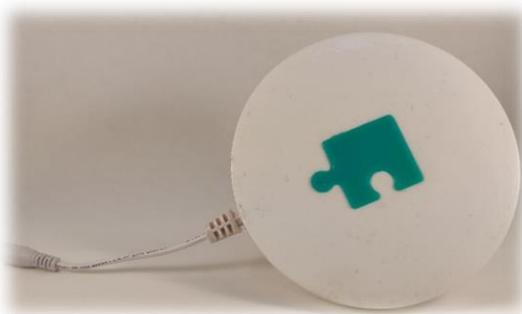


## **DESCRIPTION AND RECOMMENDATIONS FOR USE OF MISHIN COILS**

Mishin-Tesla coils represent an open oscillator circuit as both “layers” are not closed from each other. It is essentially a capacitor with inductance and it may work as radiating antenna. All coils are wound in resonance with generator unit and resonate at the frequency of 280 kHz to 310 kHz.

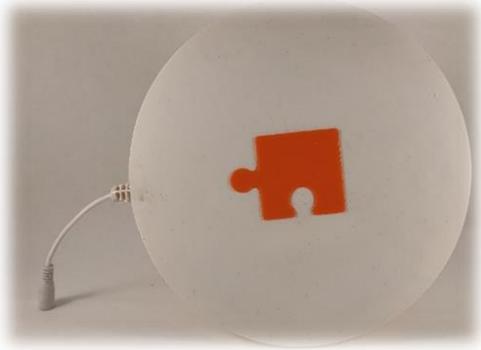
There are coils of several types and sizes supplied with Ecomag-1, Ecomag-1M, Ecomag-3 (modulator) generator etc.

### **14 cm electromagnetic coil**



Medium flat 14 cm “Mishin coil” has more localized zone of impact on malignant mass. It effectively acts upon internal organs, viruses and fungal diseases. It can quickly remove scar tissues and accelerate healing.

## 22 cm electromagnetic field coil



Large “Mishin coil” is firstly intended for purification of organism. It effectively acts upon blood circulation problems due to extensive expansion of the field.

This is the most effective coil for biophysical activation of drinking water!

LARGE MISHIN COIL, working with Ecomag-1, 1m, 3 resonance generator etc., structures ordinary drinking water by making it biologically active and useful for your organism. Water obtains special properties in the electromagnetic field of the coils. Due to electric field activation water goes to metastable state which characterizes by abnormal values of electrons’ activity, as well as its wave characteristics are changing.

Ordinary water obtains remarkable properties after electromagnetic field effect during 30...60 minutes. Water becomes biologically active and may have

therapeutic action. Experiments showed that water consumption improves permeability of biological membranes of tissue cells, reduces blood and liver cholesterol level, regulates blood pressure, improves metabolism, promotes passing of small stones from kidneys. It improves nutrients uptake from soil in plants and purifies vessels in humans. If this is the case, “Restructured” water is meant to be invaluable assistant during physical exercises, dramatically enhancing their efficacy.

How to “**restructure**” water:

Pour purified (filtered) water in 3-liter glass jar. Set power controller at maximum. Biological “Restructuration” occurs in 30-60 minutes as a result of field effect. It can be observed as “bubble” appearance, which we call aeration effect. As soon as it happens it means that water passed “restructuring” stage and it can be used during 1 day. The formation of air bubbles on the walls of the jar may not be observed in some regions due to water hardness, PH composition, and chemical elements contents. But that’s not to say that water hasn’t had “restructuring” stage.



## TOR Electromagnetic coil



It may act as a step-up transformer if electrostatic elements winding is switched to its two loose ends.

Toroidal (TOR) “Mishin coil” is continuous development of flat coils. Compared to flat coils TOR is more selective and localized variant. However, it has smaller dimensions and better penetration depth of electromagnetic field. It is intended to act upon deep seated organs and tissues (up to 25 cm). As well as medium “Mishin coil”, it effectively fights malignant masses, viruses and fungal diseases. It can quickly remove scar tissues and accelerate healing; it has pronounced pain relieving effect!

