

RITM OKB ZAO

# USER'S MANUAL



for transdermal electrostimulators  
**CHANS-Scenar**

Taganrog

RITM OKB ZAO

## CHANS-SCENAR

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### USER'S MANUAL



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## USER'S MANUAL

### for transdermal electrostimulators CHANS-"Scenar", CHANS-01-"Scenar", CHANS-02-"Scenar"

#### 1 PURPOSE

Transdermal electrostimulators CHANS-"Scenar", CHANS-01-"Scenar", CHANS-02-"Scenar" (hereinafter – the device) exerts therapeutic, noninvasive influence upon human skin, makes general regulative influence upon physiological systems of human body in a wide spectrum of pathologies.

Methods and engineering solutions provide an individually-dosed electroinfluence on some areas on skin surface and stimulate reactions aimed to restore broken functions.

The device should be used:

- at home to correct pathological states (especially in case of pain manifestations), to improve healing dynamics after injuries, burns, chilblain and in other similar situations;
- At medicoprophyllactic institutions as the only remedy or can be combined with other methods of treatment.

This **User's Manual** consists of 2 parts:

The first part is intended for lay users. The second one is intended for doctors and medical professionals. The lay user should consult his doctor if pain and other problems of obscure origin appear.

The **User's Manual** was developed in collaboration with:

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## 2 TECHNICAL CHARACTERISTICS

The device forms bipolar impulses (without a constant constituent) controlled by body's response to influence, expressed in changing electroskin impedance.

Operating features of the device ("CHANS-"Scenar"):

- power adjustment;
- mode of influence by current impulses with the frequency of 90 Hz;
- "oscillating frequency" mode (device controlled variable frequency oscillates over 30 – 120 – 30 Hz);
- mode of interrupted impulse series ( duration – 3 sec, gap – 1 sec);
- a possibility to combine the mode of "oscillating frequency" with series of interrupted impulses;
- possibility to combine the mode of "oscillating frequency" and series of interrupted impulses with the individually-dosed mode.

Electrostimulator "CHANS-01-"Scenar" allows to choose impulse recurrence rate in the range of 14, 60, 90, and 340 Hz in the same modes and combinations including the combination of any of the frequencies with the individually-dosed mode.

Electrostimulator "CHANS-02-"Scenar" is a version where influencing by current impulses of 90 Hz and 60 Hz is implemented; the mode of 60 Hz is combined with 3:1 modulation and individually-dosed mode.

In the individually-dosed mode (IDM) the time of influence is set automatically and in the subjective-dosed mode (SDM) the time of influence depends on the influence response and is determined by a therapist (an operator).

The device has LED and audible indication for mode setting and termination of individually-dosed influence cycle.

## 3 TREATMENT APPLICATIONS

The device is recommended as effective in treating various pathologies, disorders and pain management for the following conditions:

- **NERVOUS SYSTEM** (various backbone diseases with secondary disorders of nervous activity, with statics and dynamics disorders, backbone deformation; radiculitis, neuritis, disorders of blood cerebral circulation and their consequences, diseases of vegetative nervous system, etc.);

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- **OSTEOMUSCULAR SYSTEM** (myositis, arthritis, arthrosis, soft tissue bruises, fractures);
- **RESPIRATORY SYSTEM** (tracheitis, bronchitis, acute respiratory diseases (ARD), acute respiratory virus diseases (ARVD), pneumonia, pleurisy, bronchial asthma);
- **CARDIOVASCULAR SYSTEM** (ischemia (coronary heart disease CHD), hypertension, hypotonia, various forms of arrhythmia), of extremities vessels (endarteritis, varicose veins, microcirculation disorders, trophic ulcers);
- **DIGESTIVE SYSTEM** (gastritis, enteritis, colitis, cholecystitis, hepatitis);
- **UROGENITAL SYSTEM** (pyelonephritis, cystitis, menstrual cycle disorders, inflammation of ovaries, sterility, gestational toxicosis);
- **DENTAL DISEASES** (parodontosis, periodontitis, pain relief).

#### 4 CONTRAINDICATIONS

- Individual intolerance (hypersensitization);
- heart pacemaker (work in the heart area);
- serious mental diseases;
- self-help in case of alcohol intoxication;
- acute infectious diseases with obscure origin.

#### 5 SAFETY MEASURES

The Device is safe to use as it is operated by low voltage batteries and is completely safe to be used by the end user and/or medical professionals. The device protects patients and staff from electrical shock. It is built in accordance with the EN 60601-1-2 Standard for machines with an internal power supply. Do not use the device before reading the User's Manual. The device should not be used for more than 5 hours of continuous operation per day.

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#### 6 PROPER CARE AND MAINTENANCE OF THE DEVICE

Check the Manual before using. Refer to the maintenance section of this manual for proper servicing to assure long life.

Treat the skin surface and visible mucosas. The treatment should be carried out while the patient is sitting or lying comfortably, with the affected areas exposed beforehand.

Treat the skin and the affected areas, or over the affected organ (heart, lungs, bronchi, kidneys, liver, etc.).

If it is not possible to treat the affected area (due to a wound, plaster bandages, etc.), treat symmetrical areas located at equal distance from the backbone to increase the effectiveness of the treatment, or treat reciprocals (e.g. left to right, up to down, left arm to right leg), and correspondences.

If the desired result is not achieved, treat the general areas (Fig. 1.1) and additional general area (see Fig. 6.2).

One procedure should take no longer than 60 minutes.

The symptoms which trouble the patient most are of great importance for SCENAR-therapy. Besides classic symptoms, it can be itching, skin tint changing, rash or any other unpleasant sensations. If the mentioned above signs appear before the beginning of treatment, they are called **primary signs**, and if they appear after the treatment they are called **secondary ones**.

Local changes within a treatment zone (asymmetries) are typical for SCENAR-therapy. They are:

- "adhesion" (the electrode stops "moving" along the skin; there is an impression that skin under the electrode is adhesive);
- **skin color changes** (hyperaemia or paleness), or **changes of the patient's sensations** (painful or sensitive area);
- **sound change when the electrode is moved along the skin** (sound intensification or absence);
- **various dynamics of dose achievement** (of passing 25, 50, 75 and 100%) when using individually-dosed mode.

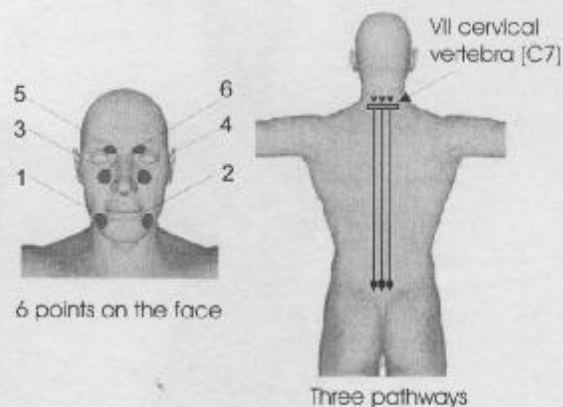


Fig. 6.1. General treatment areas

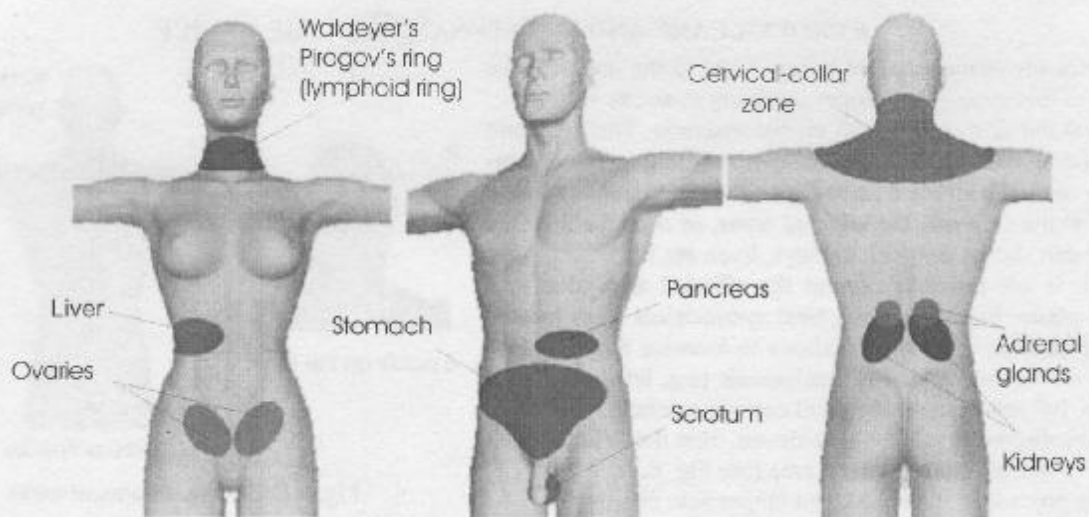


Fig. 6.2. Additional general treatment areas

Pay careful attention to these manifestations and treat the affected areas accordingly.

**Determining the right electrical output (intensity) when using the device.**

If it is necessary, use:

- **comfortable treatment mode** (a patient feels light pricking and vibration);
- **treatment at the level of pain threshold** (patient's sensations are tolerable);
- **intensive treatment** (patient's sensations are between comfortable and pain thresholds);
- **light treatment** (a patient does not feel or almost does not feel pricking).

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When first using the device, especially in acute (emergency) cases, determine the correct power setting which will be least painful in order to abate painful sensations. The power can be at a higher threshold or intensity when the electrode of the device is moved around in a continuous motion around the treatment area.

When treating children, especially infants and those under the age of 5, start with a minimal power. If there is no reaction, keep increasing the power setting until a comfortable setting is achieved that the child can tolerate without any painful sensations.

When treating chronic pain or chronic pathological conditions, use the "oscillating frequency" mode.

If during the therapy the sensations are uncomfortable, decrease the energy of influence.

When treating degenerative processes (especially with manifestations of pain), use the frequencies 14, 60 Hz at the beginning of the procedure; and the frequencies 90, 340 Hz or the "oscillating frequency" mode – at the end of the procedure.

When treating inflammatory processes in acute state use the frequencies 90 or 340 Hz, which should be chosen based on an individual organism response and a patient's reaction.

The frequency above the small muscles is 14, 60 Hz, above the large muscles – the main influence is 340 Hz, in combination with the frequencies of 14, 60, and 90 Hz.

When treating evident pathological processes, it is advisable to change and combine the frequencies during the procedure.

When working with the dual-frequency version, combine the frequencies 60 and 90 Hz, and in this case, when the "oscillating frequency" is recommended in the Manual, use the frequency of 90 Hz.

Between the frequency of 90 Hz and the "oscillating frequency" the latter is the main one.

The device can exert an interrupted influence (3:1) (i.e. amplitude modulation 3:1) that should be used according to the instructions of this Manual.

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## 7 TREATMENT MODES

### 7.1 INDIVIDUALLY – DOSED MODE

#### 7.1.1 MODE DESCRIPTION

When this mode is used, the time of influence on an area is determined automatically. During medical treatment the device follows the body feedback expressed in impedance change under the electrode. The light-sound signal indicates the termination of the influence.

Repeated treatment of the same skin areas is not recommended.

If you use IDM, do not move the electrode along the skin and do not take it away till getting the light-sound signal, indicating the individually-dosed influence termination.

IDM is more preferable for treating some systemic, chronic diseases, especially if symptoms are low-grade or effaced.

#### 7.1.2 OPERATING RULES

Set the individually-dosed mode (see the corresponding part of the Operational Manual).

Apply the electrode against the skin. The first LED indicating the initiation of the device operation will light up and go out for a second.

The following successive luminescence of the first, the second, the third and the fourth LED will indicate passing 25, 50, 75 % (approximately) and 100 % (exactly) of dose. In the latter case (if all the 4 light-emitting diodes light) the dose signal is given too.

The user can estimate the response rate based on the rate of LED switching.

Treatment zones with great response rate are more preferable for the influence.

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#### 7.1.3 GENERAL REGULATING METHODS FOR THE INDIVIDUALLY-DOSED MODE

##### *“Three pathways”*

The frequency is constant, 60 or 90 Hz, comfortable influence. A comfortable threshold of influence should be selected near the zone to be treated. One of the patterns of electrode moving along the lines is illustrated in the Fig.1.3. The encircled (highlighted) numbers show the sequence order for the treatment zones.

We reduced the number of “conditionally treated” zones to make it easier to understand. In fact, the quantity of zones depends on the patient’s backbone length. It can be 6 electrodes (a child) or 18 (an adult), etc.

1. Put the device below the spinous process of the VII cervical vertebra; locate the prolonged part of the electrode along the body’s horizontal axis (point 1 in the Fig.7.1). Do not take the electrode away till light-sound dose signal.

2. Move the electrode down along the backbone for one length of the electrode as shown in the Figure. After each dose signal move the device down along the backbone till the skinfold.

