

IR EHF Therapy apparatus

“TRIOMED-KOMPACT”

Wellness techniques

Saint-Petersburg

2011

Sinitskiy A.A., Corresponding member of the Academy of medical-technical sciences
Russian Federation

M.V. Prygova, Chief Physiotherapist Public Health Committee, Leningrad region, Doctor
of the highest category

Scientific Consultant, Director of “National Institute of Health” biomedical and wellness
technologies department, Doctor of Medicine, Doctor of Sociology, Professor
D.C.Medvedev

IR EHF therapy apparatus “TRIOMED]- COMPACT”

Saint-Petersburg, I IPX 2011

Apparatus – St-Petersburg

Publishing House “Olimp-St-P“ 2010

This edition contains general data on “BioTrEM-technologies (EHF technologies of new
generation) – IR EHF therapy “Triomed-COMPACT”.

The book is designed for a wide reading community, it contains useful information for
those who are interested in preservation, rehabilitation and strengthening of their health.

Reproduction of the whole or any part of the book is forbidden without prior written
permission of the author.

Any attempts to violate the legislation are punishable by law.

ISBN © CEMMED, 2010

CONTENT

Introduction

IR EHF Therapy Apparatus "Triomed-Kompact"

Mode "Harmony"

I Mode "Universal"

II Mode "Healer"

III Mode "Anti-Stress"

IV Mode "Phenix"

V Mode "Edelweiss"

VI Mode "Youth"

VII Mode "Photon"

Advice on the use of modes of Apparatus "Triomed-Kompact"

Use of mode "Harmony"

Use of modes "Immediate Needs"

Mode "Universal" use

Mode "Healer" use

Mode "Anti-Stress" use

Mode "Phoenix" use

Mode "Edelweiss" use

Mode "Youth" use

Mode "Photon" use

Use of modes in complex programs of wellness and healing of chronicle diseases

EHF –puncture

Conclusion

References

Introduction

Technology of reproduction of electromagnetic oscillations of extremely high frequency (EHF) or according to different classification, millimeter range waves, used in apparatuses of the last generation are easy in use and efficient in acting on living organism. These radiations can be called metaphorically “waves of life” since they are used by the living organisms as information guiding signal, allowing to keep steady the inner environment, restoring and regulating processes of life. These waves are emitted by the living cell.

History of development of EHF-therapy is more than fifty years old and it lays on serious scientific foundation and clinical basis.

Use of apparatuses producing EHF can contribute to solving many problems which can't be solved with other medical means and methods, it is a reliable prophylaxis means enhancing adaptation capabilities of the organism.

As it is known, realization of marvelous effects of EHF waves is due to the bioresonance, which in turn is possible only in case of “well-directed hit” of the frequency of “damaged” cell. And this 100% hitting of the target is very problematic because it is impossible to calculate exactly the required frequency in this range since the state of the cell is dynamically changeable.

Use of advanced BioTrEM – technology, which is the result of the application of high technologies and scientific discoveries of XXI century helps to resolve this problem. EHF apparatuses of a new, the V-th generation on the basis of BioTrEM – technology guarantee for sure bioresonance due to the constant (every impulse) biological feedback and individual adjustment to the living object.

Emergence of BioTrEM – technology made possible creation of EHF apparatuses for indirect distant action on the living organism, adapting it to the environment and thus restoring its electromagnetic frame (what is often referred to as “biofield”).

Harmonizer “CG” was the first in this range, then followed Harmonizer “CGI”, and this “dynasty” was continued by IR-EHF therapy medical apparatus “Triomed-KOMPACT”. It combined healing modes (along with recommended applications to the body) and possibilities of distant action – mode “Harmony”.

Science-driven and high technology products of the group of companies “CEMMED” unique in the world, are designed to strengthen your health and the health of your family and your dear ones.

This edition answers your questions on the use of a new medical IR EHF therapy apparatus “Triomed-KOMPACT”.

IR EHF THERAPY APPARATUS “TRIOMED-KOMPACT”: GENERAL INFORMATION

New apparatus “Triomed-KOMPACT” of “CEMMED” company is a realization of wonderful possibilities of BioTrEM – technology and has all possibilities of this

technology. It is designed in order to achieve wellness and ensure prophylaxis of ailments in clinical practice as well.

The apparatus has all necessary modes for everyday use and as first-aid remedy as well at particular states, and at planned treatment of chronic and acute diseases.

The apparatus is of compact shape (it easily fits the palm), it is convenient in use outside home: in field conditions, during journey, on business trips. That is why EHF-oscillator and IR-oscillator are built in the body of the apparatus. Besides for distant action of the apparatus in mode "Harmony" a platform is provided allowing to fix the apparatus on the flat surface. On the sides there are holes for belt for fixing the apparatus in the required place.



