Encyclopedia of cryotherapy



All applications are only recommendations and should be based on specific needed range of professional treatment and it is important to be careful during the treatment by local cryotherapy to avoid burning the patient !!!

1	achilles tendonitis – analgesia	4
2	achilles tendonitis – biostimulation	5
3	acne – biostimulation	6
4	analgesia	7
5	arthrosis – analgesia	8
6	arthrosis – biostimulation	9
7	arthrosis of joints of the hand – analgesia	10
8	arthrosis of joints of the hand – biostimulation	11
9	arthrosis of hip joint – analgesia	12
10	arthrosis of hip joint – biostimulation	13
11	painful shoulder – analgesia	14
12	painful shoulder – biostimulation	15
13	bursitis – analgesia	16
14	bursitis – biostimulation	17
15	cervicalgia / neck pain – analgesia	18
16	cervicalgia / neck pain – biostimulation	19
17	distortion – analgesia	20
18	distortion – biostimulation	21
19	ankle distortion – analgesia	22
20	ankle distortion – biostimulation	23
21	knee joint distortion – analgesia	24
22	knee joint distortion – biostimulation	25
23	dorsalgia – analgesia	26
24	dorsalgia – biostimulation	27
25	epicondylitis – analgesia	28
26	epicondylitis – biostimulation	29
27	knee joint arthrosis – analgesia	30
28	knee joint arthrosis – biostimulation	31
29	DO NOT APPLY herpes labialis / cold sores	32
30	scar chronic – biostimulation	33
31	impingement syndrom / frozen shoulder – analgesia	34
32	impingement syndrom / frozen shoulder – biostimulation	35
33	lumbosacral pain – analgesia	36
34	lumbosacral pain – biostimulation	37
35	nerve regeneration – analgesia	38
36	nerve regeneration – biostimulation	39
37	facial nerve paresis – analgesia	40
38	facial nerve paresis – biostimulation	41

39	onychomycosis / nail fungus	42
40	osgood-schlatter syndrome – analgesia	43
41	osgood-schlatter syndrome – biostimulation	44
42	open wound – biostimulation	45
43	patellar tendinopathy – analgesia	46
44	patellar tendinopathy – biostimulation	47
45	plantar fasciitis / heel spur – analgesia	48
46	plantar fasciitis / heel spur – biostimulation	49
47	scar subacute – biostimulation	50
48	muscle relaxation / trigger points – analgesia	51
49	muscle relaxation / trigger points – biostimulation	52
50	muscle strain – analgesia	53
51	muscle strain – biostimulation	54
52	carpal tunnel syndrome – analgesia	55
53	carpal tunnel syndrome – biostimulation	56
54	anterior tibial syndrome – analgesia	57
55	anterior tibial syndrome – biostimulation	58
56	tarsal tunnel syndrome – analgesia	59
57	tarsal tunnel syndrome – biostimulation	60
58	tendinopathy – analgesia	61
59	tendinopathy – biostimulation	62
60	tendovaginitis – analgesia	63
61	tendovaginitis – biostimulation	64

Recommendation 1: Recommended distance of nozzle is a distance of nozzle from the treated area of the body surface of the patient, see the manual of the device /always 100-130mm/.

Recommendation 2: avoid treating areas with open wounds on the surface of the body, only after consultation or under supervision of a physician.

Recommendation 3: In cases where the patient is suffering from severe pain and where it is clear that the type of injury or pain is clearly diagnosed, local cryotherapy may be repeated even several times a day, even in combination with ice and other treatment procedures and medication as recommended by the physician. Recommendation 4: The encyclopedia was written to provide closer view of treatment options with anatomical insight, it is not an exact guide how to apply cryotherapy. Here it is necessary to proceed with other factors affecting each individual treatment.

For correct application, you need to come up with a manual of the device and professional practice supported by education in specialized courses and seminars.

Note: The therapist focuses during cryotherapy mainly on muscle tissue, that is located in the affected area and shortly on local cryotherapy in the area of small or large joints.

Recommendation: communicate with the treated person during cryotherapy, so the patient can continuously share his current condition with you and you can interrupt the treatment in case of unpleasant feelings of ,,BURNING" or reduce the intensity of cold, see the manual of the device.