## **“Flexible” electromagnetic field coil**



Thanks to its changeable form, flexible coil is easy to use and effective while working with joints. Moreover, in comparison to traditional flat coils bendable “flexible” coil forms more than one vector field. It forms two fields with vertical and horizontal directions. Herewith those two fields cross over each other but have no interaction with one another. It is described in physics as “Superposition of electric fields”. In this case when applying coil on joints those two fields have one globe-shaped formation and reach the joint from all sides.

## **Pads for electromagnetic Mishin coils of 14 cm and 22 cm size**



Pad (Mishin spike) for electromagnetic device is classified as physiotherapeutic device designed as needle applicator intended for interaction with devices for electromagnetic field therapy. The major function is the conversion of electromagnetic field to static with increase of directive gain. It can be used as therapeutic device in sanatorium and preventive institutions and in living conditions. Usually needle applicators for electrostatic therapy are designed as flexible base with radial configuration and actuation elements as metal needles fixed in the base. Their points emerge over the edges of the base and form working face of the applicator. Generally, needles are provided with needle fixation tools in the base, with bulbs placed in the base and providing reliability of needle position securing and fixation.

### **Electromagnetic field indicator**



LED electromagnetic field indicator is required for generator and coils functionality test.

**Active spikes or Labyrinth element with self-indication and connection to generator via step-up transformer.**



Active electromagnetic field emitters which have completely different operational principle in comparison to habitual bifilar Mishin/Tesla coils. The device presents active elements, “spikes” operating with two “spike” elements or with “labyrinth” emitter. 300 kHz high AC voltage is applied from step-up transformer that is capacity tor. The effect is based on strong electrostatic field generated by both emitters. Positive potential is applied to spikes in one half period, and negative potential is applied to “labyrinth”. The polarity interchanges the other half period. If emitters are positioned from different sides of the body the powerful “pumping” with remedial electric field takes place. Each emitter can be used individually (it can be done via connectors) but co-use significantly increases therapeutic benefit. Therefore, it is sufficient to place electrostatic elements from opposite sides of the body and thus complete procedures during 15 minutes 2 times daily or 30 minutes 1 time a day with 100% current strength.

## Pocket clips



This device is designed to keep Mishin coils and spikes on any part of the body which makes their daily use more convenient. It will especially free you from holding coils or spikes on any part of the body.

Pocket clip is made from high quality hypoallergic material. It is completed with rubber bands and “tape” clips which allow to use pocket clips in any volume and part of the body.

## Electromagnetic field blanket



It consists of hypoallergic material completed with 6 coils made of MGTF (grade) conductor one of which is active Mishin coil connected to generator. 5 other Tesla coils have passive electromagnetic induction with 20% potential. Coils are set to 300 kHz resonance. The size of the blanket in expanded form is 180x140 cm and 180x70 cm in folded form. It is ideal for electromagnetic bioresonance physiotherapy sessions in physiotherapeutic rooms, as well as for personal domestic use.

And if earlier you had a question, “On what parts of the body shall I apply Mishin coils?”

The question no longer exists with this device.

**VARIANTS OF COMPLETE SETS OF THE ABOVE MENTIONED DEVICES  
WITH ECOMAG-1, ECOMAG-1M, ECOMAG-3 GENERATORS**

|                 | Ecomag-1 | Ecomag -1M | Ecomag-3 Modulator |
|-----------------|----------|------------|--------------------|
| 14 cm coil      |          |            |                    |
| 22 cm coil      |          |            |                    |
| Tor             |          |            |                    |
| Field indicator |          |            |                    |
| “Flexible” coil |          |            |                    |
| 14 cm pad       |          |            |                    |
| 22 cm pad       |          |            |                    |
| 14 cm spikes    |          |            |                    |
| 22 cm spikes    |          |            |                    |
| 14 cm labyrinth |          |            |                    |
| 22 cm labyrinth |          |            |                    |
| Pocket clip     |          |            |                    |
| Blanket         |          |            |                    |

## Guidelines for use of Mishin coils

Operating principle of Mishin coils is based on use of static field implosion to influence circuit closed isolated cell structures (pathogenic bacteria, viruses, fungi) or formed in organism during pathological processes caused by acute and chronic diseases, household devices and communication media emission, exogenous toxins consumed with food, air, and water; endogenous toxins produced during life processes etc.