Modern design, ergonomic well-rounded body of the dimension taking into consideration the "golden proportion", sunk button, light-emitting-diode indicator, rhythmic low-key buzzer, special straps on the body for hanging the apparatus and fixing the belts providing comfort and reliability in the usage.

Easy in use IR-EHF therapy medical apparatus "Triomed-KOMPACT" has several options of use depending on the aim. Every mode can be used independently as well as in successive combinations with other modes.

Successive use of different modes of the apparatus according to a particular plan allows to realize in full wellness program. IR-EHF therapy medical apparatus "Triomed-KOMPACT" combines all possibilities of the everyday Harmonizer "CGI" and several other possibilities of the medical apparatus "Triomed-KOMPACT".

All "modes" of apparatus "Triomed-KOMPACT" are special programs in which thanks to a number of technical innovations are preset all parameters of action including the carrier frequency of the EHF-signal - changing low frequency modulations and time of action. Further in the text they will be referred as modes.

"Triomed-KOMPACT" has eight modes: one mode for distant action on the organism (mode "Harmony") and seven healing modes for contact action called differently "Universal", "Healer", "Anti-stress", "Phenix", "Edelweiss", "Youth", "Photon".

In order to switch on the apparatus it is necessary to press button "Start". If one releases the button at once automatically the mode "Harmony" will be on, it is designed for distant action.

To choose necessary healing mode it is required to press button "Start" of the apparatus and hold it till the needed lamp combination is switched on (modes will successively change each other). At the indication of the required mode one has to release the button. Healing modes are of contact action. At contact action the sunken platform of the bottom of the apparatus is pressed on the chosen place. Sound and light indications show the correct functioning of the apparatus. Light indication allows to verify which mode is switched on.

After expiry of preset time for every mode the apparatus is switched off automatically. For a forced switch-off of the apparatus it is necessary to press button "Start" again.

INDICATIONS AND COUNTER-INDICATIONS OF THE USE OF EHF-THERAPY

Indications

- Diseases of peripheral nervous system;
- Diseases of vegetative nervous system;
- Narcology diseases;
- ENT diseases;
- Cardio-vascular diseases;
- Pleura and lungs diseases;
- Disease of gastrointestinal tract;
- Disease of the skin and subcutaneous cellular tissue;
- Diseases of supporting-motor apparatus;
- Gynaecological diseases;
- Pain syndrome of any localization;
- Articular pathology;
- Disease of the spine;
- Wounds, burns;
- Allergic diseases with skin manifestations.

Counter-indications

- General physiotherapy counter-indications;
- Uncertain diagnosis;
- Individual intolerance to the action;
- Feverish states of obscure etiology;
- Implanted devices with autonomous power supply (in the zone of installation of the apparatus).

MODE "HARMONY"

For mode "Harmony" it is necessary to press button "Start" of the apparatus and immediately release it. Blinking of "lower" lamp begins. Time of operation of this mode - 30 min.



Mode "Harmony" gives possibility to attenuate consequences of technogenic influence of electromagnetic radiations and other unfavorable stress factors on the human organism. This mode is designed to protect man and domestic animals from the unfavorable environmental action by optimizing response reactions.

Mode "Harmony" tunes the receiving energy-information structures of the human organism on the natural information-controlling electromagnetic radiations of millimeter range. The human organism again begins to accept the EHF - signals of the state of the health - "waves of life".

In other words, application of mode “Harmony” tunes biological subjects on perception “of the waves of life”, restores cell “genetic” memory of normal wave characteristics.

How does this occur? The radiations generated by the oscillator, imitating natural noise EHF - signal indirectly, via dynamic clusters of water molecules in the air acting as secondary micro-oscillators, enter in interaction with the electromagnetic frame of man. By mechanism of biological resonance occurs the correction of electromagnetic field of man, restoration of electromagnetic structure (“biofield”).

APPLICATION OF MODE “HARMONY”

Mode “Harmony” is recommended for the daily application (1 or 3 times per day depending on initial state of the organism). In this case the apparatus is fixed at a distance of 30-50 cm from the human. If it is used for a group of people than the room should not exceed 50-70 cubic meters.

Mode “Harmony” can be used by course (average course lasts 10-14 days).

For distant action (mode “Harmony”) apparatus “Triomed-KOMPACT” can be fixed on solid surface on the ridge (side platform) or hanged on the special belt (loop).

Application of mode “Harmony”

1. Prevents development of the ailment.
2. Precedes treatment (if any).
3. Accompanies treatment.
4. Enables to maintain good health after a course of treatment programs.
5. Balances relationship man-environment.