3. Move the electrode to the hair border along the medium line and treat the cervical part of the backbone (1-2 positions) in the same way.

4. Return to the beginning of the thoracic part and set the device on the paravertebral line (to the left from the backbone) on the level of the spinous process of the VII cervical vertebra.

5. After dose signals apply the device to the symmetrical zone on the other side of the backbone (according to the scheme).

6. Treat all the zones of thoracic, lumbar and sacral parts the same way.

##### *“Six points” on the face*

“Six points” (Fig.7.2) are the places of trifacial nerve emergence from skull bones. The order of treatment is as follows: first, treat the lower jaw areas (the mental ones), then - the infraorbital areas, and last, supraorbital areas.

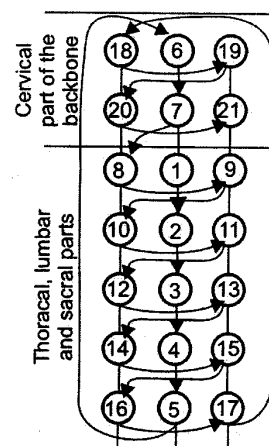


Fig. 7.1. A pattern of moving the electrode

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When there is manifestation of pain, treat the area where the pain is localized, then treat all six points illustrated to treat the pathology.

When treating other zones move the electrode along the area starting at the top and move downwards and from the left hand (of a person who treats) to the right one.

## 7.2 SUBJECTIVE DOSED MODE

### 7.2.1 MODE DESCRIPTION

This mode is also called 'constant mode'. In this mode the duration of stimulation on each skin area and the duration of the whole procedure is determined by the therapist in accordance with the User's Manual.

If at the moment of treatment the disease is in the acute stage, it should be treated as an acute disease - in the subjective dosed mode.

### 7.2.2 OPERATING RULES

First, determine the comfortable threshold level for the power output on the skin area outside the one to be treated.

If there are active (newly formed) **primary signs** of imbalance or pathology, begin treating the affected zones manifesting the disorder.

In case of an active complaint (i.e. a complaint that appears during the procedure), and, especially, if there are **primary signs** in its projection, begin treating this area. Put the electrode on the skin tightly. Move it above the treated zone with the same rate. Do not change parameters and direction.

If **secondary signs** appear, treat the zone manifesting the disorder until there is indication that the affected area is stabilized or has attained equilibrium.

After there is indication that the small asymmetry appears, change the mode of influence (frequency, modulation). Treat the zone of small asymmetry, trying to achieve sign dynamics, the better result is sign disappearance or achievement of the opposite sign.

Finish the procedure when the subjective improvement of the patient's state is achieved.

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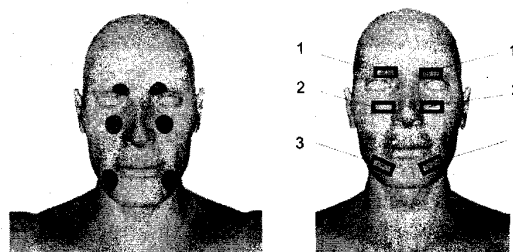


Fig. 7.2

If the subjective effect is insignificant, change the mode of treatment, and influence general and additional zones in addition.

Continue detecting the zones of small asymmetry and **secondary signs**.

Observe the patient's general state.

### 7.2.3 "INFORMATIONAL CLEANING OF BACKBONE"

This method should be used for fatigue, stress, vegetative disorders, and indisposition treatment in the subjective-dosed mode.

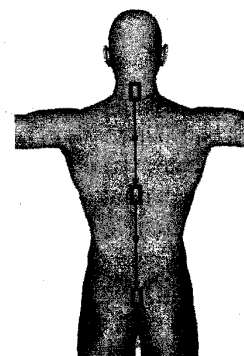
Position – a patient is prone (i.e. he/she lies on his/her stomach). Constant frequency - 60 or 90 Hz, intensive influence.

Put the electrode on the hair border along the median vertebral line; the longer side of the electrode should be put perpendicular to the horizontal axis of the body (Fig.7.3).

Tightly pressing the electrode to skin, move it slowly along the backbone from the top downwards (to coccyx).

Repeat it several times till hyperaemia appears in all the backbone parts.

The procedure should be not less than 15 to 20 min.



Information cleaning of backbone

Fig. 7.3

## 8 PART I. RECOMMENDATIONS FOR LAY USERS

### 8.1 ANALGETIC THERAPY

#### 8.1.1 PAIN DIFFERENTIATION

##### Spot-localized pain (a patient can exactly point out the pain localization area)

The pain is within a small area; it is quasi concentrated in a point. The pain is usually intense. Most often the pain has a shooting or cutting character.

**Recommended Treatment.** Choose the "oscillating frequency" mode (90 Hz for dual-frequency device), intensive influence. Put the electrode on the pain projection and treat for 3-7 minutes till pain abates or disappears. Some-

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times, the pain can migrate from one area to another. In this case, you should put the electrode on a new area, as if you "pursue" the pain till its abatement or disappearance.

#### **Limited pain**

The painful area has clear dimensions. As a rule the pain is intensive, its surface is equal to 1 or more palms. Set the constant mode. The influence is closer to the intensive one.

**Recommended Treatment.** Choose the "oscillating frequency" mode, comfortable influence. Begin with treating the painful area center; then move the electrode along the entire surface. The time of influence within the limits of each zone is from 30 to 60 sec. Treat the entire painful area for 5-10 min with smooth, circular movements, pressing the electrode to the skin. The area can be treated along the general vector.

#### **Extended pain**

The pain is extended within the limits of an anatomic area (chest, stomach, back) or extremities. It has no clear outlines. In this case, you should consult a doctor because it can be a sign of a serious disease.

**Recommended Treatment.** Choose constant mode (60 or 90 Hz), comfortable influence. Press the electrode to the skin and treat with massaging movements along massage lines. Pay attention to searching for zones of small asymmetries (adhesion, skin tint changing). Treat the zone for 10-15 min. or till pain disappearance (or considerable pain reduction). Take into account general recommendations concerning frequency selection (part 6).

#### **Vague pain**

A patient cannot define his sensations and describe his complaints objectively. The typical complaint is "it aches everywhere". In this case, you should consult a doctor.

**Recommended Treatment.** Stimulate "General Zones" (see part 7.3 "General regulating methods for the individually-dosed mode").

#### **Pain of traumatic origin**

The pain that appears after injury (bruise, fracture, sprain, burns, and wounds).

**Recommended Treatment** should be started with intensive influence on trauma projection and symmetric zones using the mode of "oscillating frequency". Combine it with treatment of general zones.

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#### **Chronic pain**

Usually it is characterized by low intensity; it can have dull, persistent, constricting character, often it is intermittent. The area of pain projection usually has considerable dimensions.

**Recommended Treatment.** Locate "pain center" and treat it first. Then, continue treating from the proximal zone edge (the nearest to the body center and the backbone) to the periphery.

Use the subjective-dosed mode.

If there are some painful areas: first, treat every area which is equal to one electrode in the AM (amplitude modulation) mode for 30-60 sec. Then, continue working in every area slowly moving the electrode along the zone by circular motions (not taking away from the skin) for 5-7 min for each area.

**Comfortable setting.** Make sure that the general recommendations are followed (Part 6) when choosing the right frequency. The intensity should be comfortable and not painful, but must be felt on the skin.

#### **8.1.2 ANALGETIC THERAPY IN PARTICULAR CASES**

##### **Headache**

Headache can result from various human states and diseases. There are general approaches to headache treatment (pain removal) without differential diagnostics of its origin and other particular cases.

**Recommended Treatment.** General approaches. Besides the pain projection, treat the cervical-collar zone.

The cervical-collar zone should be treated starting at the top and work your way down, from the backbone to peripheries in the constant mode with very slow massaging actions. Take the electrode away from the skin only to move it to a new area. Treat the left and the right zones separately.

The treatment should take 10-15 min till the pain is gone or subsides. Repeat the treatment following the same order in (after) 30 to 40 minutes, if necessary.

##### **Pain in the area of paranasal sinus**

**Recommended Treatment.** Treat the "4 points" illustrated:

The 1<sup>st</sup> pair – frontal sinuses – is for 2-3 cm sideward from the eyebrow beginning on the superciliary arch;

The 2<sup>nd</sup> pair – maxillary sinuses – is for 1-2 cm sideways, at nose level.



Fig 8.1

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First, treat the most painful (when pressing) zone of frontal sinus projection. Then treat a symmetrical zone. After that treat the maxillary zone on the opposite side and a symmetrical zone.

Use the "oscillating frequency" mode, at a comfortable setting. Treat each zone for 3-5 min. It is recommended to carry out 3-5 procedures a day. If there is a stiffness or pain in ear, treat the zone around the ear also (see Fig. 8.1).

### Toothache

**Recommended Treatment.** Put the electrode on the most painful point. Choose "oscillating frequency" mode, high intensity treatment. Treat for 15 minutes every 1-1,5 hour. If necessary, treat the symmetrical zone and the points of trifacial yield additionally.

### Extremities pain

#### Articulation pain

**Recommended Treatment.** Follow the scheme "Articular magic points" (Fig.8.2 "Articular magic points"). Apply the electrode where the pain is located as shown in the illustration. Set the "oscillating frequency" mode, at a comfortable setting. Treat for 10 min. You can repeat such procedures 2-3 times a day.

#### Pains along nerves (neuritis)

The pain is nagging or shooting.

Treat from the center to the periphery moving the device slowly (Fig. 8.2 "Lumbago").

Use the constant mode. If it is an advanced (neglected) case, use the AM mode in the constant mode. The whole zone should be treated within 10-12 minutes.

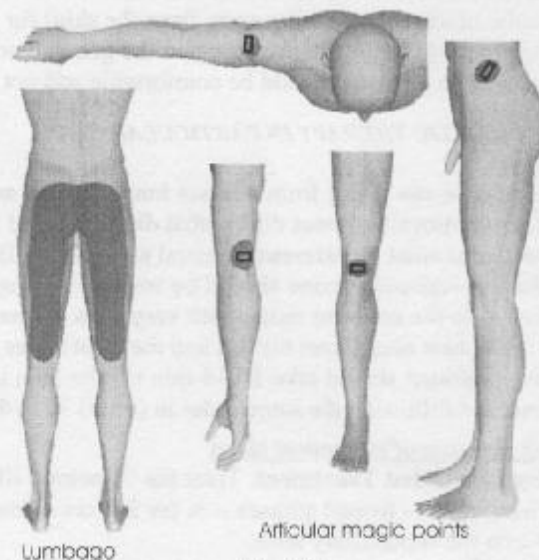


Fig. 8.2

### Back pain

#### Acute back pain

It appears after weight-lifting, jumps, fall, quick bending.

**Recommended Treatment.** Treat with a Scenar-device as an analgesic remedy till ambulance coming (see chapter "Analgetic therapy").

#### Myositis

Intensive pain, usually in back muscles, extremities muscles (usually on one side) causing constraint and increasing when moving.

**Recommended Treatment.** First, treat the painful area using the "oscillating frequency" mode, move the electrode and fix it on every area for 30-60 sec. Then, massage the muscle with the electrode by circular motions in the constant mode. A palm-size area (as large as a palm of a patient) should be treated for 5-7 min.

## 8.2 TRAUMA TREATMENT

The device is one of the principal remedies for first aid and trauma therapy for various wounds, scrapes and other type of skin surface damages. Its usage provides quick arrest of bleeding, pain abatement and accelerates the healing processes.

### 8.2.1 GRAZE, ABRASION, CUT WOUNDS

Put the electrode in the immediate affected skin area and treat it in the "oscillating frequency" mode for 3-4 minutes.

**Please note:** Direct electrode contact on the exposed damaged surface can be very painful. You must adjust the setting to the lowest intensity and increase the intensity until a comfortable level is achieved before treating the injured area.

It is also necessary to clean the electrode with alcohol or any other disinfectant (to disinfect the wound) before treating open wounds. Do not touch the skin with moist electrode because it can cause painful sensations.

After Scenar-treatment, apply iodine solution, brilliant green solution, or Novikov's liquid to the affected area.

To hasten the healing process you can treat the affected area in the constant mode, 2-3 times a day for 5 minutes.



As a general rule, one Scenar-procedure is enough for successful healing. Scab forms on the affected area. Under it the skin heals up in 3- 5 days and then the scab falls off.

When treating shallow cuts, or shallow and small lacerated and contused wounds, for primary treatment, use the following method: clean the wound with hydrogen peroxide and without drying treat it in the "oscillating frequency" mode for 3-5 minutes with SCENAR, the setting intensity should be minimal. Then you can put an aseptic dressing on the wound. Make 2-3 procedures a day. If it is impossible to treat the wound directly (due to a plaster), influence adjacent and symmetrical areas for 5-7 minutes. In this case choose constant mode, comfortable setting.