The field of the disc or toroidal coil has its impact depending on the structure of target affected organ. It is better to use disc coil in the therapy of cavernous organs (abdominal organs, thoracic organs, head). It is better to use Tor in the therapy of musculoskeletal mass (joints, ligaments, muscles, reflexogenic zones of the body).

Disc or tor can be transferred along impact area with short term stops or circular motions along patient's body surface in the course of work.

When acting upon head the disc is applied on head with spiral side or side with "contact side" mark (i.e. side with conductor winding in a clockwise direction).

It is recommended to prepare human body within 5-14 days before the course of physiotherapeutic procedures on specific pathology area. This preparation consists of exposure to kidney area. The duration of this period depends on the age of the patient and functional state,

the duration of disease development.

Any disease or its consequences, as well as post-traumatic conditions, result in significant increase in the volume of damaged blood cells and tissues in pathology area, accumulation of endotoxins in the intercellular matrix. Except blood flow and lymphatic bed, the kidneys and adrenal glands are important in the disposal and excretion of endotoxins. Therefore, the exposure to kidney zone should precede local procedures in pathology area.

If large-diameter disk coil is used, it is placed on the spine in the region of the lower pair of ribs. If there is coil with smaller diameter, then it is placed in the same region but to the right and left of the spine.

The 25% intensity is set on the first procedure and the exposure time with a large-diameter coil will be 5 minutes, and with a small-diameter coil will be 2,5 minutes on each side. If there is no discomfort and pain in the kidney area after the first procedure, then the next day the exposure time of a large diameter coil will be 10 minutes, and exposure time of a small diameter coil will be 5 minutes on each side. Lack of discomfort during third procedure enables to fix 30 minutes exposure time with large diameter coil and 15 minutes time from each side with small diameter coil. The intensity increases up to 50% during fourth procedure and course of human organism preparation is performed with these dose values.

In cases where the patient has discomfort as mild aching pain, heaviness in the lumbar region, with radiation down the abdomen, the procedures are not discontinued, but the duration of the exposure is reduced by 50% until the listed symptoms disappear.

**Variants of use of Mishin coils in some common diseases are shown below.**

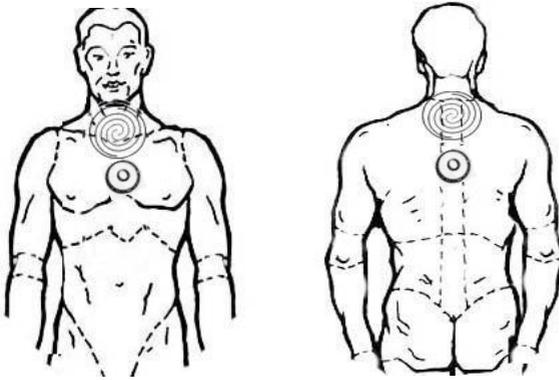
**Ischemic heart disease: previous myocardial infarction, angina**

- Disc coil – 
- Static spikes - 
- Tor-coil - 

Sequential action with disc coil upon chest and epigastric region is performed during first 14 days, 25% from first to fourth procedure for 15 minutes and 50% for the rest procedures for 30 minutes. The interval is from 7 to 10 days. Sequential action with tor coil upon heart and epigastric region is performed during second 14 days. 25% from first to sixth procedure for 15 minutes and 50% for the rest procedures for 30 minutes.



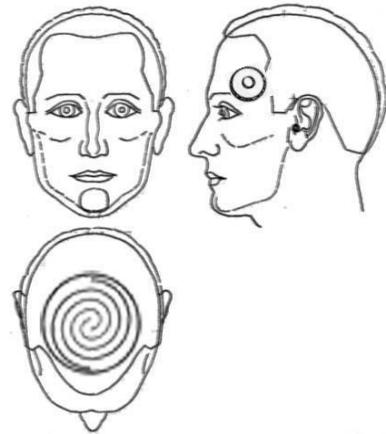
## Hypertensive disease



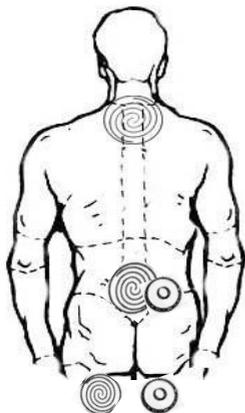
In patients suffering from hypertensive disease the device applied on indicated regions of the anterior and posterior surface of the chest alternating the use of tor coil and disc coil. Tor coil: the current strength is 50%, the exposure time is 15 minutes two times daily. Disc coil: the current strength is 100%, the exposure time is 30 minutes 1 time a day. The duration of the course is from 12 to 14 procedures with 4-week interval. Then the course may be repeated.