Mode “Harmony” can be used:

- On the working place (e.g. at personal computer);
- In working collectives (prevents fatigue from excessive strain, removes stress);
- At negotiations and conferences (eases understanding, helps to conduct conferences in a constructive way);
- In kindergarten groups
- At schools (helps children to concentrate and learn better studying material);
- During the trips: in cars or buses, planes , trains);
- At home

If a person has a chronic disease it is recommended to start the treatment of the organism with the use of mode “Harmony”, especially if the ailment is serious and the patient is weakened.

After a course of contact modes it is advisable to continue the treatment with use of mode “Harmony” for keeping and maintaining the achieved results.

This alternation of distant and contact modes is the most effective and the most sharing. There are no restrictions as for age in use of mode “Harmony”, the whole family benefits – youngsters as well as old people!

Thus, mode “Harmony”:

- Is a good prophylaxis means;

- Enhances general immune resistance;
- Enhances working efficiency;
- Removes fatigue;
- Makes stress-resistant;
- Improves sleep;
- Increases adaptability to the environment, reduces its negative influence;
- Produces unique action – restores bio-energy informational frame (“biofield”) of the human;

Action of the “Harmony extends on 50-70 cubic meters (average room).

Mode “Harmony” is a guardian of your health!

Mode 1 – “Universal”



For mode 1 (“Universal”) it is necessary to press button “Start” of the apparatus and hold it till the lamp of the right row lights up. Then release the button.

Blinking of the lamp starts.

Time of operation in this mode is 10 min.

Mode “Universal” is designed for independent use and in wellness programs: desintoxication, immunocorrective programs, program of metabolism normalization and functioning of internal organs and so forth. Mode “Universal” can be used “on the place of the pro blem”, it is used at acute states as the first-aid means and at treatment of chronic diseases as well.

APPLICATION OF MODE “UNIVERSAL”

This mode used at acute states and exacerbations of chronic diseases. Action is achieved on zones of projection of internal organs, zones of system correlation and biologically active points, zones of maximum pain - 10 minutes 3 times per day for 7-14 days (depending on the symptoms).

If you have doubts which mode to use in one or other situation it is recommended to use mode “Universal”.

Mode “Universal” is used for action by noise resonance radiation and for “recording” as well as for “transferring” of information from the object to the relevant information carrier including water.

It is known that after action of BioTrEM- technology oscillators in contact with the biological object at the moment of switching off “the record” of the electromagnetic signal (information) radiated by biological object to this oscillator takes place. Furthermore this “record” is emitted in the noise mode. The power of this radiation is negligibly small but nevertheless its action is effective.

During the work of oscillator in noise mode change in the wave characteristics of biological object occurs therefore it is useful to make periodically “rerecording” information from the organism.

Noise resonance radiation helps organism to manage different infectious agents, viruses, bacteria, fungi. Information signal helps organism to identify problem and triggers the adequate biological reactions, directed toward the solution of this problem.

By noise resonance radiation it is possible to act on the zone of projection of organs, on zones of correlating organs, on biologically active points and zones in the area of maximum sickness. It is possible to use mode “Universal” for “transfer” of information made before “a record” from the relevant object.

At acute diseases and injuries it is possible to make a “record” from the biological object (for example, from the pathologic center, biologically active point, zone).

It is possible to make a “record” from the natural product, phyto medicine (medical herbs), homeopathic medicine.

For “recording” information from the object it is necessary to approach special platform of the apparatus as close as possible to the object (to apply) and to switch on mode “Universal” for 15 seconds. Then turn off the apparatus by repeated pressure on the button. Only then the apparatus can be moved.

At the contact method of action the apparatus is fixed at the selected area by a special platform located on the rear surface.



If the object from which is “registered” the information is a liquid then it is possible to dispense a few drops on the special platform at the rear wall of the body which has a cavity. If this object is free-flowing, then it is advisable to dissolve it in the water.

Information can be “transferred” to the biologically active zone (point), to the water, to another information carrier.

In order to “transfer” information to the biologically active zone, it is necessary without switching on the apparatus to take it to the selected zone by the special platform located on the rear wall of the body and leave there for 15 minutes.

Is effective “the transfer” of information to “the zone of pulse” of the radiocarpal joint.



In order to “transfer” information to the water it is recommended without switching on the apparatus to take it for 1 minute to the wall of a thin-walled glass container by special platform on the rear wall of the body.

Several sips of this “information- charged” water are recommended to drink at once without pouring it or storing.

MODE -2 “HEALER”

For selecting mode 2 (“Healer”) it is necessary to press button “Start” of the apparatus and holding it wait till the lamp in the centre lights up. Then release the button.