#### 8.2.2 FIRST DEGREE BURNS

The symptoms are - skin reddening and edema.

**Recommended Treatment** (no additional remedy is required). Immediately apply the electrode on the burned skin area. Use the "oscillating frequency" mode at a comfortable setting. During the first day treat the burnt area every 2-3 hours. No other forms of treatment are required or necessary to promote the healing and growth of new skin.

#### 8.2.3 SECOND DEGREE BURNS

The symptom is the appearance of white bubbles on the red affected skin.

**Recommended Treatment.** The treatment method is the same as in the previous case.

You can treat the periphery of the burn. If there is a plaster – treat healthy symmetrical skin areas.

**Please note!** Lay users should treat the burns of the 3<sup>rd</sup> and the 4<sup>th</sup> degrees as well as the burns of a large size only under traumatologist's control. In severe case, at bay (in desperate situations) treat the whole surface of the burn.

#### 8.2.4 CONTUSIONS

Put the electrode on the contusion surface area and treat it as in case of localized acute pain.

For lay users to remember: in case of head contusions and large-size contusions consult a traumatologist promptly.

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#### 8.2.5 FRACTURES

Applying Scenar-therapy for fractures in pre-hospital phase (immediately after trauma and before rendering qualified medical help) will reduce the pain, edema and creates favorable conditions for bones union.

##### *Fractures treatment right after trauma*

Put the electrode on the most painful area. Choose the "oscillating frequency" mode, high intensity – at the threshold of pain sensitivity. Treat until pain abates considerably (about 20 minutes).

**Treating fractures after a qualified medical help.** Treat the area that is symmetrical to the fracture on the healthy extremity. Choose the AM mode at a comfortable setting. Carry out such procedures 2-3 times a day during 3-5 days. Later, one time a day till complete recovery.

##### *Rehabilitation after discarding a plaster cast*

Use the constant mode, comfortable intensity. The affected zone should be as if "massaged" by the device electrode. Move the electrode from the periphery to the center.

#### 8.3 DISORDER OF ARTICULAR MOBILITY

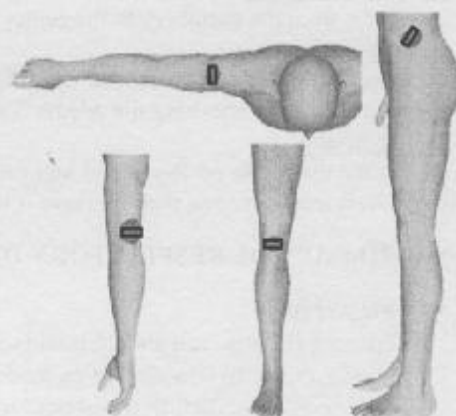
##### **"Magic points" system**

There are the so-called "magic points" that are located on the hip joints, shoulder joints and knee joints. Treating these joints results in a considerable improvement of mobility and pain abatement. The arrangement of the points is shown in the Fig. 8.3.

All the other joints should be treated from every quarter. Also do it if treating the "magic points" does not produce a desired positive result.

#### 8.4 ANTI-EDEMA THERAPY

Edemas appear as a result of cardiovascular system or kidneys dysfunctions, various traumas.



Articular magic points

Fig. 8.3



**Recommended Treatment.** Set the constant mode. Treat the boundary between the edematous and the healthy tissue for 1-2 min.

Then treat the edema zone using the "oscillating frequency" mode (90 Hz for the dual-frequency version). Set a fixed frequency and reveal the zones of asymmetry and small asymmetry.

When one is using any of the modes, one should press the electrode to the skin tightly as though "massaging" the edematous surface. Use comfortable setting.

#### 8.4.1 ANTI-EDEMA THERAPY IN PARTICULAR CASES

##### Extremities edema

Treat from the periphery to the center using two modes of influence (IDM and SDM).

##### Local edemas

Local edemas can be caused by stings, nettle rash, etc. Treat them in SDM by massaging movements as if smoothing the edema from the center to its edges.

##### Eyelid edema

Put the electrode on the eyelid and press it (Fig. 8.4). At the beginning of the treatment set the lowest intensity, and then increase it till vibration. Treat every eyelid for 5-6 min.



Eyelid edema

Fig. 8.4

#### 8.5 THERAPY OF RESPIRATORY DISEASES

##### 8.5.1 RHINITIS

Treating rhinitis, you should treat (see Fig. 8.5).

– zones of frontal sinuses. The projection is located 2-3 cm above the eyebrow.

Choose the "oscillating frequency" mode, comfortable setting.

Start treating the most aching side for 3-5 min. Then treat the opposite side.

– Maxillary sinus zones are located 1-2 cm upwards from the nostrils. Use the mode of "oscillating frequency".

Start with treating the side where the frontal sinus was treated.

– Treat the dorsum of the nose near the root in the constant mode for 2-3 min.



Fig. 8.5. Maxillary sinusitis, frontitis

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##### 8.5.2 ACUTE RESPIRATORY DISEASES (ARD)

Treating ARD accompanied by rhinitis, use the given scheme for rhinitis treatment but in the expanded variant.

Choose comfortable influence in the "oscillating frequency" mode and treat the maxillary sinus projection zones and lateral surfaces of the nose (Fig. 8.6) for 3-5 min each side;

choose comfortable influence in the "oscillating frequency" mode and treat the projection of throat and larynx on the neck (Fig. 8.6) for 5-7 min;

choose constant mode and treat the zone located on the hand backside between the 1st and the 2nd fingers bases (Fig. 8.6) for 3-5 minutes each side.

For headache abatement, treat the temples as shown in the Fig. 8.6.

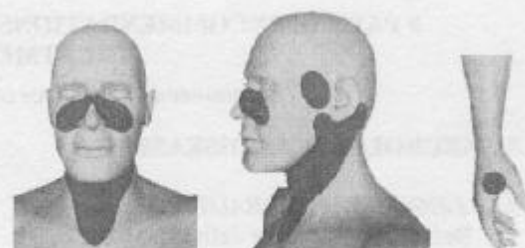
For successful treatment make 3-5 procedures a day, in equal intervals.

##### 8.5.3 TRACHEITIS

Tracheitis is accompanied by dry cough, dry mouth, tickling in the throat.

Treat the point in the jugular fossa for 3-5 minutes. Use intensive influence in the "oscillating frequency" mode.

Move the electrode to the point on the larynx center. Put the longer part of the electrode at right angles to the axis of the body and slowly move it upwards (see Fig 8.7).



Acute respiratory diseases

Fig 8.6

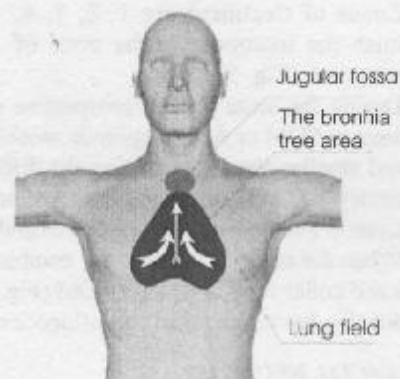


Fig 8.7

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## 9 PART II. RECOMMENDATIONS FOR MEDICAL PROFESSIONALS. TECHNIQUES FOR TREATMENT OF SPECIFIC DISEASES

*(Recommended influence zones for various pathological states and diseases)*

### 9.1 NEUROLOGICAL DISEASES

#### 9.1.1 TRIGEMINAL NEURALGIA

Before the procedure define the local functional state, motor-sensitive changes, record the current complaints and sensations of the patient.

Zones of treatment are 1, 2, 3, 4, 5. Finish the treatment in the zone of horizontals 6 (Fig. 9.2).

During the acute period, irrespective of the pain localization, start treating the healthy side. At first carry out the treatment in SDM or AM (amplitude modulation) mode on the zone 5 in front of the auricle. In the zones of horizontals – 6 reveal smaller areas manifesting the differences ("small asymmetry" areas) and secondary features (secondary "small asymmetry"). Carry out the additional treatment on these zones in IDM.

Control the dynamics of sensations and changes of motor-sensitive activity.

When the effect is insufficient, combine the above mentioned treatment protocol with the treatment of the backbone zones and collar zone in IDM or SDM (Fig. 9.3 – zones 1, 2 and Fig. 9.5 – zone 7). Reveal the asymmetries and treat them additionally, having changed the influence mode.

#### 9.1.2 FACIAL NEURITIS

The treatment is applied to both sides of the face zones 1, 2, 3 (Fig. 9.2), beginning with the healthy one in IDM.

Controlling the reactions to treatment, reveal the asymmetry and define the areas that should be treated additionally.

Then treat the zones of the large vessels 4 in SDM on the lateral surface of the neck.

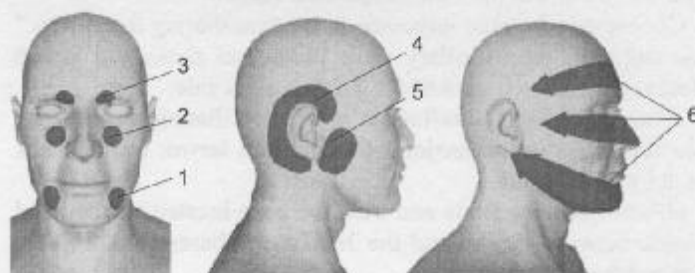


Fig. 9.1

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Small asymmetry areas should be treated additionally in IDM.

Finish the treatment of the facial zones (starting with the affected side) along the nerve fibers of the facial nerve from the zone 5 (along the pointers) in SDM.

Pay attention to the pale areas which occur during the treatment and apply additional treatment to these zones (preferably with FM+).

In IDM or in the Modulation Mode (3:1) on the border of comfortable sensations, achieve motor reactions.

Add the treatment of the front abdominal wall and backbone zones during further sessions (Fig. 9.10 – zone 6, Fig. 9.9 – zones 2, 4, 3).

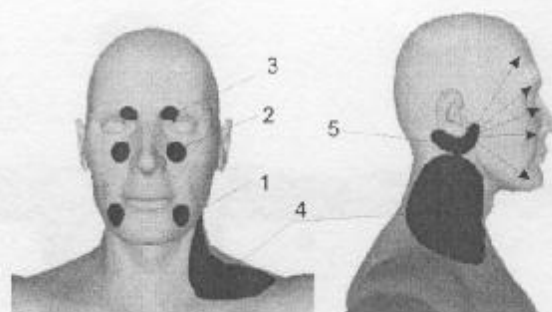


Fig. 9.2

#### 9.1.3 HUMERAL PLEXITIS

In case of the localized pain syndrome, start with treating the painful zone and the symmetric area along the "horizontal" on the healthy side. Achieve the dynamics of sensations using SDM. In case of a large painful zone, find the areas for optimal influence in IDM.

The zones to be treated are: the interscapular space – 1, the cervical-collar zone – 2, the thorax – 3, the zones above the clavicle – 4, the scapula area – 5, and, depending on the manifestations, zones 6, 7, 7.1, 8, 9, 10 (Fig. 9.3). To make it convenient, the zones are shown from two different sides.

In AM (3:1), especially with the remote electrodes for a stimulation of muscles, achieve motor reactions – visible contractions, treat on the pain threshold, change the frequency and modulation as well as the treated areas. Treat additional zones in IDM taking into consideration the asymmetries.

*Always compare motor activity before and after the procedure to estimate the efficiency of therapy.*

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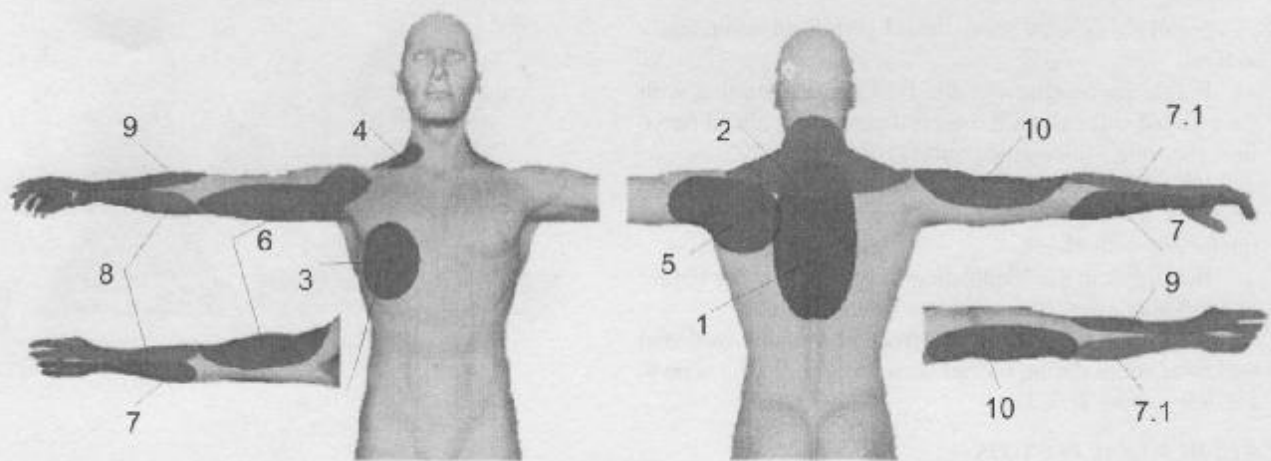


Fig. 9.3

#### 9.1.4 NEURITISES OF ULNAE, MEDIAN AND RADIAL NERVES

In case of pain which is accompanied by motor disorders and infringements of sensitivity, start treatment with the zone 1 and then continue along the corresponding zones of the healthy hand – zones 2, 2.1, 3 or 4 in IDM (Fig.9.4).

