

Magnetic therapy device "LUCAB"

Short history of medical treatment of diseases carried in the magnetic field

Magnetic therapy as a local treatment method for external use has been known since antiquity, being used by Chinese, Egyptian and Arabs. Later in the sixteenth century, PARACELSIUS, a Swiss physician, inventor of Renaissance medicine, used magnetic therapy to treat open wounds, obtaining good results. Presently, in Japan are widely used, non-ferromagnetic metal bracelets (some of the noble metals) that have two magnets in the form of pill fixed in diametrically opposite points.

In Romania, magnetic therapy is used with good results in an alternating magnetic field treatment of nervous system, in chronic diseases of various organs and in some skin diseases.

The construction of the device Magnetic therapeutic "Lucab"

Magnetic therapy device patented by inventors George Lucaci and Cornel Abrudan registered with the State Office for Inventions and Trademarks (OSIM) on September 14, 1974, is designed to expose the blood flow at two opposite magnetic fields. This ensures a wider range of treatment in magnetic field using a ferrite ring with a rectangular section made of two semi permanent magnetic rings in axial direction and in opposite directions, assembled together in a rigid plastic shell.

On both sides of the device there are two parallel arrows drawn that indicate the way the arm must be applied on the device during treatment.

How to use the device

1. How to treat

Right or left forearm (depending on the area where is located the disease to be treated), will be placed over the device with the palm oriented down to the device. The right position is when the device is located adjacent to the wrist and the orientation of arm is parallel with the two guidelines, just like the drawing in Figure 1.

2. Time of exposure to the magnetic field (duration)

The duration of treatments with magnetic therapy device is depending on body weight, according to:

$$T = K (G+15)$$

where T is time, G is weight in kg of the patient, and K a coefficient which depends on the intensity of the magnetic field generated by the device. The method of treatment, according to the invention recorded when the magnetic field intensity near the poles is about 6000 Ω , the coefficient "K" is equal to 6. In order to support patients the following table presents the session's duration based on the relation above.

G(kg)	T(min/ sec)	G9(kg)	T(min/ sec)
50	6 30	76	9 06
51	6 36	77	9 12
52	6 42	78	9 18
53	6 48	79	9 24
54	6 54	80	9 30
55	7 00	81	9 36
56	7 06	82	9 42
57	7 12	83	9 48
58	7 18	84	9 54
59	7 24	85	10 00
60	7 30	86	10 06
61	7 36	87	10 12
62	7 42	88	10 18
63	7 48	89	10 24
64	7 54	90	10 30
65	8 00	91	10 36
66	8 06	92	10 42
67	8 12	93	10 48
68	8 18	94	10 54
69	8 24	95	11 00
70	8 30	96	11 06
71	8 36	97	11 12
72	8 42	98	11 18
73	8 48	99	11 24
74	8 54	100	11 30
75	9 00	101	11 36

To exemplify how the calculation is done, we will take the example of a patient with weight G = 70 kg. The session's duration will be:

$$T = 6(70+15) = 510 \text{ sec}$$

or 8 minutes and 30 seconds.

3. How long lasts the effect of electromagnetic field

Experimentally was established that the stimulating effect of the treatments lasts about 72 hours (3 days) after application. In this situation, it is recommended that the treatment should be performed at 72 hours intervals between sessions and the numbers of meetings in a series should not exceed a total of 8.

Indications for treatment

Following the experimental treatments performed over 25 years, under medical supervision, it was found that this device is effective in the following conditions:

- digestive diseases (gastric and duodenal ulcers, gastritis, gall duodenite and dyskinesias)
- rheumatic diseases (acute arthritis, osteoarthritis at an early stage neuritis)
- circulatory problems
- dental Neuralgia
- Neurosis
- Hydra arthrosis
- Lumbago of frigore
- faster healing of wounds.

Note of patent owner

S.C.ROFEP S.A.Urziceni, the patent owner is the only manufacturer authorized by the Ministry of Health (Authorization for Use nr.4118/1999) for "magnetic therapy device". The product is approved by Ministry of Health and station inspection and maintenance of medical devices.

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**Magnetic therapy treatment device
has no side effects!**

Remember:

1. Exposure time should be respected according to body weight just like in the table.
2. Regardless of the nature and place where the disease is located, the device should be applied only to the wrists and not elsewhere in the body.
3. The interval between 2 treatments cannot be less than 72 hours (3 days).
4. The total number of sessions in a series should not exceed 8 (eight). In case of more serious conditions, after a series of 8 sessions will be a break of 30 days, after which will start the next series of another 8 sessions.

5. To achieve a maximum therapeutic effect was established through experiment that not drinking or eating should be done 60-90 minutes before and after treatment. So the treatment should be made between meals.

6. Magnetic therapy device should not be generally applied to children, pregnant women or patients under treatment for infectious and contagious diseases.

7. At the time when treatment is not realized, the device will be stored in an isolated place, preferably away from the space where we spend our time (for example on a shelf in the pantry, on the balcony, etc.).

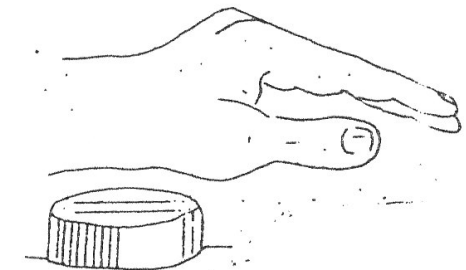


Figure 1