The lamp starts blinking.

Operating time in this mode is 15 minutes.



Action in this mode enhances healing of wound surfaces, decreases inflammation of different origin, stops pain.

Effectiveness of this mode is due to the effect “of the record” of electromagnetic spectrum from the biological object and its subsequent re-radiation in the noise mode.

In the mode “Healer” during 15 minutes the sequence “rerecording – noise radiation - rerecording” is repeated many times (information is updated), in the pauses noise activated radiation takes place. After switching off of the apparatus passive noise radiation acts.

USE OF MODE “HEALER”

For acting with mode “Healer” it is necessary first to take the apparatus to the selected zone and only then to switch it on.

It is recommended to hold the apparatus on the relevant (“problematic”) place all the time of action of mode 3 (“Healer”) - 15 minutes. In this case there will be activated noise action with repeated “rerecording” (updating) of information. If the “problematic place” is extensive it is recommended to use mode “Healer” several times each time changing the place of action.

For passive noise action it is recommended after turning off the apparatus to leave it at the previous place for another 5 minutes (i.e. 5 minutes after turning it off). At acute virus diseases, influenza it is possible to repeat procedure every half-hour.

At treatment of chronic diseases mode “Healer” can be used for several months. In case of the acute phase of pathologic process it is recommended to “update” information as often as possible depending on the state.

MODE 3 - “ANTI-STRESS”

For selecting mode 3 (“Anti-stress”) it is necessary to press button “Start” of the apparatus and holding it wait when the lamp of the left row lights up. Then release the button.

The lamp starts blinking.



Operating time in this mode is - 12 minutes.

Mode “Anti-stress” is recommended at overstrain, increased irritability, psycho-emotional excitation, sleep disturbance, fluctuation of mood.

Use of mode “Anti-stress” enhances adequate reaction of the organism to the external stimuli.

Mode “Anti-stress” is used for preventing damages due to the stress of cardiovascular system, digestive tract, central and peripheral nervous system, as means of stopping pain, as complimentary means of drug therapy reducing considerable doses of drugs.

Contact and noncontact methods of application of the mode “anti-stress” are possible. Biological action depends on the method of

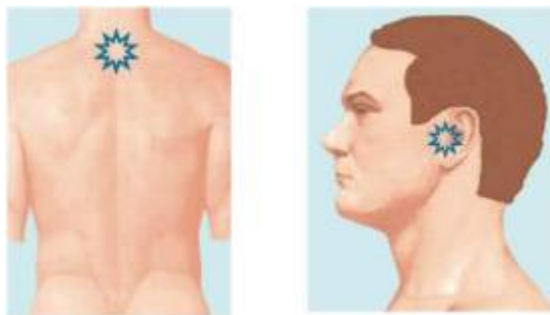
application.

At contact and noncontact methods of action normalization of regulation of central nervous system and vegetative nervous system activity, soft sedative and anti-depressive effects were noted.

At direct contact with skin microcirculation local improvement due to increased permeability of walls of blood capillaries, improvement in the rheological properties of blood, strengthening of the regional lympho- and blood drainage, modulation of immunocompetent cells of the skin were observed.

Noncontact method of action is used as complimentary means of general harmony and anti-stress effect.

USE OF MODE “ANTI-STRESS”



As “first-aid” the apparatus in this mode is used in a contact way by pressing the relevant place between VII neck and I breast vertebrae (Fig. 8), in the area of antilobium (Fig. 9) and also acting on the palm surface of the left hand by slow rotation clockwise of the apparatus, small and big circles for 10 minutes.

At direct contact with the skin the apparatus is applied to the body by the special platform.

Combination with the noncontact method is possible. Noncontact method has mild sedative effect and is performed at a distance up to 30-50 cm from the human.

The greatest effectiveness is achieved when used by course. Average length of the course is 10-14 days once a day (in the evenings 30-40 min. before sleep). It is recommended to repeat the course not oftener than once in three months.

MODE 4 - “Phoenix”

(wound healing, antipyretic)

For selecting mode 4 (“Phoenix”) it is necessary to press button “Start ” of the apparatus and hold it till two lamps - one in the extreme right row and another one in extreme left row are lit up. Then release the button.

The blinking of these lamps begins.



Operating time in this mode - 10 minutes.

Mode “Phoenix” is used at treatment of wounds, abrasions, burns, different inflammations (including joints), reducing edema and pain syndrome, decreasing probability of infecting the wound and considerably speeding up regeneration (restoration) of damaged tissues.