In SDM provided that there are signs of small asymmetry, treat the zones 2, 2.1, 3 or 4, especially above the projection of the affected muscles.

In IDM treat the zones 5, 6 and auxiliary area – 7.

During the procedure, strive for a decrease of pain sensations and improvement of motor activity.

Use the described treatment on the leg zones (the internal, the external, the front or the rear surface) according to the principle of reciprocals: right arm – left leg, left arm – right leg, internal part of an arm – external part of a leg, front part of an arm – rear part of a leg, etc.

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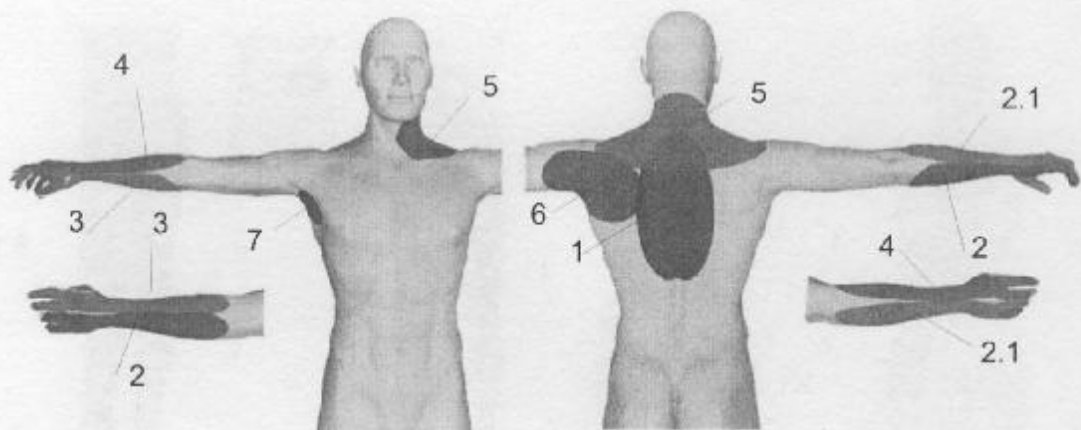


Fig. 9.4

#### 9.1.5 NEURITIS OF SCIATIC, FEMORAL NERVES

Having motor disorders, start the treatment on the horizontal zones of the lumbosacral area and, the zones of affected segments 1, 1.1, 2, 2.1, 3, 3.1, 4, 5, 5.1, 6, 6.1 and the interscapular zones 8 (Fig. 9.5).

In case of pain and expressed vegetative-trophic disorders, start the treatment with the zone of the disorder's focus, then treat a symmetric area and the zones of the lumbosacral region of the backbone 7.

Search for asymmetries, the zones for optimal influence, combine (alternate) zones and modes of influence during the procedure and from session to session.

Repeated treatment shall result in pain abatement and increase of range of motions during the treatment sessions.

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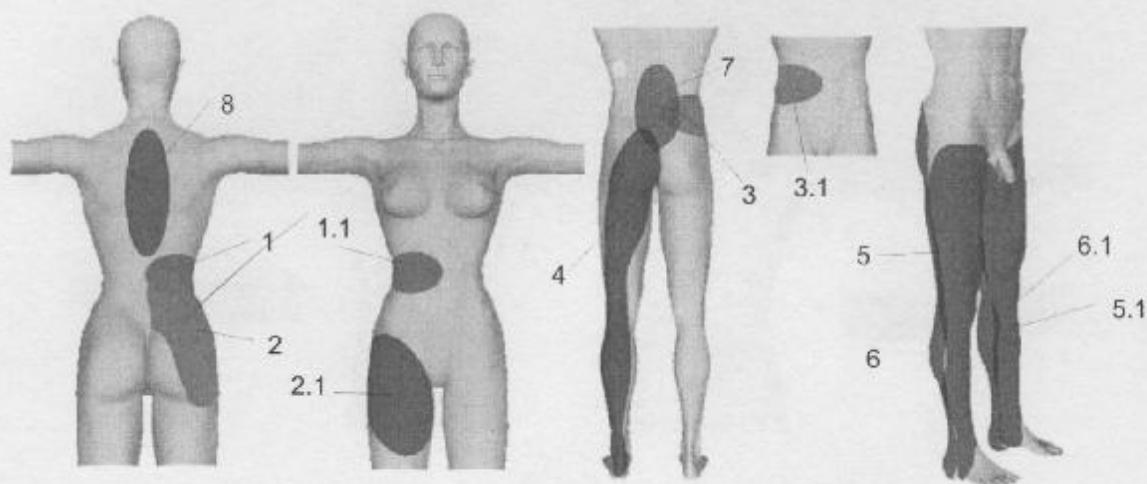


Fig. 9.5

### 9.1.6 LUMBOSACRAL DISORDERS

In case of expressed and extended pain, start the treatment in IDM in the interscapular area zone 1 (Fig.9.6).

In case of local pain manifestations and pain whenever movement is involved, treat these zones in SDM. During operation in IDM or provided with the small asymmetry of the subjective mode, reveal areas and zones optimal for influence.

Concentrate on treating the pain manifestations, by applying SCENAR in zones 2, 2.1, 4, 4.1 in SDM.

When there is no effect and the pain spreads down towards the legs, treat zones 5, 5.1 or 6, 6.1 along the horizontal (Fig.9.5).

*To intensify the effect, treat the symmetric zones and combine and alternate zones of treatment during sessions.*

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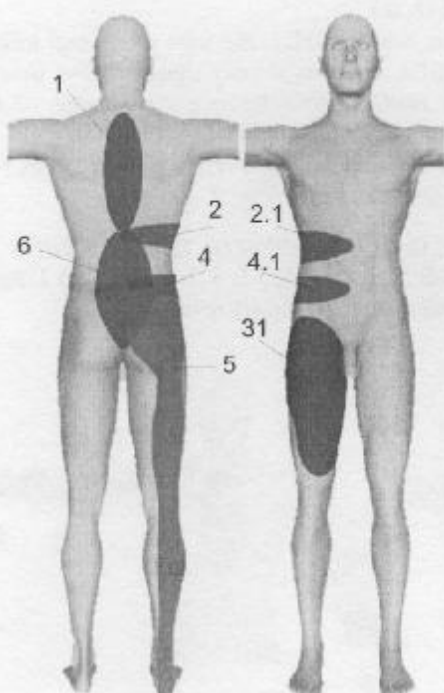


Fig. 9.6

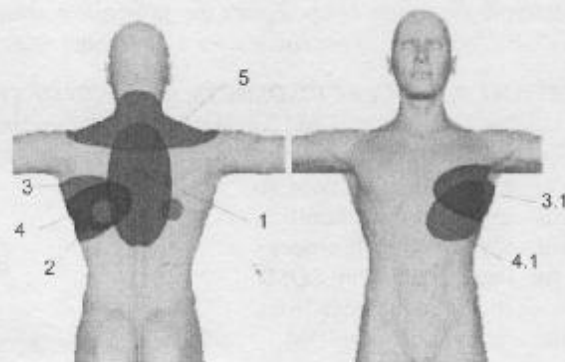


Fig. 9.7

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### 9.1.7 THORACAL RADICULAR DISORDERS AND INTERCOSTAL NEURALGIA

Start the treatment in zone 1 using the SDM setting, the interscapular area. Establish the zone of optimal influence. Treat it in IDM until the influence termination signal. When determining the small asymmetry signs in SDM, treat these zones in IDM. Then, if the clear pain centre or other trophic disorders are available, treat the zone of the centre – 2, left or right horizontal zones 3, 3.1 from the backbone taking into account the asymmetry due to influence (Fig. 9.7).

Alternate the given zones during the subsequent sessions with the treatment of general influence zones ("three pathways" and "6 points" of the collar zone 5) and zones of the affected segment – 4, 4.1 (Fig. 9.7).

### 9.1.8 CERVICAL RADICULAR DISORDERS, DISEASES OF THE CERVICAL DEPARTMENT OF THE BACKBONE

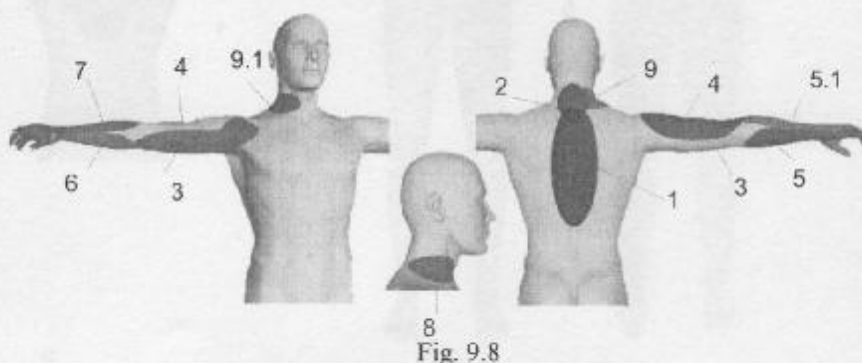
Successively treat zones 1 and 2 in IDM or SDM, then the pain spreading zones 3, 5, 5.1, 6, 7, 4 (Fig. 9.8). Determine the signs of small asymmetry during the treatment and apply additional treatment to the newly revealed zones.

In case of intensified pain in the neck and upper extremities during a movement of the neck, apply the local zone 8 in SDM. Determine the optimal zones from two sides and treat them in IDM.

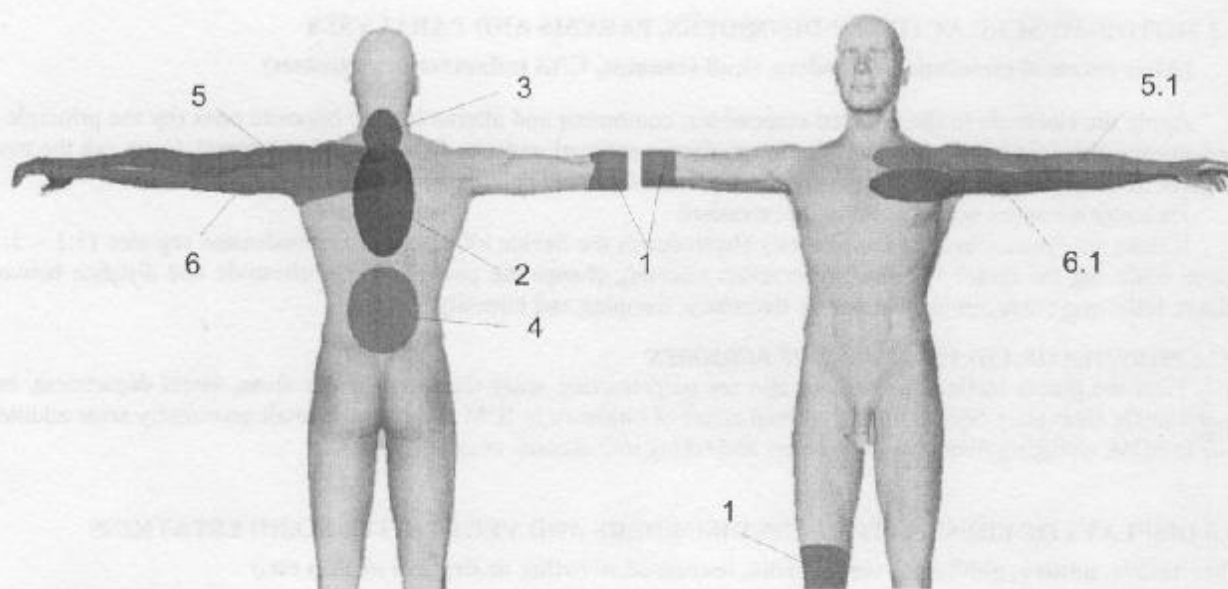
If the effect is minimal or where there is no effect, expand the zones of treatment horizontally.