### **Consequences of cerebrovascular diseases (strokes), encephalopathy.**

Disc coil is placed on the anterior surface of the chest, the current strength is 50%, the exposure time is 30 minutes, one time a day. This procedure is alternating with exposure to head, with similar dose parameters. The duration of the course is from 10 to 14 procedures with 3-4-week interval. Then the course may be repeated.



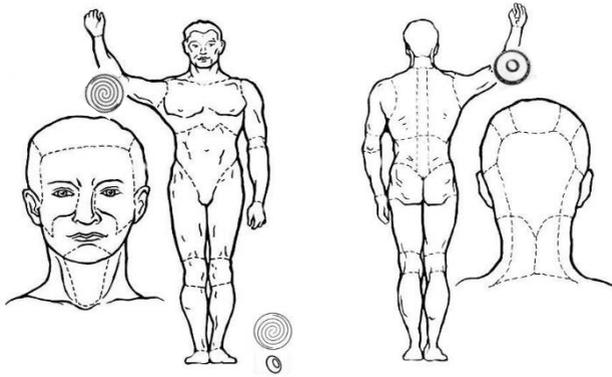
## Vertebrogenic lumboischialgia



In degenerative and dystrophic diseases of lumbosacral region of the spine the sensation of pain is localized in lumbar region and posterior region of the lower limb. The exposure to lumbosacral region of the spine is performed within 4 days using disc coil with 50% current strength, the exposure time is 60 minutes 1 time a day alternating the procedure with tor coil, the current strength is 25%, the exposure time is 30 minutes 1 time a day.

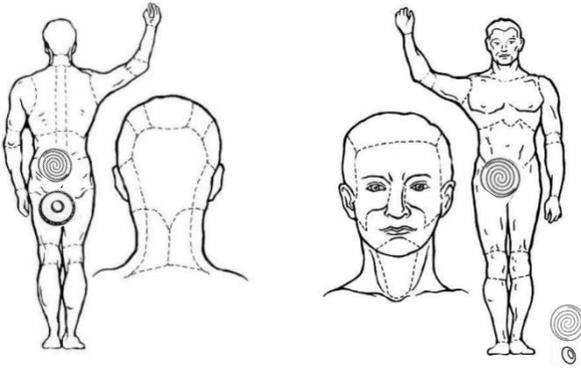
The following 8 days disc coil acts upon each specified posterior surface region of the hip. The current strength is 50%, the exposure time is 30 minutes on each specified posterior surface region of the hip, 1 time a day alternating the procedure with tor coil with 25% current strength during 30 minutes 1 time a day.

## Neurites of ulnar, median, and radial nerves



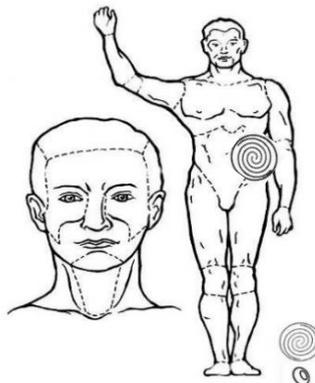
In neuritis of ulnar, median, and radial nerves local application of tor coil on two forearm zones (lower elbow and radiocarpal joint) is performed. The current strength is 25%, the exposure time is 15 minutes, one zone is exposed during first half of the day, and the other is exposed in the afternoon. Local procedures are combined with electrostatic field exposure to reflexosegmental regions. The current strength is 50%, the exposure time is 15 minutes, one zone is exposed during first half of the day, and the other is exposed in the afternoon. The duration of the course is from 7 to 14 days.