Secure and customize the local cryotherapy treatment, so that the patient can not inhale gas or its condensate during therapy! /MANUAL OF THE DEVICE/.

1 ACHILLES TENDONITIS - ANALGESIA

Therapy parameters: Reduction of pain

Recommended power: set degree 2 or 2 with pulsation on the local cryotherapy device

Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance of	<i>nozzle:</i> 100 – 120 mm
Therapy procedure	Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds without any movement. This type of application procedure is strictly non-thermal, patient should have no sensation of intensive cold - burning during the treatment. Eventually repeat the whole application procedure. ~In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



2 ACHILLES TENDONITIS - BIOSTIMULATION

Therapy parameters:

Recommended power: set degree 2 or 2 with pulsation on the local cryotherapy device

Length of application	1-2 minutes		
Frequency of sessions	2 - 5 a week		
Number of sessions	4 - 8		
Recommended distance	of nozzle 100 - 120 mm		
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. During the whole procedure the patient should feel pleasant cold of the skin in the application area and warming-up after application. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.		
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily		
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation		

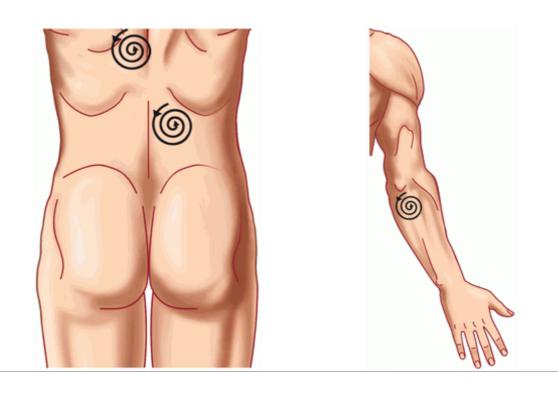


3 ACNE - BIOSTIMULATI ON

Recommended power:	set degree 1-2 or 2 with pulsation
Length of application	1-2minutes
Frequency of sessions	daily
Number of sessions	2
Recommended distance	110-130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application.
Note	Feeling of unpleasant burning from cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily. In case of facial treatment, make sure the patient does not inhale released nitrogen.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (2019)

4 ANALGESIA

Therapy parameters:	Reduction of pain
Recommended power	set degree 2-3 or 2 with pulsation
Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	4 - 8
Recommended distance of	100 -120 mm keep the minimum recommended distance
Therapy procedure	Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This part of application procedure is strictly non-thermal, patient should have no sensation of intensive cold - burning during the treatment. Eventually repeat the whole application procedure.
Note	Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations before the treatment. Beware of lower sensitivity in this area.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



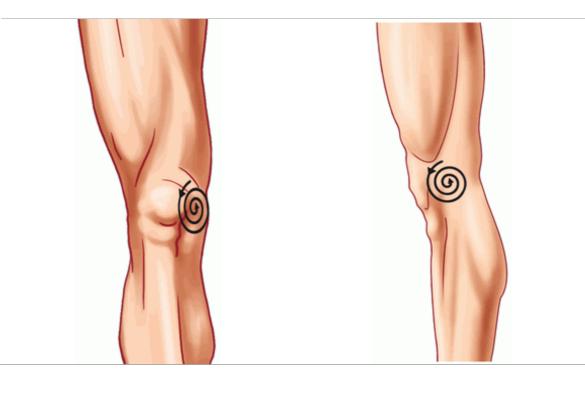
5 ARTHROSIS - ANALGE SIA

Therapy parameters: Reduction of pain

Recommended power: on the device, set degree 2-3

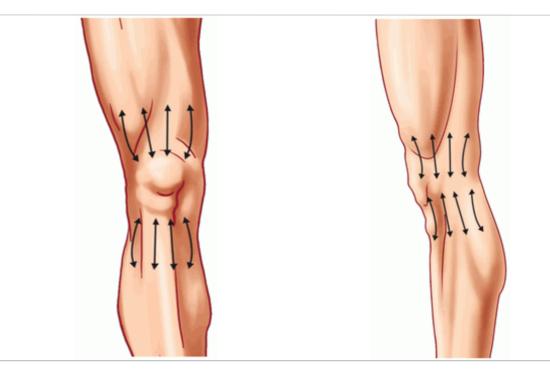
Recommended dosage

Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance of	<i>nozzle</i> 100 -120 mm
Therapy procedure	Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This part of application procedure is strictly non-thermal, patient should have no sensation of intensive burning or cold during the treatment. Eventually repeat the whole application procedure. ~In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times in case of severe painfu sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



