseases</b>	
12. Degenerative-dystrophic joints diseases (deforming osteoarthritis, Perthes' disease, psoriatic osteoarthropathy)	Ant-inflammatory effect, growth of muscles strength, amount of movements in the interested joint and tolerance to physical loads
13. Gemarthroses and hemophilic arthropathies	anesthetic effect, haemostasis normalization

14. Rheumatoid arthritis

Significant reduction of the pain and morning constraint in the joints, immunomodelling effect

### **Surgery pathology**

15. Traumatic and postoperation traumas of skin, soft and osseous tissues, including complicated by purulent process and flaccidly regenerating

Shortage of all the phases of wounding process, anti-inflammatory effect, stimulation of regeneration, including osseous tissue, prophylactic of suppuration, expressed anesthetic effect, reduction of anesthetic medicine dose

16. Burns

anesthetic effect, quick generation of granulo tissue and epithelialization

17. Posttraumatic osteomyelitis

Term shortage of exudative phase of inflammation and stimulation of earlier beginning of reparative processes, normalization of cytomorphologic characteristics of leucocytes

18. Posttraumatic contractures

anesthetic effect, normalization of microcirculation and trophic disorders, restoration of normal movements amount anti-inflammatory effect

19. Acute cholecystics

20. Acute pancreatitis

Term shortage of the treatment, positive influence on immune system condition

### **Gastroenterology**

21. Stomach ulcer and duodenum ulcer, including complicated by bleeding, perforation or penetration

Term shortage of epithelialization of ulcer defect, reduction of relapses

22. Functional insufficiency of gall outlet ways

More quick and effective pain and dyspeptic symptoms arrest, reduction of symptoms of gall clotting and crystallization, normalization of gall bladder contractive function

23. Chronic gastroduodenitis, including the presence of Helicobacter pilori infection

More quick and effective pain and dyspeptic symptoms arrest

24. Chronic pancreatitis

effective pain arrest, restoration of pancreas function

### **Obstetrics and gynecology**

25. Chronic inflammation of uterus adnexa, including cases with reproductive function disorder

anesthetic effect, commissural structures softening, restoration of reproductive function

26. Miscarriage of pregnancy

Growth of luteal phase term of menstrual cycle, rise of oestradiol and progesterone

	levels, elimination of the need in hormonotherapy
27. Postabortal complications	immunomodeling effect, reduction of inflammatory complications
<b>Dermatology</b>	
28. Psoriasis	anti-inflammatory, anodizing, regenerative effect, infiltrators resolution, term shortage of the treatment, reduction of relapses
29. Trophic ulcers	anti-inflammatory, anodizing, regenerative effect, term shortage of the treatment, epithelialization of ulcer defects
30. Atopic eczema	Anti-allergic effect, itching arrest
31. Microbic eczema	Restoration acceleration
32. Seborrhea	Restoration acceleration
33. Neurodermatitis	itching reduction
34. Vitiligo	Pigment restoration
35. Herpes	Expressed anodizing and anti- inflammatory effects
36. Syphilis	Immunocorrective action, acceleration of negativation of serologic reactions complex
<b>Infective and parasitic diseases</b>	
37. Chronic opisthorchiasis	Improvement of contractive function indexes and volume characteristics of gall balder, vanish of opisthorhis eggs from the gall
38. Lungs tuberculosis, including in composition with chlamydial and mycoplasmic infections	Stabilization in lungs tuberculosis current, reduction of postoperational complications frequency, acceleration of infiltrators resolution, abacillation and closure of integration cavity
39. Ticks encephalitis and ticks borreliosis	Growth of movement activity, reduction of headache and artralgia intensity, sleep normalization, reduction of fever term, of weakness and sweating, growth of antibodies caption for the antigen of ticks encephalitis and borreliosis virus
40. Virus hepatitis	Restoration acceleration
41. Acute respiratory virus infections – prophylactic and treatment	Morbidity reduction by 2 times, illness current in a light form, shortage of the illness period, absence of ARVI complications