USE OF MODE “Phoenix”

At injuries with the required standard treatment methods prescribed by the doctor it is possible to use mode “Phoenix”. The apparatus in this case is fixed on the spot of tension or injury, damage of the skin, on the zone of projection of the fracture (it is possible to act through the dry bandage, dry gypsum), on the maximum pain zone.

Circular movements with apparatus are recommended around the place of damage using the procedure indicated below. The time of action up to pain management but not exceeding 30 minutes per day. Duration of the course - not more than 2 weeks.

Depending on dimensions of the wound (inflammation):

1. small surface - fixed apparatus procedure (to act on the area of the wound 10 minutes 3 times in 24 hour period);
2. labile procedure: 1st circle - healthy tissue, 2nd circle - border zone, 3rd circle - concentrically narrowing reach the center and act 10 minutes 3 times in 24 hour period.

It is strongly recommended to cover in a procedure:

- healthy tissues surrounding the zone;
- bordering areas of the zone;
- zone itself.

MODE 5 - “EDELWEISS”

(anti-hypoxia, antioxidant)

For selecting mode 5 (“Edelweiss”) it is necessary to press button “Start” of the apparatus and hold it till three lamps in one row light. Then release the button.

Blinking of these lamps begins.

Operating time in the mode - 12 min.



Mode “Edelweiss” enhances resistibility to hypoxia. This phenomenon can be caused by several reasons: by low oxygen content in inhaled air (for example, high mountains) or by disruption of respiratory metabolism in the organism (in lungs and at the cell level) which in turn can be the result of chronic diseases, often cardiovascular or of respiratory system.

Mode “Edelweiss” improves microcirculation - blood flow in the small blood vessels (capillaries), stimulates improvement in functioning of the entire respiratory chain (comprising hemoglobin of the blood, ferments, respiratory metabolism in lungs, transport and oxygen uptake, ATP synthesis). Tissue respiratory function of

any cell improves.

It results in improving of cell supply by oxygen, energy supply of the organism is increased.

Moreover mode “Edelweiss” has antioxidant effect.

There are substances with antioxidant properties. Antioxidants - inhibitors of oxidation, i.e., natural or synthetic substances capable of preventing oxidation of organic compounds.

Even in small quantity (0,01- 0,001%) antioxidants reduce the rate of formation of free radicals and hinder oxidation therefore for a certain period of time (period of slowing down, induction) oxidation products were not revealed.

Stresses, excessive strain, diseases actively change blood pH increasing acidification. This creates conditions for cancerous tumors, synchronization of diseases and premature aging of the organism. For this very reason antioxidant protection is necessary for the organism.

Use of mode “Edelweiss” which has antioxidant properties together with vitamins in the food can improve alkalization of the blood and hinder formation of free radicals which are destructive for the organism.

USE OF MODE “EDELWEISS”

Mode “Edelweiss” is recommended on the trips in the mountains, in gas polluted megapolis, at fatigue, acute and chronic diseases with intoxication, disruption of microcirculation or respiratory disturbance, or hindered blood circulation.

This mode is recommended at states with disrupted oxygen supply of cells and causing “acidification” pH shift of blood, accompanied besides by increased formation of free radicals, disastrous for the healthy cells. Mode “Edelweiss” is recommended to use in acute hypoxia and in cases of expressed acute intoxication together with the standard therapy prescribed by the doctor.

Before going in high mountains and in case of development of acute hypoxia (heart attack, respiratory insufficiency):



action on the zone in the base of the nail thumb of the hand (P11) to the left is recommended - 12 minutes



action on the zone of the upper third anteroexternal surface of the shin, lower 3 transverse fingers the edge of the knee cup (E 36) to the right - 12 minutes



action on the region between external malleolus (at the level of its center) and Achilles tendon to the left - (V60)



action on the zone at the edge of popliteal fold at the flexure of the knee joint from inside (F8) to the right - 12 minutes



action on the area of the internal edge of popliteal skin fold (R10) to the left - 12 minutes

Also mode “Edelweiss” is used on the abovementioned areas in case of overstrain, time of exhaustion caused by overwork, at acute infectious diseases combined with the standard therapy prescribed by the doctor - 12 minutes daily. Course - 7-14 days. Every day it is advisable to change zones of action (anti-hypoxia program and antioxidant) and every time different sides (left side - right side).

It is possible to use mode “Edelweiss” with other modes in the complex wellness and specialized programs at the treatment of chronic diseases. In this case mode “Edelweiss” is recommended to use on the above mentioned zones if they are relevant for these programs.

MODE 6 - "YOUTH"

(trophic)

For selecting mode 6 ("YOUTH") it is necessary to press button "Start" of the apparatus and hold it till light up two upper outer and one of the bottom lamps light up. Then release the button.