6 ARTHROSIS - BIOSTIMULATION

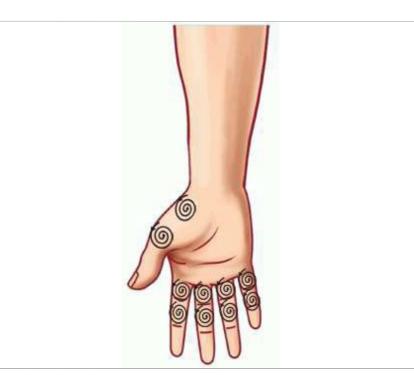
Length of application	2 – 4 minutes	
Recommended power: on a	the device,	
intensity 2 -3		
Frequency of sessions	2 - 5 a week	
Number of sessions	5–10 and	
more		
Recommended distance of	<i>nozzle</i> 100 -120 mm	
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.	
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.	
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation	



7 ARTHROSIS OFJOINTS OF THE HAND-ANALGESIA

Program	arthrosis of joints of the hand - analgesia
Therapy parameters:	
Recommended power	on the device, set degree 1-2 or 2 with pulsation

Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance trysk	y 100-120 mm
Therapy procedure	Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of intensive cold burning during the treatment. Eventually repeat the whole application procedure. ~In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times in case of severe painfu sensations after the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1898)



THERAPEUTIC ENCYCLOPEDIA| PAGE 10 OF 64

8 ARTHROSIS OF JOINTS OF THE HAND - BIOSTIM ULATION

P	roc	ıra	m
		ıı a	

	arthrosis of joints of the hand - biostimulation
Therapy parameters:	
Recommended power	on the device, set degree 1-2 or 2 with pulsation

Length of application	2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	100-120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied several times a day.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1899)



9 ARTHROSIS OF HIP JOINT - ANALGESIA

Program	
---------	--

arthrosis of hip joint - analgesia

Therapy parameters:

Recommended power	set degree of intensity 2-3	
-------------------	-----------------------------	--

Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	5 - 10
Recommended distance	100-120 mm
Therapy procedure	Start the treatment in the distance of about 7-10 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



10 ARTHROSIS OF HIP JOINT - BIO STIMULATION

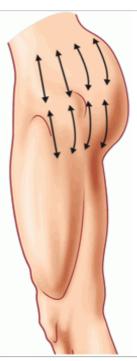
Program

arthrosis of hip joint - biostimulation

Therapy parameters:	
---------------------	--

Recommended power set degree of intensity 2-3

Length of application	2 – 4 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	5 - 10
Recommended distance	100 -120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. During the whole procedure patient should have no sensation of extreme cold - burning of skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning from cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

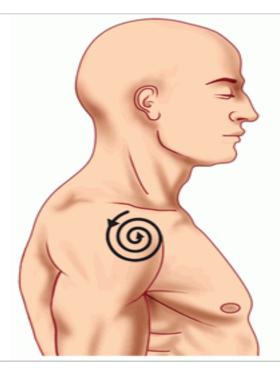


THERAPEUTIC ENCYCLOPEDIA | PAGE 13 OF 64

11 PAINFUL SHOULDER - ANALGESI A

Program	painful shoulder - analgesia
Therapy parameters:	
Recommended power	set degree 2-3

Length of application	1 - 3 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	100 -120 mm
Therapy procedure	Start the treatment in the distance of about 5 - 10 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



12 PAINFUL SHOULDER - BIOSTIMULATION

Program	painful shoulder - biostimulation
Therapy parameters:	
Recommended power	set degree of intensity 2-3
Length of application	2 – 4 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	100-120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. During the whole procedure the patient should feel pleasant cooling of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1877)

13 BURSITIS - ANALGESIA

Program

bursitis - analgesia

Therapy parameters:

Recommended power: set degree 2-3

Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	100-120 mm
Therapy procedure	Start the treatment in the distance of about5 - 10 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This part of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