## Prostatitis



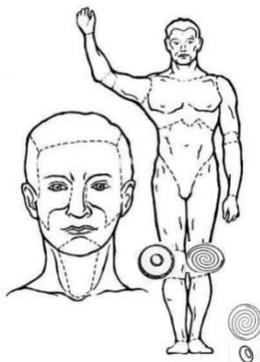
The patient shall be examined by urologist and have tumor marker test before procedures for chronic prostatitis. If the diagnosis of prostate cancer is ruled out, then disc coil is applied on the lower abdomen in the morning and sacral bone region in the evening. The current strength is 50%, the exposure time is 30 minutes; it can be combined with tor coil exposure to perineum, the current strength is 50%, the exposure time is 15 minutes, 2 times daily. The procedures are performed alternate days during one month. An option where one day the perineum is exposed and the lower abdomen and sacral bone region is exposed the next day is possible.

## Gastric ulcer



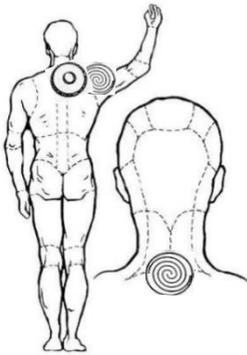
On the top of sufficient pharmacological therapy and adherence to a diet the exposure of disc coil to epigastric region is performed to suppress *Helicobacter pylori*. The current strength is 100%, the exposure time is 30 minutes, 1 time a day during two weeks.

## Osteoarthritis of the knees



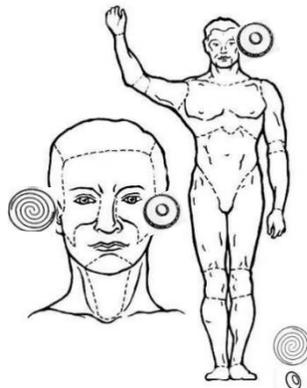
Pain syndrome in knee joint region may be caused by different reasons. Operative treatment is indicated in case of cruciate ligament and meniscus damage. If these types of pathology are excluded, then the exposure of disc coil to affected joint is performed. The current strength is 100%, the exposure time is 30 minutes 2 times daily or tor coil, the current strength is 50%, the exposure time is 15 minutes 2 times daily.

## Scapulohumeral periarthrititis



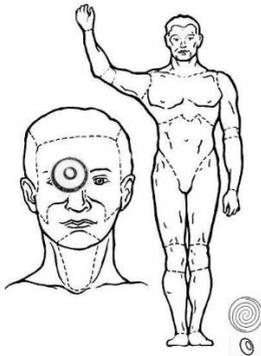
In scapulohumeral periarthrititis cervical spine region, shoulder joint and scapula is exposed. The current strength of the disc coil is 100%, the exposure time is 30 minutes: shoulder joint is exposed in the morning, and cervical spine is exposed in the evening. The following day tor coil is applied on scapula region, the current strength is 50%, and the exposure time is 15 minutes 2 times daily.

## Otitis, eustachitis, mastoiditis



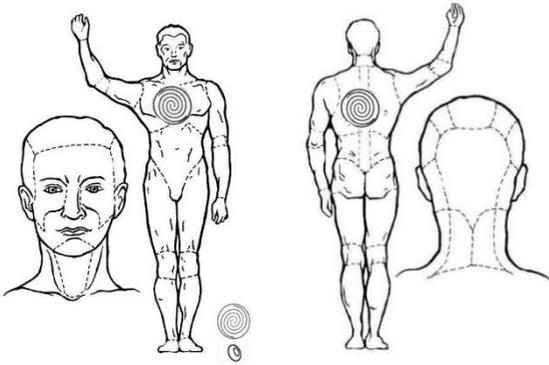
Ear region is exposed to electrostatic field: the current strength is 25% during first procedure, the exposure time is 5 minutes 1 time daily; the current strength is 25% during second procedure, the exposure time is 5 minutes 2 times daily; if patient tolerates the procedure well then the current strength is 50% from third to fifth procedure inclusive, the exposure time is 5 minutes twice daily; from sixth procedure the duration is increased up to 10 minutes; from tenth procedure the current strength is 100%, the exposure time is 15 minutes 2 times daily. Using the same algorithm, tor coil can be used with maximum current strength of 50%.