The treatment is performed in the direction from the backbone to the centre of the zones 5, 5.1 or 6, 6.1 (Fig. 9.9) or 9, 9.1 (Fig. 9.8).

If small asymmetry signs are revealed in SDM, treat these zones in IDM.



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### 9.1.9 PHANTOM PAINS (PAIN IN AN AMPUTATED EXTREMITY)

First, treat the stump – zone 1 in SDM. Reveal the small asymmetry signs and define the optimal areas for the influence in IDM from two different sides in symmetric areas.

Next, treat the zones of the backbone 2, 3 and 4 depending on the localization of pathological process, or the corresponding horizontals 5, 5.1, 6, 6.1 (Fig. 9.5).

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## 9.2 MOTOR-MUSCLE ACTIVITY DISORDERS, PARESIS AND PARALYSES

(After cerebral circulation disorders, skull traumas, CNS inflammatory diseases)

Apply the electrode to the affected extremities, combining and alternating the opposite ones (by the principle of reciprocals: the right hand – left leg, internal surface – external surface, distal – proximal areas). Carry out the treatment in SDM defining zones of small asymmetry for additional applications.

Fix motor dynamics before and after the procedure.

If there are "juxtaspinal" (paravertebral) electrodes in the device kit, apply in the modulated regimen (3:1 – 5:1). Upon achieving the motor "passive" contraction (clonus), change the position of the electrode and distance between plates, following the recommendations on frequency, damping and intensity.

### 9.2.1 PROPHYLAXIS AND TREATMENT OF BEDSORES

Treat the places inclined to bed sore and the neighbouring areas (humeroscapular areas, sacral department, buttocks, ankle areas etc.). Search for the optimal zones of influence in IDM and treat the small asymmetry areas additionally in SDM, changing frequency parameters and taking into account muscles groups.

## 9.3 DISPLAYS OF FRUSTRATION CNS DISORDERS AND VEGETATIVE MANIFESTATIONS

(headaches, nausea, giddiness, tachycardia, increased sweating or dryness of skin etc.)

To begin, treat distal department zones of extremities – 1, 2, 3, 4 in IDM, and the zones of the front surface of the thorax and stomach – 5 and 6 (Fig. 9.10) in SDM. Combine and alternate with the cervical-collar zones – 7, "6 points on the face" – 8, 9 and 10, as well as the zones 11 and 12 on the internal surface of the forearm and hand.

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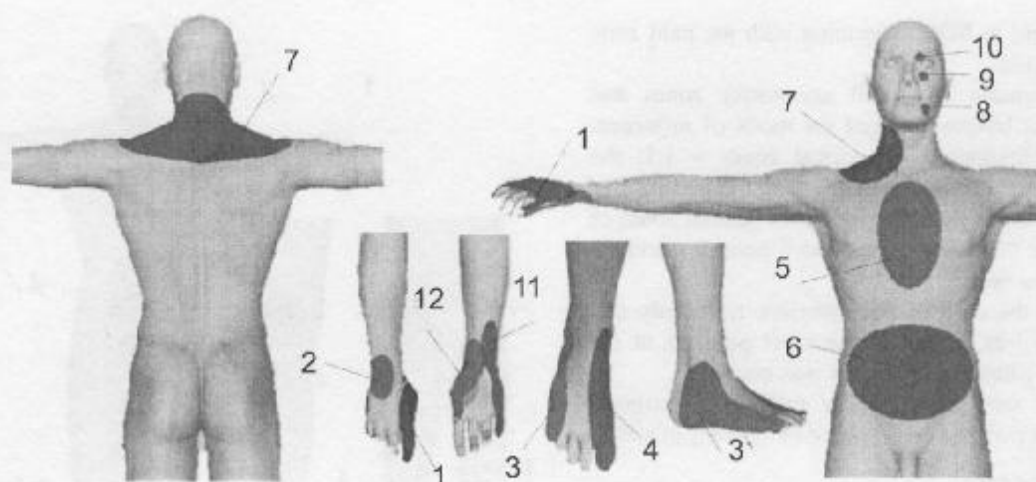


Fig. 9.10

## 9.4 LOCOMOTOR DISEASES

(diseases of joints, muscles, tendons, soft tissue bruises and joints contusion, dislocations, fractures, ligament sprain)

### 9.4.1 ARTHRITISES, ARTHROSES, PERIARTHRITISES

If the manifestations are concentrated in one joint or are connected to its affection, influence the dermal areas above the affected joint from the front and from

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behind in SDM beginning with the pain zone 2 (Fig. 9.11).

Determine the small asymmetry zones and treat them having changed the mode of influence. Treat additionally symmetrical zones – 1.1, the zones of the cervical or lumbosacral department of the backbone – 3 and 4. Then treat general zones of influence: "three pathways and 6 points", cervical-collar zone (part 1).

In the case of polyarthritides, treat only one pair of joints, which is the most painless at the moment when the treatment was started.

*Prior to and following the procedure compare volume of active and passive movements in joints.*

#### 9.4.2 MYOSITIS

Influence the areas over the affected muscles in SDM, for example, zone 1; and apply treatment over the asymmetrical manifestation area in the Modulation Mode. If necessary, treat symmetrical 1.1 and contralateral zone 2, areas and zones 3, 4, 5 (Fig. 9.12).

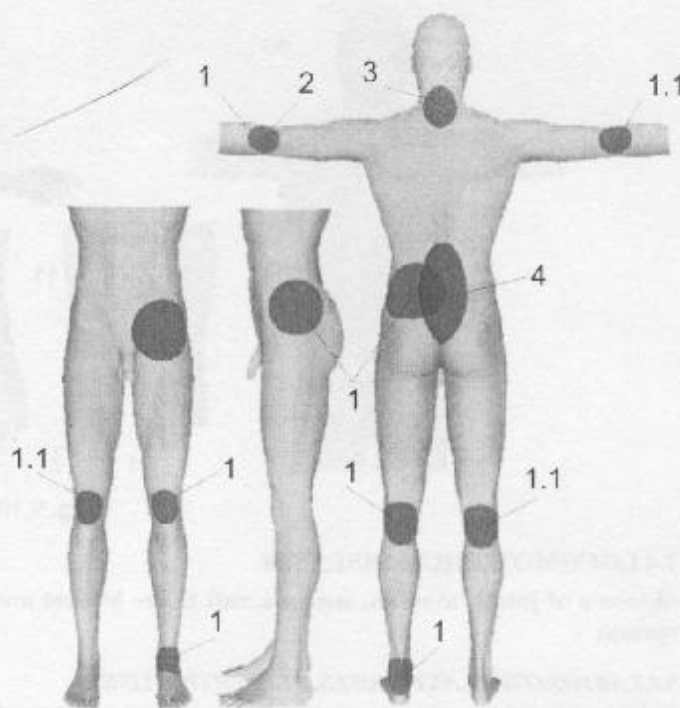


Fig. 9.11

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#### 9.4.3 TENDOVAGINITIS, LIGAMENT SPRAIN

During acute period, apply treatment in SDM over the area where there are painful sensations, for example, 1 (Fig. 9.13).

If necessary, treat the horizontal zones – 5, 5.1, 6 and 6.1 (Fig. 9.9) and zones of interscapular space and cervical-collar zone 2, 3 (Fig. 9.13).

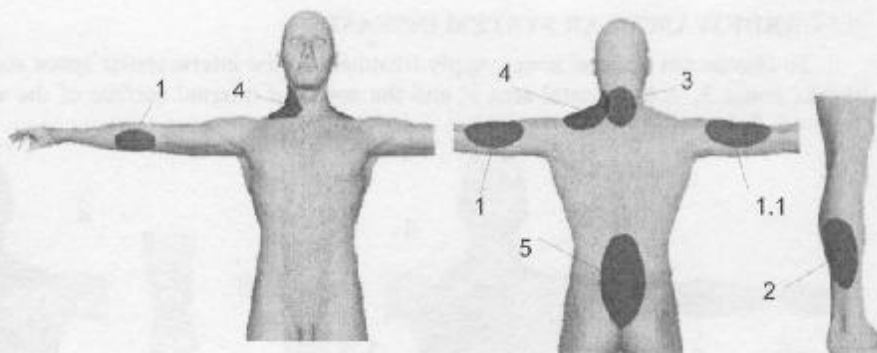


Fig. 9.12

#### 9.4.4 CONTUSIONS, HEMATOMAS, DISLOCATIONS, FRACTURES

Treat over the affected area in SDM. If it is not possible due to plaster or a bandage, carry out the treatment on the symmetrical areas of the body and the opposing zones (arm – leg).

In case of appearance of small asymmetry signs, change the influence mode and treat the areas.

Use this mode of treatment in combination with the treatment of the general zones ("three pathways", "6 points", collar zone).

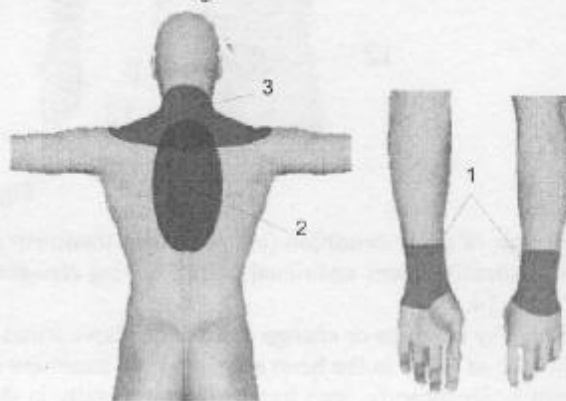


Fig. 9.13

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## 9.5 CARDIOVASCULAR SYSTEM DISEASES

To choose the optimal zones, apply treatment to the interscapular space zones – 1, the collar zone – 2, the front thorax zones 3, 4, the frontal area 5, and the zones of internal surface of the arms and the shin (more often on the left) – 6, 7, 8, 9 (Fig. 9.14).

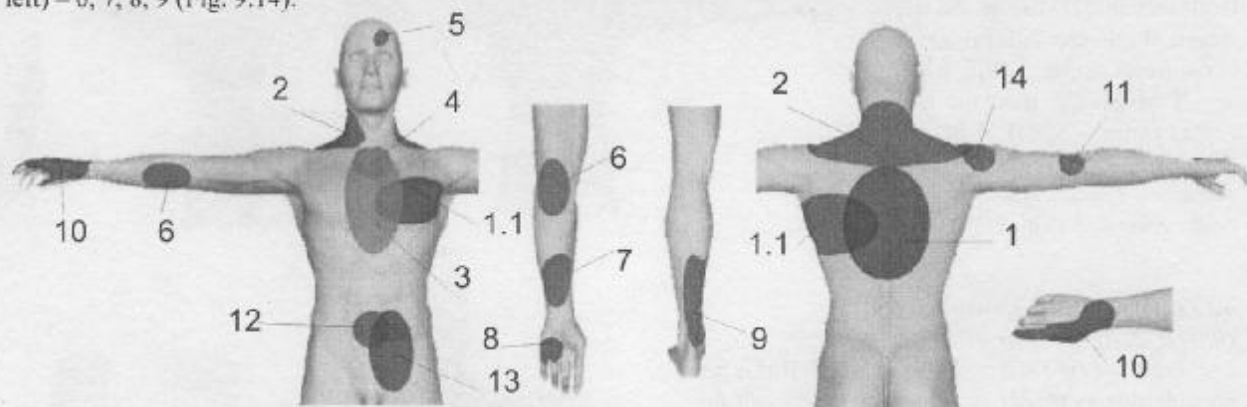


Fig. 9.14

In case of acute condition (crises), begin treatment in SDM, revealing small asymmetrical signs. Treat the revealed distinctive areas additionally after having changed the influence mode setting. Apply treatment to zones 10, 11, 13, 12, 14.

One may combine or change mentioned above zones while treating.

In case of pains in the heart area, start the treatment in zone 1 (1-2 minutes). If there is no effect or the state has changed insignificantly, start treatment horizontally in the zone moving the electrode with compression to the front projection of the heart (zone 1.1 along the pointer).

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Apply stable influence in asymmetrical zones in IDM (moving the electrode).

Carry out the influence up to the disappearance of the pain syndrome and crisis manifestations. Control the functional state of the patient and the dynamics of sensations. Apply treatment to the bottom of the stomach and around the umbilicus- zone 13, 12 additionally. Carry out the treatment using different mode settings.

### 9.5.1 ISCHEMIA, STENOCARDIA, MYOCARDITIS, ENDOCARDITIS ETC (In case of pain syndromes, arrhythmia, cardiovascular collapse)

Apply treatment to zone 1, the zones of the front surface of the neck and of the thorax – 3, 2, the internal surface of the arm – 4, 5, 6, and the heart area – 7 (Fig. 9.15).