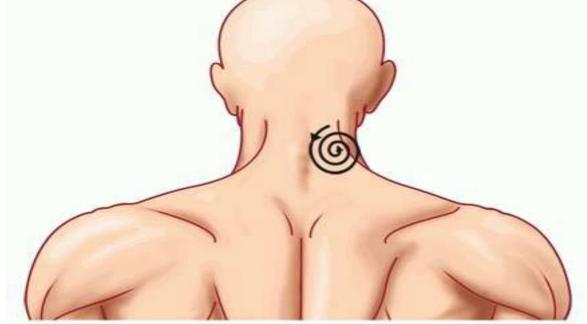
14 BURSITIS - BIOSTIMULATION

Program	bursitis - biostimulation
Therapy parameters:	
Recommended power	set degree of intensity 2-3
Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	110 - 130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

15 CERVICALGI - ANALGESIA A/NECKPAIN cervicalgia - analgesia

Therapy parameters:

Recommended power	on the device, set degree 1-2 or 2 with pulsation
Recommended dosage	
Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	100-120 mm
Therapy procedure	Start the treatment in the distance of about 5 - 7 cm from the point of greatest
	pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



16 CERVICALGIA/NECK PAIN - BIOSTIMULATION

Program	anniaglaig hightimulation
Therapy parameters:	cervicalgia - biostimulation
Recommended power	on the device, set degree 1-2 or 2 with pulsation
Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance of no	ozzle 100 -120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold - burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

17 DISTORTION - ANALGESIA

Program	distortion - analgesia	a
Therapy parameters:		
Recommended power	set the degree 2 or 2 with	pulsation
Length of application	2 minutes	
Frequency of sessions	2 - 5 times a week	
Number of sessions	5 - 10	
Recommended distance of no.	zzle 100-130 mm	
	pain. Slowly aproximate to th (see attached picture). Finall it for about 2 - 3 seconds. Th o sensation of extreme cold or	tance of about 5 - 7 cm from the point of greatest ne painful spot using continuous circular movement ly when you reach the spot of the pain, remain above nis type of application procedure is strictly non- burning during the treatment. Eventually repeat the litions continue with the relevant clinical protocol for
Note	Whole application procedure painful sensations.	e can be repeated 1 - 2 times in case of severe
Contraindications		e~Application above endocrine ~Tumorous diseases~Febrile

18 DISTORTION - BIOSTIMULATION

Program	distortion - biostimulation
Therapy parameters:	
	an tha darian ant danna d. O an O with mulastica
Recommended power	on the device, set degree 1-2 or 2 with pulsation
Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	5 - 10
Recommended distance of no	ozzle 100 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

19 ANKLE DISTORTION -

ANALGESIA

Program	
-	ankle distortion - analgesia
Therapy parameters:	
Recommended power	set degree 2-3
Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6

Recommended distance100 mmTherapy procedureStart the treatment in the distance of about 5 - 7 cm from the point of greatestpain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally
when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is

when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note

Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations before the treatment. Ask the patient about his feelings during cryotherapy!!!

Contraindications

Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1880)



20 ANKLE DISTORTION - BIOSTIMUL ATION

Program	ankle distortion - biostimulation
Therapy parameters:	
Recommended power	set degree of intensity 2-3
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance of	f <i>nozzle</i> 100-120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold - burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

21 KNEE JOINT DISTORTION -

Program	<pre>cnee joint distortion - analgesia</pre>
Therapy parameters:	
Recommended power	set degree 2-3
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	e 100-120 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note

Ask the patient about possible feelings of burning from cold during cryotherapy.

Contraindications

Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1878)



22 KNEE JOINT DISTORTION - BIOS TIMULATION

Program knee joint distor	ion - biostimulation
Therapy parameters:	
Recommended power	set degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 -3 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 – 8
Recommended distance of no	zz/e 100-120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily. Always treat parts with less muscle within shorter interval.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

23 DORSALGI - ANALGESIA

Program	dorsalgia - analgesia	
Therapy parameters:		
Recommended power	intensity 2-3	
Length of application	2 - 4 minutes	
Length of application Frequency of sessions	2 - 4 minutes 2 - 5 times a week	

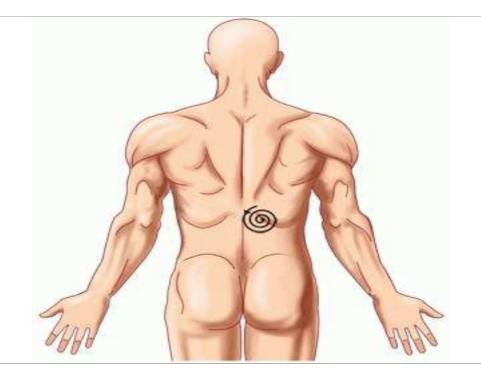
Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note

Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations before the treatment.