Blinking of these lamps start.



Operation time in this mode – 12 min.

Mode "Youth" can be differently referred to as "trophic". It is advisable to use it in the metabolism normalization and rejuvenation programs, at treatment of trophic ulcers of different origin.

It is well known that with ageing trophicity (nourishment) of skin and internal organs weakens due to worse microcirculation, formation of cholesterol platelets in the vessels, change in the blood viscosity, bad innervations etc. Metabolism is changed provoking often obesity, cellulitis, disturbance of sexual function, development of chronic diseases.

Mode "Youth" is aimed at trophicity restoration and normalization of metabolism that will in turn lead to revive blood microcirculation, active restoration of cells, improving of sensitivity of receptor function of cells to biologically active materials, hormones, better functioning of all organs and as a result the rejuvenation of the organism.

According to I.V.Rodschtat Academician of RAN (Russian Academy of Sciences) "... mechanisms of EHF - therapy are mechanisms of life prolongation".

Thus, in our arsenal there is a miraculous means of keeping young!

APPLICATION OF MODE "YOUTH"

Mode "Youth" is an urgent state mode which can be used in the case of exacerbation of trophic ulcers of any origin.



In this case it is recommended to act on the relevant problem using the procedures described in chapter "Use of mode "Phoenix". Furthermore, in this mode it is advisable to act on the following zones: action on the upper third of external surface of the shin, lower than the lower edge of knee cup 3 transverse finger (E 36) to the right - 12 minutes



action on the inside fold of elbow bend at the radial edge (in elbow pit, closer to the external edge) (P5) e left - 12 min.



action on the area of lower third of breast bone - 12 min.



action on the area between VII neck and I breast vertebrae (VG 14) - 12 min.

It is advisable to make course precisely on these zones as part of the specialized treatment program (depending on the ailment complicated with trophic ulcer).

Mode "Youth" can be used independently for optimizing the level of sexual hormones in the rejuvenating program after wellness programs.



In addition to this mode "Youth" can be used for acting on the skin along the massage lines.

Mode "Youth" can be used both as independent program after wellness programs (detoxication, metabolism normalization immunocorrecting program) and as part of metabolism normalization program.

MODE 7 - "PHOTON"

(infrared)

For selecting mode 7 ("Photon") it is necessary to press button "Start" of the apparatus and hold it till all four lamps light up. Then release the button. All lamps begin blinking.

Operating time in this mode - 5 min.



Mode "Photon" is the only mode of apparatus "TRIOMED-COMPACT" which is not EHF. It acts with infrared oscillator in information (nonthermal) mode.

This form of soft photon therapy makes it possible to optimize processes of energy supply of the cell, to optimize the system of the intracellular regulation and to activate biosynthetic processes. Possibility of the resonance energy absorption by the cell is ensured, what makes possible activation of metabolic processes in the cell and increase of its energy-effectiveness under the conditions of oxygen deficiency.

These processes besides independent positive impact are relevant for preparing and realizing of subsequent EHF therapy in a number of cases enhancing considerably its efficiency.

Infrared radiation:

- Improves rheological properties of the blood;
- Normalizes microcirculation;
- Optimizes immune status of the organism;
- Facilitates cell regeneration;
- Optimizes hormone production and in particular in case of diabetes mellitus and carbohydrate metabolism what leads to the increased production of insulin by pancreas cells, its transport to the targeted organs, reducing needs of the organism in insulin, normalizing production of counterinsulin etc.

Main indications for the use of infrared radiation are:

Preparation of areas and points to the subsequent EHF action, scar changes of tissues, subacute and chronic nonpurulent inflammatory ailments of internal organs, slow wound healing and trophic ulcers, diseases of peripheral nervous system with pain syndrome, residual phenomena after burns and freezings, vegetative disfunctions, simpathalgia, diabetes mellitus.

Counter indications for use of infrared radiation are:

Benign or malignant new neoplasia, active forms of tuberculosis, hypertonic disease of III degree, hemorrhage and impaired blood circulation of II-III degree. It is not recommended to act around eyes.

USE OF MODE "PHOTON"

Mode "Photon" can be used as additional method to enhance EHF – therapy or independently.

1. Light-emitting diode of infrared radiation can act on points and zones, preparing as if “heating” them before subsequent action of specialized EHF oscillators.

It is recommended to act 5 min. each zone (point).

2. It is used for scar resolution (on the place of scar projection). It is recommended to act 10 min. daily for 2 weeks.

3. At chronic nonpurulent inflammatory diseases (on the place of projection of the centre) – after consultation with the doctor.

It is recommended to act 10 min. on the projection of the affected organ for 2 weeks.