## **Cardiology**

42. Ischemic heart disease: tension angina, unstable angina, myocardial infarction, arrhythmias Expressed antianginal effect, reduction of episodes number of painless myocardial ischemia, improvement of diastolic function of the left ventricle, reduction of angina attacks, reduction of arrhythmia episodes, reduction of nitroglycerin dose, normalization of activity level of antithrombin III and erythrocyte deformability
43. Arterial hypertension, including hypertonic crises Hypotensional effect, reduction of the peripheral vessels resistance, improvement of arterial cerebral blood circulation indexes, reduction or vanish of vein stagnation signs, normalization of catecholamines excretion
44. Noncoronary myocardial traumas (mitral valve prolapse, cardiomyopathy, myocarditis) reduction of cardialgia episodes, improvement of life quality, normalization of hemostasis system indexes

### **Pulmonology**

45. Pneumonias Rise of efficiency and shortage of treatment terms, prevention of protracted disease current
46. Bronchial asthma Reduction of cough and breathlessness, reduction of need in inhalation broncholitics, improvement of bronchial discharge, reduction of rales, normalization of outer breath function indexes, immunomodeling effect anti-inflammatory effect
47. Chronic nonobstructive bronchitis
48. Chronic obstructive bronchitis Broncoobstructive syndrome arrest
49. Lung and intrachest lymph nodes sarcoidosis Normalization of roentgenogram indexes, immunograms and outer breath function, reduction of acerbations and relapses frequency

### **Dentistry**

50. Anodontia and teeth prosthesis application Expressed anti-inflammatory effect
51. Paradontis Expressed anti-inflammatory effect, regeneration stimulation, normalization of local blood circulation in the paradontis
52. Gingivitis Expressed anti-inflammatory effect

### **Oncology**

53. Malignant neoplasm (colon and rectum cancer, skin melanoma, stomach cancer, breast tumor, lung cancer, ovary cancer, ENT-organs etc.)	Reduction of complications quantity and expression after polychemotherapy, reduction of relapses and metastases number, anesthetic effect
54. Lymphomas (lymphogranulomatosis no Hodgkin's lymphomas)	Activation of organism antioxidative protection, suppression of free radical oxidation and normalization of proinflammatory cytokines level
55. Benign breast tumor	Prophylactic of malignant transition, anti-inflammatory effect
56. Benign ovary tumors	normalization of gender hormones secretion and immune status
57. Uterus fibromyoma	Reduction of nodes sizes
<b>Endocrinology</b>	
58. Exophthalmic toxic goiter	Reduction of thyroid gland sizes, its consistention change
59. Node goiter	Vanish or sudden reduction of solitary nodes sizes
60. Diabetes mellitus and its complications (micro- and macroangiopathy, hepatosis, cataract, nephropathy, cardiopathy)	Complications regress, diabetes current stabilization, reduction of insulin dose
<b>Andrology</b>	
61. Andropausal disorders	Libido intensification, sexual function improvement
62. Benign prostate hyperplasia	Libido intensification, sexual function improvement
63. Chronic prostatitis	Pain and dysuric syndrome arrest, sexual function improvement
64. Secretion toxic infecundity	Spermatogenesis stimulation
<b>Eye diseases</b>	
65. Diabetic retinopathy	Improvement of electrooculogram indexes, vanish of unpleasant sensations in the eyeулучшение
66. Inflammatory eye diseases, including allergic genesis	Anti-allergic effect, itching arrest
67. Degenerative retina and visual nerve diseases	Rise of visual acuity, visual spreading, improvement of microcirculation in bulbar conjunctive
<b>Liver diseases</b>	
68. Cirrhosis	Normalization of biochemical indexes, sizes and liver structure

69. Chronic hepatitis	Normalization of biochemical indexes, sizes and liver structure
70. Hepatosis	Normalization of biochemical indexes, sizes and liver structure
71. Toxic liver traumas	Normalization of biochemical indexes, sizes and liver structure
<b>Vessels diseases</b>	
72. Obliterate atherosclerosis of inferior limbs	Vanish of pain syndrome, reduction of intermittent claudication
73. Obliterate endarteritis	Vanish of pain syndrome, reduction of intermittent claudication
74. Raynaud' disease	Peripheral blood circulation and microcirculation improvements
75. Postthrombophlebitic syndrome	Vanish of pain syndrome, acceleration of trophic ulcers reparation
<b>Narcology</b>	
76. Chronic alcoholism	Reduction of inner tension, anxiety, inclination for alcohol
77. Toxicomania	Positive influence on psycho, emotional and somatic spheres