Contraindications

Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



24 DORSALGI - BIOSTIMULATION

Program	

dorsalgia - biostimulation therapeutic

Therapy parameters:

Recommended power

Length of application	2 - 3 minutes
Frequency of session	ns 2 - 5 a week
Number of sessions	4 - 8
Recommended dista	nce of nozzle 100 -120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol. Warning, reduced sensitivity in back area.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

25 EPICONDYLITIS - ANALGESIA

epicondylitis – analgesia relief from pain

Therapy parameters:

Program

Recommended power set degree 2 or 2 with pulsation on the local cryotherapy device

Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance of	nozzle 100 -120 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations after the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1882)



26 EPICONDYLITIS - BIOSTIMULATI ON

Program	epicondylitis – biostimulation therapeutic
Therapy parameters:	
Recommended power	set degree 2 or 2 with pulsation on the local cryotherapy device

Length of application	2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance of	<i>nozzle</i> 100 - 120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1883)



27 KNEE JOINT ARTHROSIS - ANALGESIA

Program	knee joint arthrosis – analgesia relief from pain
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation

Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	100-120 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations. Treatment of areas with muscle mass.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1900)

28 KNEE JOINT ARTHROSIS - BIOSTIMULATION

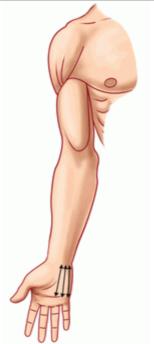
Program	knee joint arthrosis – biostimulation therapeutic
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation

Length of application	2 – 3 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	100 -130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1901)

THERAPEUTIC ENCYCLOPEDIA | PAGE 32 OF 64

SCAR CHRONIC - BIOSTIMULATION

Program	scar chronic – biostimulation therapeutic
Therapy parameters:	
Recommended power	on the device, set degree 1-2 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	every 2 - 3 days
Number of sessions	5
Recommended distance	100 -120 mm ideal range of cold with temperatures -130 až -115°C
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



IMPINGEMENT SYNDROM / FROZEN SHOULD

- ANALGESIA

Program	impingement syndrom / frozen shoulder – analgesia /relief from pain/
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	6 - 10
Recommended distance	100 -130 mm ideal range of cold with temperatures -130 až -110°C

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

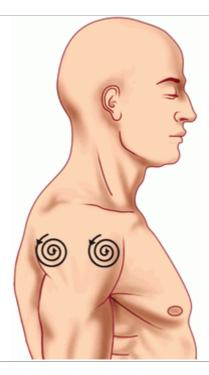
Note

ER

Whole application procedure can be repeated 1 - 2 times daily in case of severe painful sensations.

Contraindications

Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



IMPINGEMENT SYNDROM / FROZEN SHOULD ER

- BIOSTIMULATION

Program

impingement syndrom / frozen shoulder - biostimulation /healing/

Therapy parameters:

Recommended power: degree 2 or 2 with pulsation

Length of application	2 - 4 minutes
Frequency of sessions	5 a week
Number of sessions	6 - 10
Recommended distance:	100-120mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

33 LUMBOSACRAL PAIN -

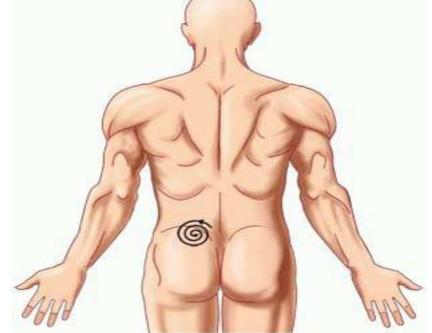
Program	lumbosacral pain - analgesia
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance of r	nozzle 100 – 130 mm