4. At diabetes mellitus in order to increase insulin sensitivity increase production of insulin.

It is recommended to act for 5 min. on the projection of pancreas for 2 weeks.

5. For accelerating healing of wound surface and trophic ulcers.

It is recommended to act 5 min. before EHF session on the projection of pathological center for 2 weeks. Indications and counter-indications of the mode “Photon” are described earlier in the chapter dedicated to this mode.

USE OF MODES IN COMPLEX PROGRAMS OF TREATMENT AND PROFYLAXIS OF CHRONIC DISEASE COMPLICATIONS

All modes of apparatus “TRIOMED- COMPACT” can be used both independently and in complex programs of treatment and prophylaxis of chronic disease complications.

Complex wellness program envisages system use of all eight modes of apparatus “TRIOMED- COMPACT” - one distant (“Harmony”) and seven medical ones (“Universal”, “Healer”, “Anti-stress”, “Phoenix”, “Edelweiss”, “Youth”, “Photon”) in the absence of counter-indications to infrared radiation. Thus, a succession of modes is observed as well as the integrity of wellness program.

It is advisable to begin action on the organism with mode “Harmony” 30 min. twice a day for 7 days. The preparatory stage of detoxication program starts in parallel with use of “structured” water.

This program as other wellness programs are described in detail in the publication “Waves of life, wellness techniques”.

In a week time in parallel with the first stage of detoxication - action on the middle meridians by the 1st mode (“Universal”) - is realized anti-stress program, described in the mentioned publication. It is carried out in mode 3 (“Anti-stress”) - 12 min. per zone.

Noise action in all programs is carried out for 15 min. by mode 3 (“Healer”).

After detoxication program (comprising “cleaning” of gastrointestinal tract, improvement of secretory function of the skin, “purification” of urino-genital system, “clearance” of the blood and “purification” of lymphatic system”) it is recommended to make a break of 2 weeks. At this time it is advisable to use mode “Harmony”.

The following program is metabolism and internal organs functioning normalization. It is carried out by mode 1 (“Universal”). Its 1st stage consists in acting on the spine by method of “three paths” which can be combined with mode “Edelweiss” on zones indicated above (in chapter “Use of mode “Edelweiss”) daily changing the sides (left side - right side).

The 2nd stage of this program (harmonizing of regulation of neuroendocrine system) can combine with mode “Youth” (zones are indicated above in chapter “Use of mode “Youth”).

The immunocorrecting program follows. It is realized in mode 2 (“Healer”) if it is part of the wellness system. But it can be carried out in mode 1 (“Universal”) in order to optimize urgently the immune answer.

If a person has evident pain caused by inflammation (of joints or damaged organ), the use of mode 4 (“Phoenix”) can start with the very first stage in order to stop the pain and inflammation.

It is recommended to act 10 min. 3 times a day in the zone of maximum sickness.

At injuries and the burns it is necessary to start also with mode “Phoenix” as soon as possible after injury locally (see “Use of mode “Phoenix”) and on the zones.

If it is a planned treatment of chronic inflammatory disease (e.g. the disease of joints) it is recommended to use mode “Phoenix” after wellness programs.

There are also in mode “Universal” specialized programs for different chronic diseases.

Infrared oscillator (mode “Photon”) can be used at all stages where EHF modes are used according to the plan mentioned above (see “Use of mode “Photon”) preparing thus action of EHF therapy enhancing its efficiency.

EHF – PUNCTURE

This method is designed for medical experts in EHF-puncture.

It requires knowledge of meridians, biological active points (BAP) and basics of reflexology as well as observation of certain rules.

EHF –puncture occupies a special place in techniques of the use of EHF apparatus. This method is preferred by rehabilitation medicine experts and reflexologists.

Use of EHF on biological active points allows to achieve targeted treatment prophylaxis results along with reduced general dosage (intensity) of action. BAP is a sort of an entrance gate for EHF radiation which is a trigger mechanism of principal regulatory systems of the organism.

Specificity of the response is determined as parameter of EHF electromagnetic radiation (wave length, shape of a signal, localization and exposure to the action) as well as functional state of a patient at the time of action.

At the action on the organism of EHF electromagnetic radiations via BAP the curative effect is achieved by general biological and (or) adaptation mechanisms. That is an explanation of a widening circle of nosological forms and syndromes requiring use of this method in the complex of rehabilitation programs.

Its use is recommended at all levels of homeostasis disruption: primary prophylaxis (health strengthening of the healthy people); enhancing protective functions of the organism of environmental influence and ecological catastrophies (protection effect); rehabilitation treatment of damaged organs and systems at acute form; rehabilitation chronic disease patients. The method can be combined with all existing means of diagnostics and rehabilitation treatment.