### **Frontal sinusitis, maxillary sinusitis**



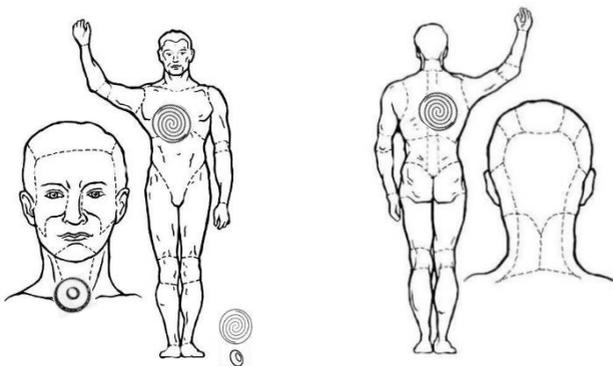
Tor coil is applied on each affected maxillary or frontal sinus at serous inflammation stage: the current strength is 25% during first procedure, the exposure time is 5 minutes 1 time daily; the current strength is 25% during second procedure, the exposure time is 5 minutes 2 times daily; if patient tolerates the procedure well then the current strength is 50% from third to fifth procedure inclusive, the exposure time is 5 minutes twice daily; from sixth procedure the duration is increased up to 10 minutes; from tenth procedure the exposure time is 15 minutes 2 times daily.

## Bronchitis, COPD



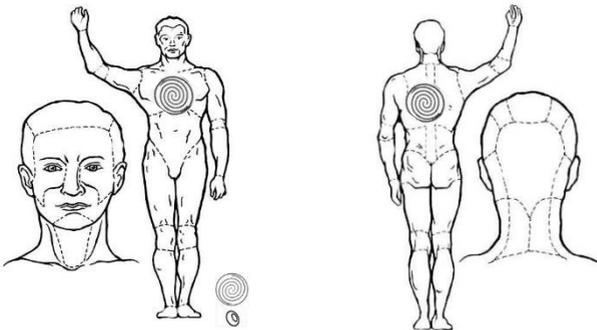
In chronic bronchitis and chronic obstructive pulmonary disease, the disc coil is applied on two specified chest regions (one region in the first half of the day and the other is exposed in the afternoon). The current strength in the first 7 days is 50%, the current strength in the following seven-day cycle is 100%, and the exposure time is 30 minutes.

## ARVI (acute respiratory viral infection), influenza



In respiratory diseases of viral etiology tor coil is applied on the anterior surface of the neck: the current strength is 25% during first and second procedure, the exposure time is 5 minutes 2 times daily; if patient tolerates the procedure well then the current strength is 50% from third to fifth procedure inclusive, the exposure time is 5 minutes twice a day; from sixth procedure the duration is increased up to 10 minutes; from tenth procedure the exposure time is 15 minutes 2 times daily. Disc coil is applied on two specified chest regions: the current strength is 50% during first 3 procedures, and 100% during following 5, the exposure time is 15 minutes.

## **Pneumonia**



In unilateral pulmonary lesion disc coil is applied on chest region and in the projection of the affected lung lobe on posterior surface of the chest, in bilateral pneumonia it is applied on interscapular region: the current strength is 50%, the exposure time is 15 minutes 2 times daily for the first three days and then during 30 minutes.

### **Chronic inflammatory gynecological disorders (endometritis, salpingitis, oothecitis, bartholinitis)**

The patient shall be examined by gynecologist before procedures for chronic inflammatory diseases. A disc coil is applied on the lower abdomen in the morning and sacral region in the evening with 50% current strength for 30 minutes; alternating with tor coil, the current strength is 50%, 15 minutes, 2 times daily. The procedures shall be carried out daily for 7 days with 5-day interval and then repeat the course.

**The use of Mishin coils in malignant tumors.** The use of Mishin coils in treatment of patients with malignant tumors is referred to specific directions. It is necessary to differentiate the following provisions: 1. The diagnosis is determined using clinical, laboratory, and instrumental methods of diagnosis. 2. The patient is observed by a specialist and oncologist. 3. Comprehensive program of treatment and rehabilitation actions is developed for this patient. 4. The use of Mishin coils at different stages of treatment process is agreed with oncologist. 5. If there are contraindications for surgical treatment and other special actions Mishin coils may be used as a single treatment method for oncology patients. At present specific efficacy of use of Mishin coils is achieved in patients with incipient oncological diseases without metastatic disease. In these cases, only tumor zones are exposed to electrostatic field, the current strength is 100%, the exposure time is 30-60 minutes three times a day. The duration of the course is 7 days with 5-7-day interval, then seven-day course shall be repeated.

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