Α

ANALGESI

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times daily in case of severe painful sensations. Area with decreased receptor sensitivity.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1896)

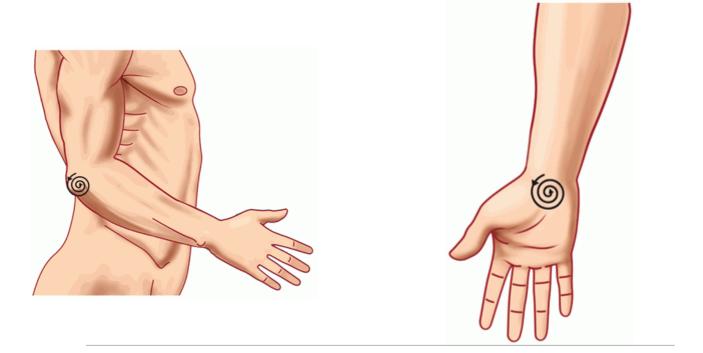


34 LUMBOSACRAL PAIN - BIOSTIMULATION

Program	lumbosacral pain - biostimulation
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 – 5 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	100-130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning from cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily. Communicate with the client about his feelings of cold during application.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation
Jan	

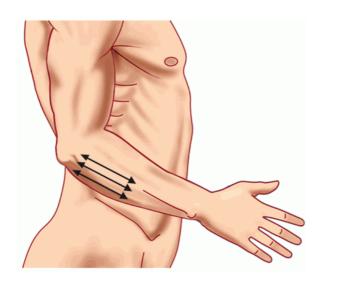
35 NERVEREGENERATION - ANALGESI A

Program	nerve regeneration - analgesia
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	10 - 15
Recommended distance of nozzle	100 – 110 mm
Therapy procedure	Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times during the day in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



36 NERVEREGENERATION - BIOSTIMULATION

Program	nerve regeneration - biostimulation
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 – 3 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	10 - 15
Recommended distance	100-120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (2001)



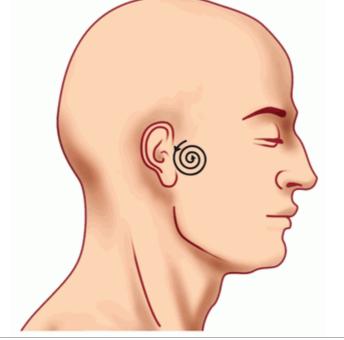


37 FACIAL NERVE PARESIS - ANALGESIA

Program	
	facial nerve paresis - analgesia
Therapy parameters:	
Recommended power	degree 1-2 or 2 with pulsation
Recommended dosage	
Length of application	1-2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	10 - 15
Recommended distance of	<i>nozzle</i> 110 - 130 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation". Keep the cold vapor flow so the client cannot breathe it in!

Note	Whole application procedure can be repeated 1 - 2 times daily in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



38 FACIAL NERVE PARESIS - BIOSTIMULATION

Program	
	facial nerve paresis - biostimulation
Therapy parameters:	
Recommended power	intensity 1 or 2 with pulsation in the acute phase, degree 2 in chronic phase
Recommended dosage	
Length of application	1-2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	10 - 15
Recommended distance of	f nozzle 100-130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold burning must be avoided! Keep the cold vapor flow so the client cannot breathe it in! For maximum biostimulative and anti- inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



THERAPEUTIC ENCYCLOPEDIA | PAGE 42 OF 64

40 OSGOOD-SCHLATTER SYNDROM E -ANALGESIA

-	
-	'roaram

osgood-schlatter syndrome - analgesia

Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	100 – 130 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times daily in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine
	glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation
	(1906)



41 OSGOOD-SCHLATTER SYNDROM E-BIOSTIMULATION

Program	osgood-schlatter syndrome - biostimulation
Therapy parameters:	
Recommended power	degree 2
Recommended dosage	
Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	100 - 120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning from cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1907)