At the action of EHF radiation on BAP in order to correct a particular state it is recommended to observe general principles of reflexology.

Find below general rules of drafting prescription of EHF – puncture.

RULES OF DRAFTING EHF-PUNCTURE PRESCRIPTION

It is advisable to take 2 or 3 zones or biologically active points for one procedure.

General length of the action – 30 min. per one procedure.

Time of action on one classical Chinese point – 10-15 min.

Time of action on Zakharin-Gued zone and maximum sickliness point – 10-20 min.

Time of action on zones according to Su Jok, auricular points, biologically active points according to R.Folle - 10 min. per one point.

The EHF therapy course lasts as a rule 14 days, then pause for several months (3-6 months in average).

RULES OF SELECTING POINTS

Two points on different sides of diaphragm (below and higher diaphragm).

Rule of diagonal - if right hand, then left foot, and vice versa.

It is recommended to act on the points (including symmetrical) for 2 days. In this case it is recommended to act on a couple of points: for example left hand - right foot, next day right hand - left foot. It is desirable to combine “Yin” and “Yan” surfaces.

Zone action:

1) method of application – chart (division in fields, division of total time of action on a number of fields);

2) labile technique: 1 circle - healthy tissue, 2 circle - border zone, 3 circle - concentrically getting narrower we reach the center.

It is strongly recommended in one procedure to act on:

- healthy tissues around the zone;
- border areas of the zone;
- zone itself.

CONCLUSION

Task of each person - to form and support one's health.

Company "CEMMED" has taken care that innovation technology products could freely enter into any house, in every family, increasing thus level of health of every member of the family, implementing basic postulate of medicine: do not harm!

Equipment created on the basis of technology BioTrEM – IR EHF therapy "TRIOMED", Harmonizer CGI and IR EHF therapy apparatus "TRIOMED- COMPACT" are excellent instruments of health management both for users and medical experts.

As spoke the ancient – Blessed are those who have!

You obtained possibility to master unique system of new knowledge on new equipment opening fabulous horizons in managing health and longevity!

Your health will be best reward for us!

REFERENCES

1. Bessonov Terminological aspects of medical and pharmaceutical activity in the field of traditional medicine and homeopathy. - M., Practical-scientific center of traditional medicine and homeopathy MZ RF. Series "Scientific works". Vol. 1. 2000. S. 60-66.
2. Betskiy O.V., Devyatkov N. D., Lebedev na N.D. Treatment by electromagnetic fields/part 1. Sources and properties of electromagnetic waves. Biomedical radio electronics, 2000, № 7. s. 3-9
3. Vasilenko A.M. Elements of contemporary theory of reflexotherapy. Department of reflexology and manual therapy of Moscow state Medico- stomatological University. Reflexology № 3 (3) 2002 p. 28-36.
4. Volchenko V.N. EHF action, bioenergoinformation and the concept of information field. MPU A.D. Baumann. Coll. of articles of the conference "Millimeter waves of nonthermal intensity in medicine". - M., 1991.p. 620-624.

5. Karnaukhova E.V. Treatment of chronic placental insufficiency with use of electromagnetic radiation of millimeter range. Karnaukhova E.V. Avtoref. dissertation. Cand. of med. sciences. - Barnaul, 2004.
6. Medvedev D.S. Mechanisms and effects of the therapeutic action of electromagnetic waves of extremely high frequency on the human organism. EHF - technology in biology and medicine: Materials - St. Petersburg, 2009. p. 104-111.
7. Likharev V.A. Terminology aspects of medical and pharmaceutical activity in the field of traditional medicine and homeopathy. - M., Practical-scientific center of traditional medicine and homeopathy MZ RF. Series "Scientific works". Vol. 1. 2000. p. 72-74. 8. Materials of I international conference "Innovation technologies of control of health and longevity of man". - St. Petersburg, 2010. P. 339-348
9. Ordynskaya T.A. Wave therapy, Ordynskaya T.A. Poruchikov P.V. Ordynskiy V.F. - M.: Ex-MO, 2008.
10. Collection of reports of 12th Russian symposium "Millimeter waves in medicine and biology", 1 november 2000, IRERAN, 2000, p.115-117
11. Rehabilitation medicine textbook . Edited by A.N. Razumova, I.P. Bobrovnik, A.M. Vasilenko. - M.: Rehabilitation medicine, 2009.
12. Yarotskaya E.P., Fedorenko N.A., Naryzhnaya E.V. Reference book on eastern medicine/edited by Prof. E.P. Yarotskoy. - Rostov-on-Don: Phoenix, Kharkov: Torsing, 2004.