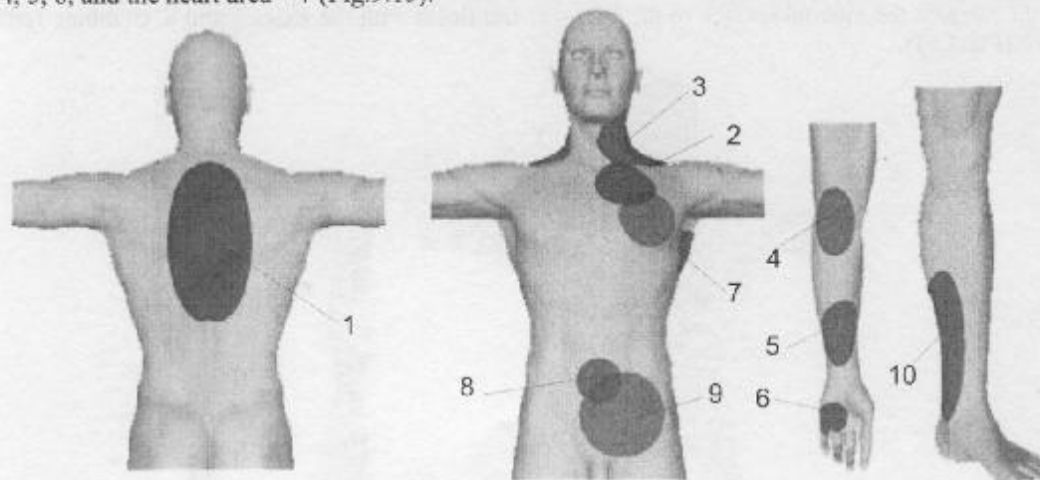


Fig. 9.15

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Combine and alternate with the zones of the front abdominal wall – 8, 9 (the area of the solar plexus and the bottom of the stomach) and shin – 10.

#### 9.5.2 IDIOPATHIC HYPERTENSIA AND HYPERTENSION STATES

Treat the following zones: the collar, near the backbone (interscapular space), the arms and shin, and the area of the humeral and ulnar joints 1, 2, 3, 4, 5, 6, 7, 8 (Fig.9.16), stomach – 9 (Fig.9.15).

#### 9.5.3 HYPOTONIA, HYPOTENSION

Treat the collar zone – 1, the zones in the area of the palm and forearm – 2, 3, 11, the front surface of the thorax – 4 and 5, the zone on the internal surface of the shin – 6, and finish with the zones 7 and 8. Combine further with zones 9 and 10 (Fig.9.17).

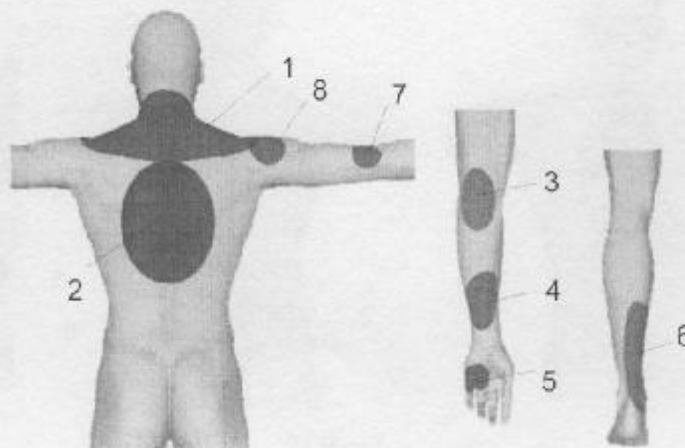


Fig. 9.16

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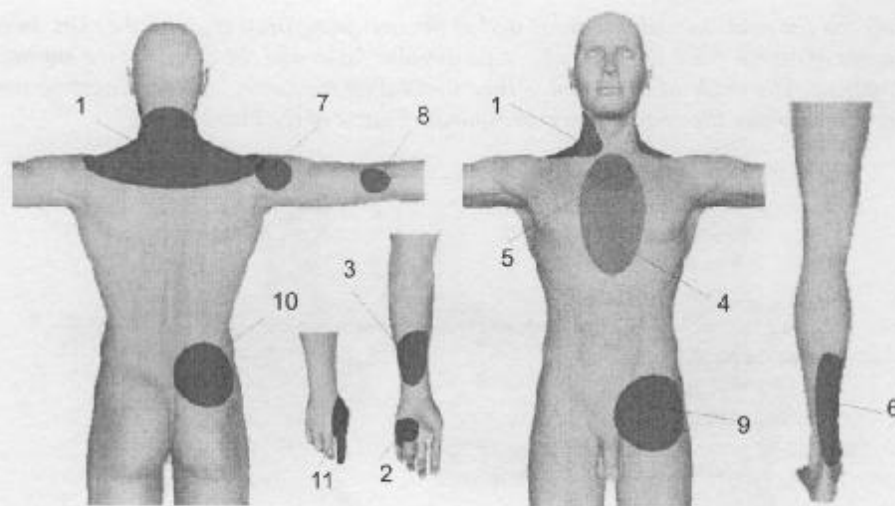


Fig. 9.17

#### 9.6 RESPIRATORY DISEASES

*These include the various catarrhal phenomena (inflammation of the mucous membrane, especially nose and throat), drainage function disorders of bronchus's, and heat and other changes of the general state of health during diseases of nasopharynx and the bronchi - pulmonary system.*

*If the condition is in the acute state, treat the rear surface zones of the thorax from the medial sideline towards the center and up from underneath, alternating the right and left sides according to the rules of work in SDM. Treat the revealed small asymmetry additionally, after having changed the influence mode. Use the modulated modes and change the damping. In order to downplay the sensations connected with intoxication and heat, treat the projection*

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of the large vessels (on the neck, in axillary areas and in the inguen (groin)) close to the skin. In case of a bronchospasm, at the moment of attack, treat the zone above the jugular fossa and the centre of the sternum until the spastic manifestation disappear. The mode of treatment is the "oscillating frequency" mode. Continue treatment according to the general patterns of zones specified in the corresponding parts of the instructions.

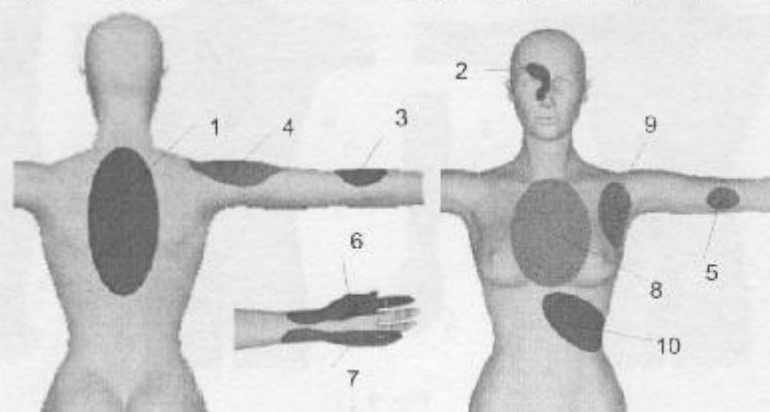


Fig. 9.18

#### 9.6.1 RESPIRATORY DISEASES (ARD, ARVI, INFLUENZA)

Treat the zones of the thorax's rear surface 1, near the backbone, the nose area, the brow area and neighboring areas of the face – 2, the forearm and the shoulder – zones 3 and 4. Then treat the zones of the internal surface of the forearm and hand – 5, 6 and 7. Finish with the treatment of the thorax's front surface zones – 8, 9, 10 (Fig.9.18). Change the influence mode and treat the newly revealed small asymmetrical zones.

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#### 9.6.2 BRONCHITIS, TRACHEITIS, PNEUMONIA

In case of clearly localized sensations in the patient (pain and other paresthesia), with confirmed auscultative and roentgenologic features (radiological signs) of the local centres, start the treatment according to the instructions for SDM above their projection and then on the symmetric thorax zones until small asymmetry and **secondary signs** are revealed.

Treat the revealed zones additionally, after having changed the mode of influence.

Apply treatment to zone 1 on the rear surface of the thorax and neck. Then continue with the zones 2, 3 and 4 – the front surface of the thorax, the zones 5, 6, 7, 8, and 9 – the top extremities with the prevalence of general symptoms and disorders of bronchus drainage functions (Fig. 9.19).

Change the influence mode and treat the newly revealed zones additionally.

In case of intoxication and expressed general symptoms treat the "three pathways" according to the instructions for IDM.

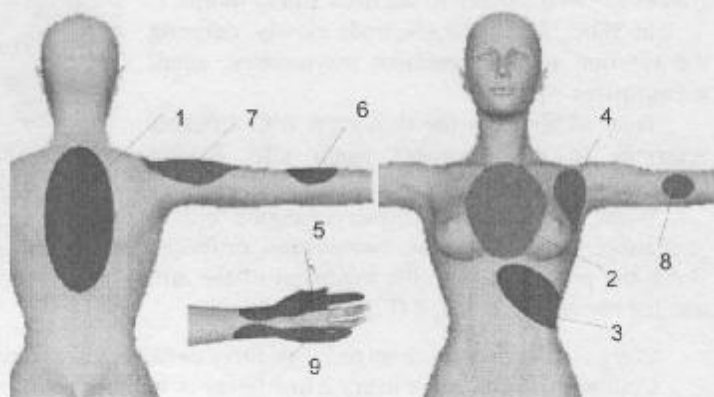


Fig. 9.19

#### 9.6.3 BRONCHIAL ASTHMA

At the highest peak, treat zone 1 in SDM in the "oscillating frequency" mode (FM) mode for 2 minutes. If this is not effective, treat the centre of sternum – zone 2 for 3 minutes until the phenomena cease (until a change in the form of respiration).

When there are no more attacks, treat the zones 3, 4, 5, 6, 7, 10, and 11; finish with the treatment of rear surface zones of the thorax – 8 and of the face – 9 (Fig.9.20). Alternate with the treatment of the thorax segments and upper extremity zones.

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## 9.7 SOME ENT DISEASES

### 9.7.1 TONSILLITIS

In case of an acute period of pain, treat the zones of frontal surface of the neck and of thorax 1, 2, 3 in SDM. Move the electrode slowly, defining the reaction to the treatment (asymmetry, small asymmetries – part 6).

Treat additionally the skin areas with different reactions to the treatment again after having changed the mode.

When the process is expressive (angina follicular, retropharyngeal abscess, intoxication, or fever), finish the procedure with the treatment of the arm and leg zones – 4, 5, 6, 7, 8 (Fig.9.21).

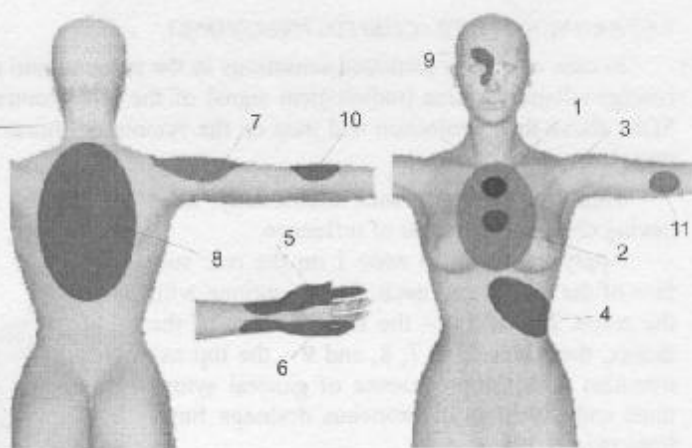


Fig. 9.20

Carry out the procedure up to the positive dynamics of the general state and sensations in the patient.

Continue the procedure every 2 to 3 hours or in the event of appearance of active current manifestations.

### 9.7.2 LARYNGITIS AND PHARYNGITIS

In case of an acute stage, treat in SDM and additionally, treat the revealed small asymmetry zones until the expressed positive changes of the state appear.

Treat the zones of the front surface of the thorax and neck – 1, 2 and 3, then zones of the rear surface of the neck – 4 and upper interscapular areas – 5.

Continue the treatment by combining or alternating the zones on the forearm, shins and ankles – 6, 7, 8, 9, 10 (Fig. 9.22).