42 OPEN WOUND - BIOSTIMULATION

Program	
	open wound - biostimulation
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	1-2minutes
Frequency of sessions	daily
Number of sessions	10 - 15
Recommended distance	120 mm
Therapy procedure Do not apply in any case-	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the arae of scar and close surroundings with dynamic application (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. do not enter with application to the wound, only surroundings of the wound!!! Consult with a doctor!
Note	Feeling of unpleasant burning from cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

m

43 PATELLAR TENDINOPATHY - ANALGESIA

Program	
	patellar tendinopathy - analgesia
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	110 – 130 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1904)



44 PATELLAR TENDINOPATHY - BIOSTIMULATION

patellar tendinopathy - biostimulation

Recommended power set de

set degree 2-3 or 2 with pulsatior	7
------------------------------------	---

Length of application	2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance oc	<i>trysky</i> 100 - 130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning from cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

45 PLANTAR FASCIITIS/HEEL SPUR -ANAL GESIA

Program	plantar fasciitis / heel spur - analgesia
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation

Length of application	1-2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	3 - 6
Recommended distance	100 -130 mm
Therapy procedure	Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".
Note	Whole application procedure can be repeated 1 - 2 times daily in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



46 PLANTAR FASCIITIS/HEEL SPUR -BIOST IMULATION

Program	
	plantar fasciitis / heel spur - biostimulation
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	1 - 2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance of	of nozzle 100 -130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning from cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



47 SCAR SUBACUTE - BIOSTIMULATI ON

Program	scar subacute - biostimulation
Therapy parameters:	
Recommended power	degree 1-2 or 2 with pulsation
Recommended dosage	
	2 minutos
Length of application	2 minutes
Frequency of sessions	daily
Number of sessions	10 - 15
Recommended distance of n	ozzle 100 -110 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application.
Note	Feeling of unpleasant extreme cold must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

48 MUSCLE RELAXATION /TRIGGER POINT S-ANALGESIA

Program

muscle relaxation / trigger points - analgesia

Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 - 4 minutes
Frequency of sessions	2 - 3 times a week
Number of sessions	5
Recommended distance	100-120 mm

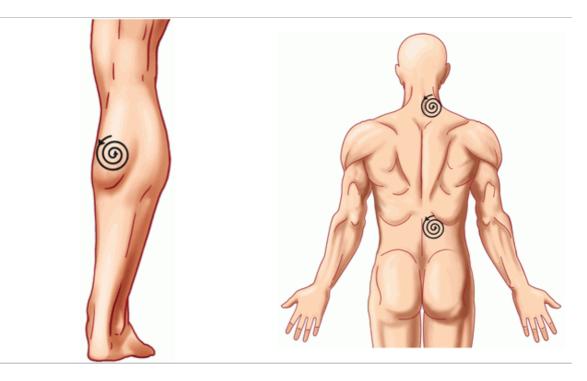
Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note

Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations before the treatment.

Contraindications

Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

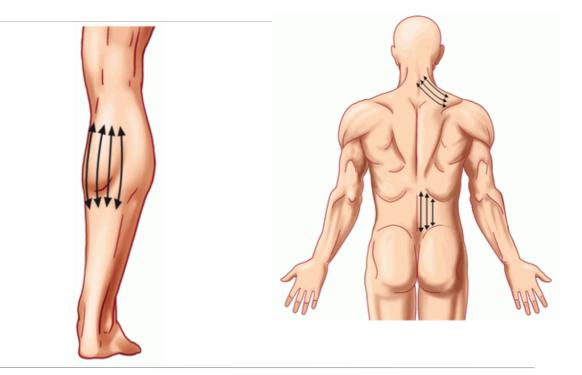


49 MUSCLE RELAXATION /TRIGGER POINT S-BIOSTIMULATION

Program

Therapy parameters:	
Recommended power	degree 1-2 or 2 with pulsation
Length of application	2 - 3 minutes
Frequency of sessions	2 - 3 times a week
Number of sessions	5 and more
Recommended distance of	f <i>nozzle</i> 100 -110 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

muscle relaxation / trigger points - biostimulation



50 MUSCLESTRAIN - ANALGESIA

Program	
	muscle strain - analgesia
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 – 6 and more
Recommended distance of	<i>f nozzle</i> 100 – 120 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Whole application procedure can be repeated 1 - 2 times daily in case of severe painful sensations after the treatment.