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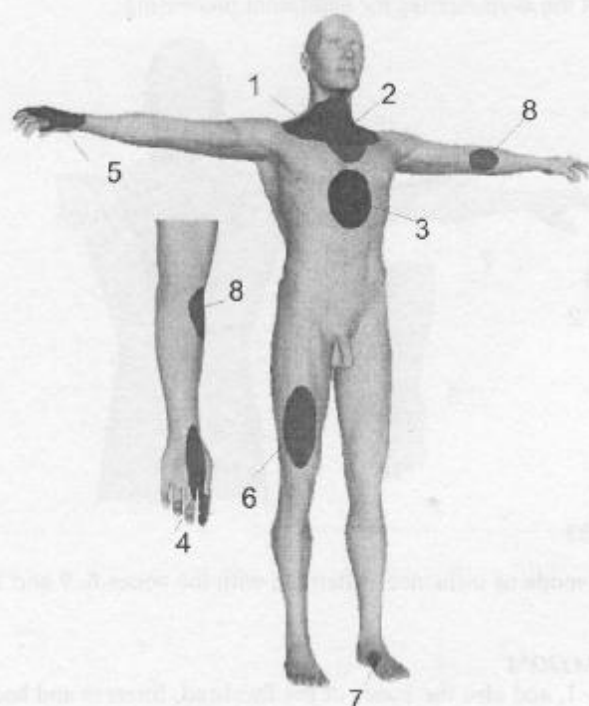


Fig. 9.21

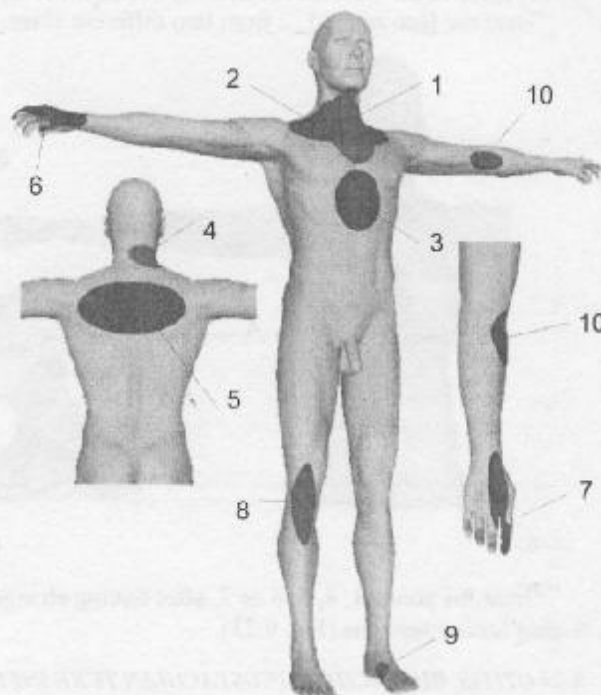


Fig. 9.22

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### 9.7.3 FRONTAL SINUSITIS, MAXILLARY SINUSITIS, ETHMOIDITIS

Treat the face zones 1, 2 from two different sides. Detect the asymmetries for additional processing.

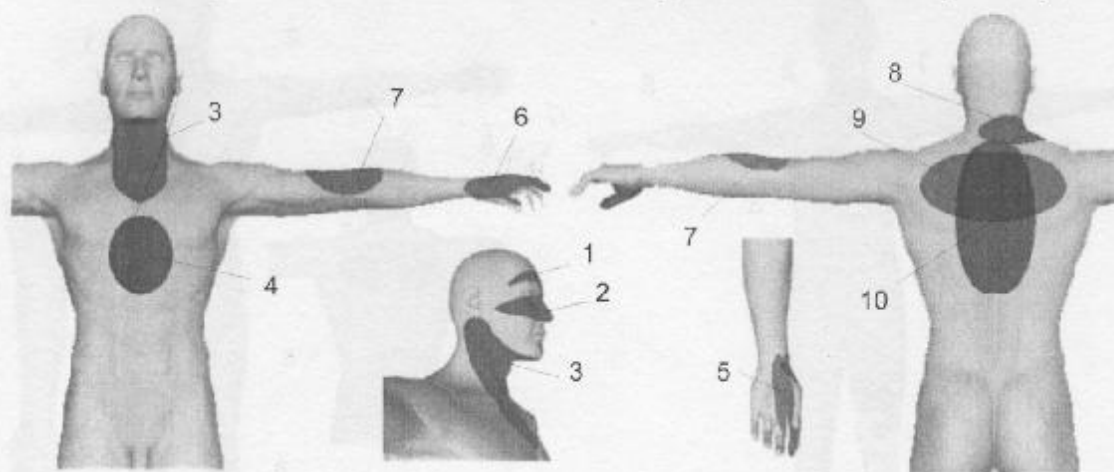


Fig.9.23

Treat the zones 3, 4, 5, 6 or 7, after having changed the mode of influence. Alternate with the zones 8, 9 and 10 during further sessions (Fig. 9.23).

### 9.7.4 OTITIS, EUSTACHITIS (EUSTACHIAN TUBE INFLAMMATION)

Treat the zone around the ear from two different sides – 1, and also the zones of the forehead, forearm and back – 2, 3, 4, 5, 6 (Fig.9.24).

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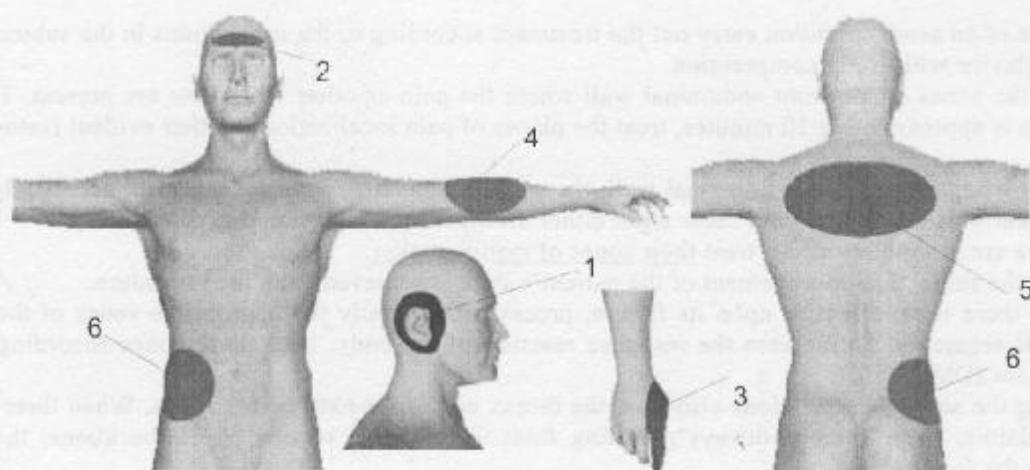


Fig. 9.24

When the pain intensity subsides, continue the treatment in the general zones for additional effect and to minimize and to alleviate the condition. Adjust the setting to a less intense mode.

### 9.8 GASTROINTESTINAL TRACT DISEASES AND FUNCTIONAL DISORDERS

*The treatment prescribed should start only after various active complaints such as localized pain, nausea, vomiting, eructation, heartburn, abdominal swelling, stool disorder and other manifestations as well as symptom/syndrome features of the digestive organs' specific disease that may be diagnosed by the medical specialist during the examination and before treatment.*

**Please note:** Apply treatment while lying or sitting comfortably (especially if there are calculous cholecystitis symptoms), the affected zones of the body being exposed beforehand.

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In case of an acute condition carry out the treatment according to the instructions in the subjective mode. Move the device with slight compression.

Treat the zones of the front abdominal wall where the pain or other sensations are present. The time of application is approximately 10 minutes, treat the places of pain localization or other evident features most of the time.

If, when treating the front abdominal wall, the small asymmetry signs are revealed, achieve dynamics of the signs (carry out treatment until these signs either disappear or display an opposite effect).

If there are **secondary signs**, treat their zones of manifestation.

When the subjective improvement of the patient's state is achieved, stop the procedure.

When there is no effect or upon its failure, process additionally the appropriate zones of the backbone and dermal segments. To increase the response reaction of the body, treat these zones according to the instructions for IDM.

During the subsequent sessions also treat the thorax and lower extremities zones. When there are no active complaints, treat "three pathways", starting from the thoracic section of the backbone, then treat "6 points" on the face in IDM.

#### 9.8.1 GASTRITIS, STOMACH AND DUODENAL ULCERS

Treat the zones 1, 2, 3, 4, then the zones 5 and 6 of the front surface of the thorax; then the zones 7, 8, 9, 10 (Fig. 9.25) having changed respectively the influence mode. Treat the zones as mentioned above.

#### 9.8.2 CHOLECYSTITIS, OTHER DISEASES OF THE GALL BLADDER AND BILE DUCTS, AND HEPATITIS

Treat the zones 1 and 2, then the zones 3, 4 and 5, treat the leg zones – 6 and 7 in addition. Alternate with the zone 8 on arms.

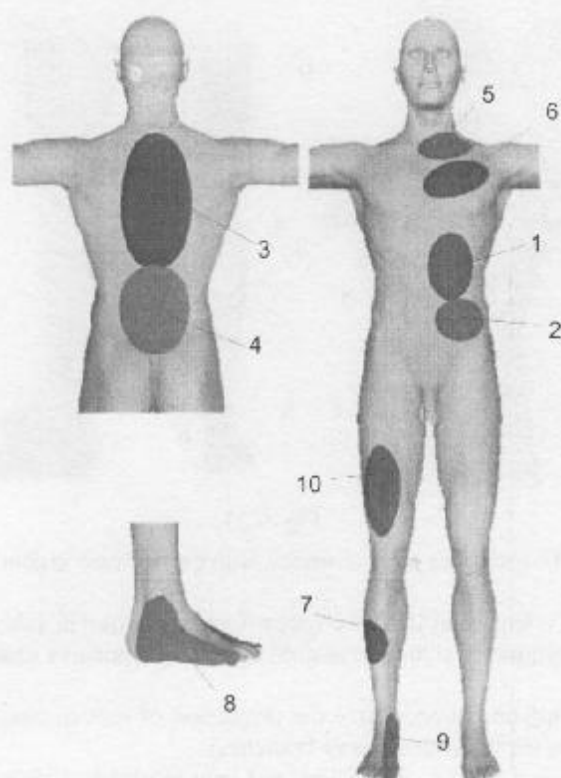


Fig. 9.25

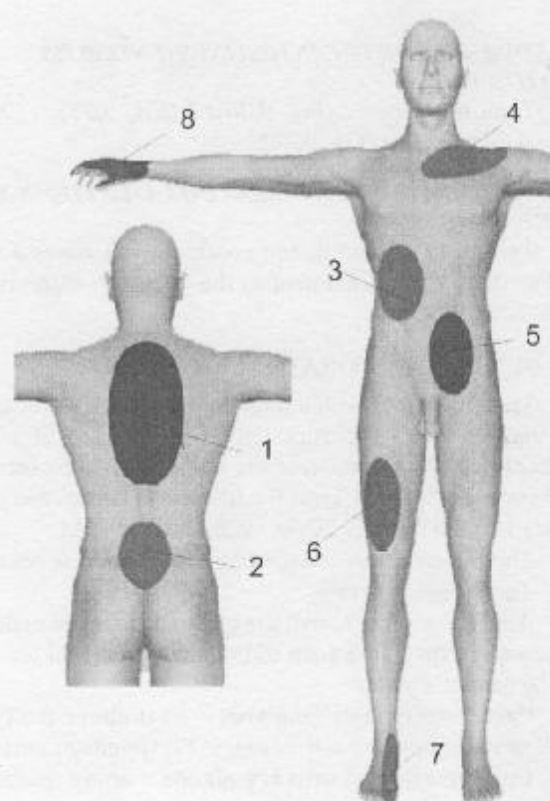


Fig. 9.26



### 9.8.3 DISEASES OF THE INTESTINES (ENTERITIS, COLITIS, ETC.)

Treat the zones 2 (Fig. 9.26), 4 (Fig. 9.25), 1, 2, 3, then 4, 5, 6, 7, 8, 9 (Fig. 9.27).

### 9.8.4 PANCREATITIS (PANCREAS INFLAMMATION) AND OTHER DISEASES

Treat zones 1 and 2, and continue with zones 3 and 4. Finish applying treatment to the zones on extremities 5, 6, 7 (Fig. 9.28).

### 9.9 DENTAL AND ORAL CAVITY DISEASES

Treat the zones with a direct projection from the center and its symmetric zones in SDM. In case of proof clinical manifestations, treat the collar zone – 5, sacrum and coccyx areas – 6. Treat the trigeminal nerve emergent zones 1, 2 and 3 (Fig. 9.29) in modulation or IDM.

The augmentation of oedema after treatment is possible (soft consistence without strain), with the decrease in pain.

#### Toothache, parulis.

Apply treatment above the place of pain and oedema and compare in IDM the zones from two different sides. If necessary, expand the zone of treatment to reveal the small asymmetry signs. Treat until achieving a positive change in the patient's state.

**Paradentosis and gingivitis** – treat above the place of inflammation, above the projection of root of teeth as well as the zones 1, 2 and 3 (Fig. 9.29) (points of emergence of the trigeminal nerve branches).

**Inflammation of salivary glands** – apply treatment above the place of swelling and pain in glands. Circle the neck zone 4 during treatment.