Contraindications

Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1874)



51 MUSCLE STRAIN - BIOSTIMULATION

Program	
	muscle strain - biostimulation
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 - 4 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	100 -130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant cold of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Succesively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



THERAPEUTIC ENCYCLOPEDIA| PAGE 54 OF 64

52 CARPAL TUNNEL SYNDROME - ANALGESIA

Program	
	carpal tunnel syndrome - analgesia
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 9
Recommended distance	110 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of burning from during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".



Contraindications

Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations before the treatment.

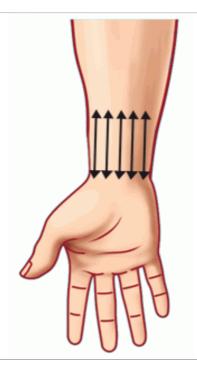
Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (1888)



THERAPEUTIC ENCYCLOPEDIA| PAGE 55 OF 64

53 CARPAL TUNNEL SYNDROME - BI OSTIMULATION

Program	
	carpal tunnel syndrome - biostimulation
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 minuty
Frequency of sessions	2 - 5 a week
Number of sessions	4 – 8
Recommended distance	100 -120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



54 ANTERIOR TIBIAL SYNDROME - ANALGESIA

Program	
	anterior tibial syndrome - analgesia
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	100 – 130 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations after the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



THERAPEUTIC ENCYCLOPEDIA | PAGE 57 OF 64

55 ANTERIOR TIBIAL SYNDROME -BIOSTIMULATION

Program	anterior tibial syndrome - biostimulation
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	110 -130 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



56 TARSAL TUNNEL SYNDROME - ANALGESIA

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note

Program

Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations before the treatment.

Contraindications

Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



57 TARSAL TUNNEL SYNDROME - BI OSTIMULATION

Program	tarsal tunnel syndrome - biostimulation
Therapy parameters:	
Recommended power	degree 1-2 or 2 with pulsation
Recommended dosage	
Length of application	2 -3 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance of I	<i>nozzle</i> 100 – 120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

58 TENDINOPATHY - ANALGESIA

Program	tendinopathy - analgesia
Therapy parameters:	
Recommended power	set degree 2-3 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	3 - 6
Recommended distance	100 - 130 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times daily in case of severe painful sensations before the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation



59 TENDINOPATHY - BIOSTIMULATION

Program	tendinopathy - biostimulation
Therapy parameters:	·····
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 a week
Number of sessions	4 - 8
Recommended distance	100 - 120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant cold or burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

60 TENDOVAGINITIS - ANALGESIA

Program	tendovaginitis - analgesia
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	4 - 8
Recommended distance	100-120 mm

Therapy procedure Start the treatment in the distance of about 5 - 7 cm from the point of greatest pain. Slowly aproximate to the painful spot using continuous circular movement (see attached picture). Finally when you reach the spot of the pain, remain above it for about 2 - 3 seconds. This type of application procedure is strictly non-thermal, patient should have no sensation of extreme cold or burning during the treatment. Eventually repeat the whole application procedure. ~ In subacute and chronic conditions continue with the relevant clinical protocol for "biostimulation".

Note	Whole application procedure can be repeated 1 - 2 times in case of severe painful sensations after the treatment.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation (2010)



61 TENDOVAGINITIS - BIOSTIMULATI ON

Program	
	tendovaginitis - biostimulation
Therapy parameters:	
Recommended power	degree 2 or 2 with pulsation
Recommended dosage	
Length of application	2 - 3 minutes
Frequency of sessions	2 - 5 times a week
Number of sessions	4 - 8
Recommended distance	100-120 mm
Therapy procedure	In this part of the treatment, protocol only the area of the pathology and close surroundings is treated. After the whole procedure the patient should feel pleasant warming-up of the skin in the application area. ~Treat the whole pathologic area and its surroundings using continuous movement (see attached picture). Successively treat entire area in paralel lines, respecting the direction of the muscle fibers in the region of the application. ~In subacute and chronic conditions "biostimulation" part of the treatment should be preceded with analgesic protocol.
Note	Feeling of unpleasant burning must be avoided! For maximum biostimulative and anti-inflammatory effect cryotherapy can be applied daily.
Contraindications	Application in the area of eye~Application above endocrine glands~Epilepsy~Pregnancy~Tumorous diseases~Febrile conditions~Menstruation

E