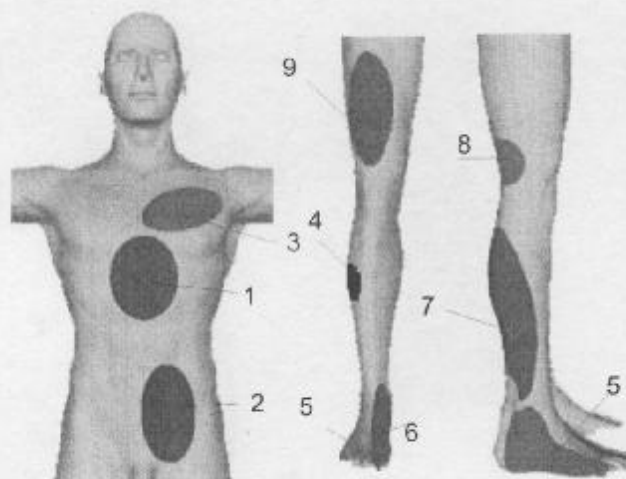


Fig. 9.27

**Glossitis** – treat the tip and root of the tongue, the collar zone – 5 and the zones of the trigeminal nerve 1, 2, 3 from two different sides in IDM.

### 9.10 URINARY TRACK AND KIDNEY DISEASES

In the case of an acute stage (with the localization of clear pain sensations), treat the area of the pain projection and its irradiation in SDM mode.

Use the oscillating frequency mode. Observe the general state of health and symptom dynamics.

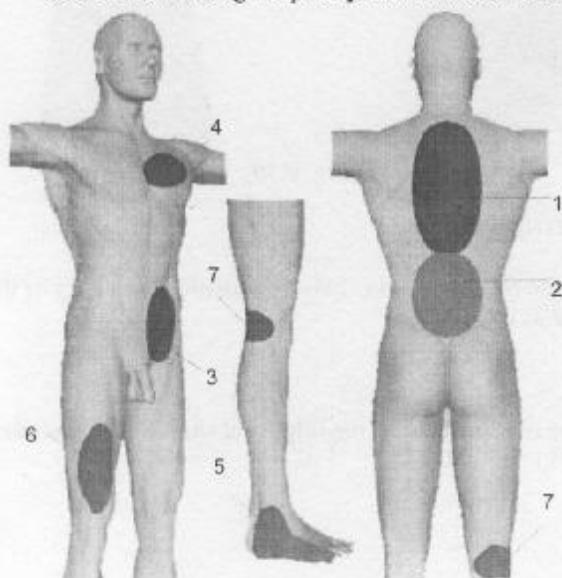


Fig. 9.28

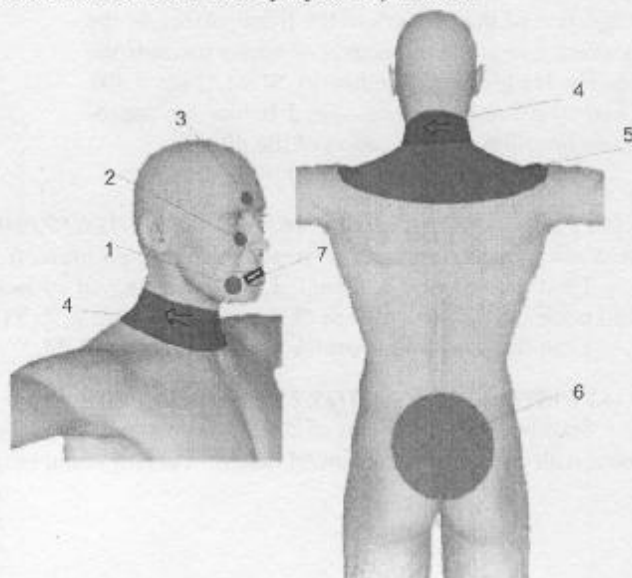


Fig. 9.29

In IDM treat the zones of the legs (Fig. 9.31), compare asymmetries from two different sides, choose a preferable side, determine the zones optimal for influence and treat them also.

When there are no clear pain manifestations, carry out the treatment along the course of the formation and excretion of urine, from the rear projection of the kidneys to the front surface of the stomach and along the course of ureter towards the urinary bladder and urethra in SDM (Fig. 9.30). Then treat the zones mentioned below for appropriate nosology-classification of the disease.

Choose the zones of optimal influence.

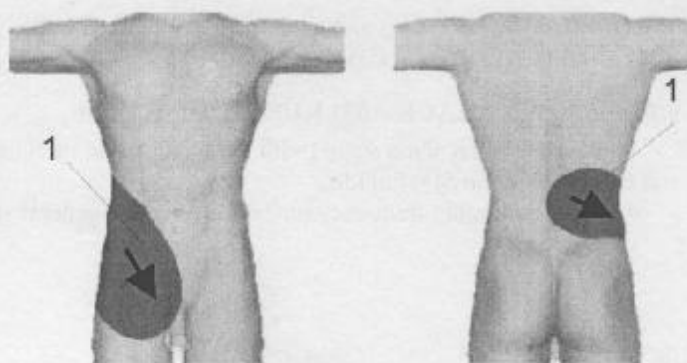


Fig. 9.30

#### **9.10.1 PYELONEPHRITIS, GLOMERULONEPHRITIS, NEPHROLITHIASIS (and other inflammatory diseases of kidneys and ureters)**

Treat zones 1 and 2, then 4, 3, 5 on the internal surface of the thigh and shin, finish by treating the zones of the backbone and the rear surface of the thigh and shin 6, 7, 5 (Fig.9.31).

Treat them in IDM, treat the optimal areas in SDM.

#### **9.10.2 CYSTITIS, PROSTATITIS, URETHRITIS, ETC**

Start with the treatment of zone 1, then zones 2 and 3 of the rear surfaces of the thigh and shin. Finish the treatment with zone 4 of lumbosacral department and femur (Fig.9.32).

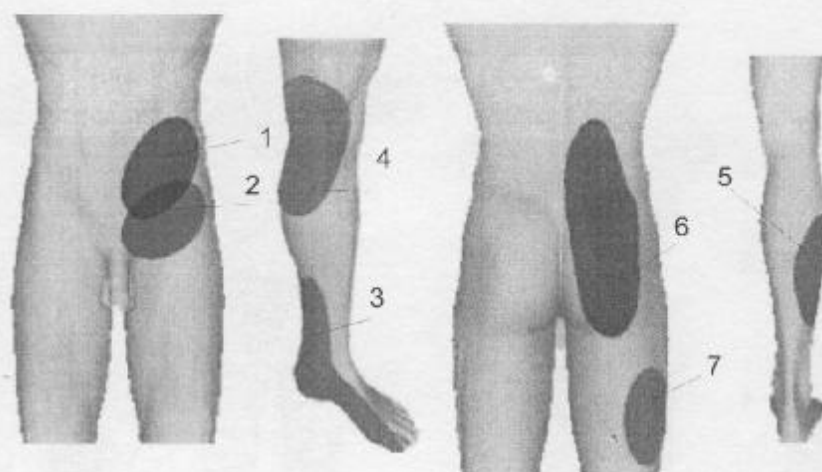


Fig. 9.31

### **9.11 GYNAECOLOGICAL DISEASES**

The basic zones for treatment are the direct projection of the uterus 1 and adnexa 2, 4 from two different sides. Additional zones 3 - 8 (Fig.9.33). Use various influence modes and their combinations.

#### **9.11.1 ADNEXITIS, ENDOMETRITIS AND EROSION OF THE UTERINE CERVIX (FRIGIDITY ETC.)**

In acute stage treat the zones of front 1, 2 and rear (posterior) projection 3, 4 (Fig.9.33) in SDM. Treat the small asymmetry zones in IDM and reveal areas for additional influence.



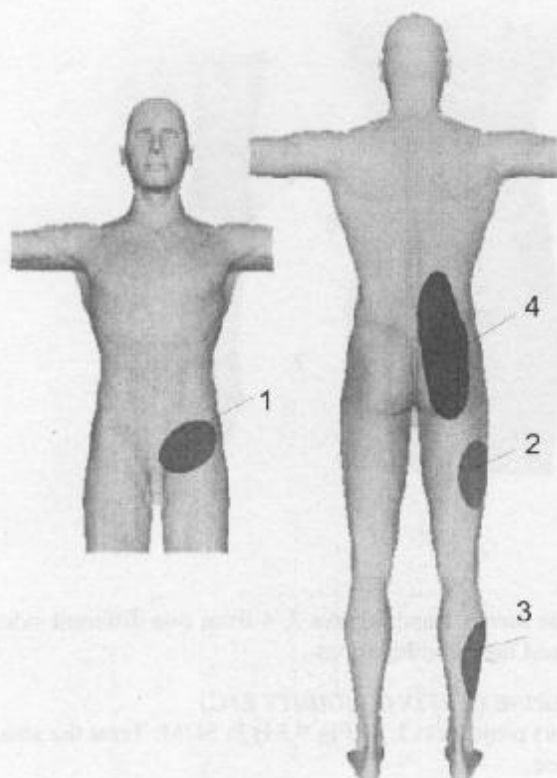


Fig. 9.32

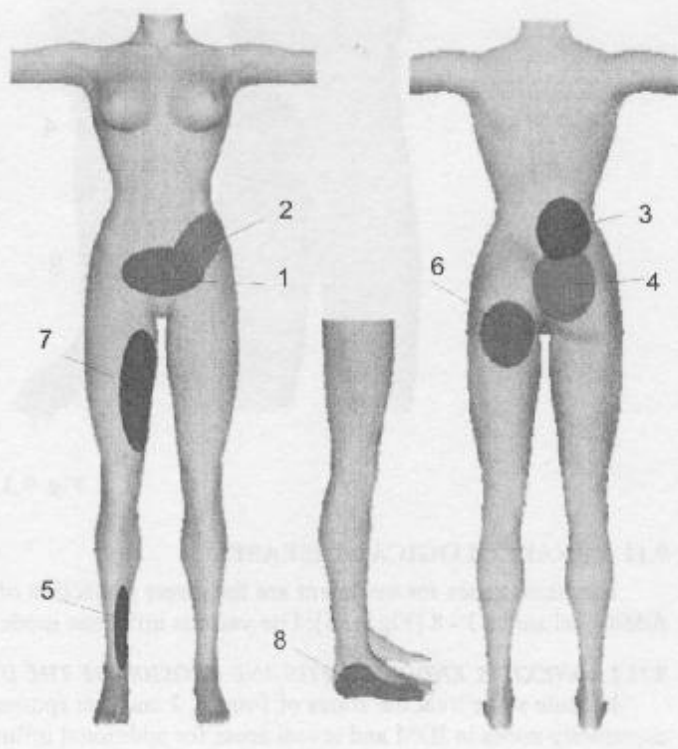


Fig. 9.33

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#### **9.11.2 PAINFUL MENSES AND MENSTRUAL CYCLE IRREGULARITY**

Treat zones 1, 2, the zones of the legs and arms 3, 4, 5 and 6 (Fig. 9.33). Select small asymmetry zones. Combine influence modes and individualize them for patients.

#### **9.11.3 TOXICOSIS AND VOMITING DURING PREGNANCY**

Start treatment upon the zones of the extremities 1, 2, 3, 4, then front surface zones of the stomach – 5 and 6. Treat the six points on the face – 9, 8, and 7. Finish the treatment on zones 10, 11, 12 (Fig. 9.34).

*In other specific cases use literature from the conferences and trainings on Scenar-therapy and Scenar-expertise.*

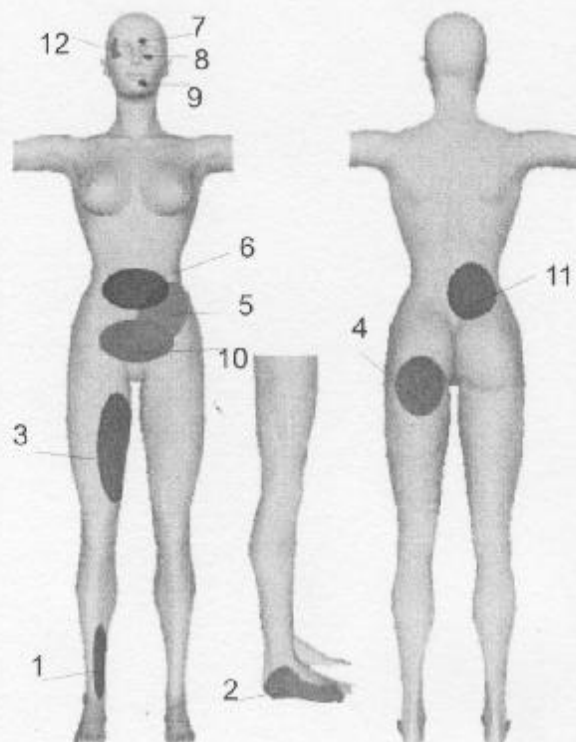


Fig. 9.34

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