

	Mode	Frequency (R)	Phase duration (T)	Treatment time	Intensity	Positioning of electrodes
Trigger points pain control	<b>Tens Conv</b>	<b>10 Hz</b>	<b>500 us</b>	<b>2 min</b>	<b>1-250 mA*</b>	One electrode on the muscular trigger point and the other 7 cm away from the main electrode
Acute pain	<b>Tens Conv</b>	<b>170 Hz</b>	<b>50 us</b>	<b>30 min</b>	<b>1-250 mA*</b>	On the painful area
Chronic pain treatment	<b>Tens Conv</b>	<b>40 Hz</b>	<b>150 us</b>	<b>20 min</b>	<b>1-250 mA*</b>	One electrode channel on the dermatome corresponding to the pain and the second on the nerve root corresponding to the dermatome in which the pain is localized


	Mode	Burst duration	Burst Frequency	Rise	On	Decay	Off	Treatment time	Intensity	Positioning of electrodes
Russian current	<b>Russian Sync</b>	<b>50 %</b>	<b>50 Hz</b>	<b>3s</b>	<b>8s</b>	<b>3s</b>	<b>16s</b>	25 min	1-250 mA*	On the muscular center or on the motor muscular point
Original Russian current for flaccidity 1 - IIa Fibers	<b>Russian Sync</b>		<b>50 Hz</b>	<b>3s</b>	<b>6s</b>	<b>3s</b>	<b>12s</b>	15 min	1-250 mA*	Bipolar
Original Russian current for flaccidity 2 - IIa Fibers	<b>Russian Sync</b>		<b>50 Hz</b>	<b>3s</b>	<b>9s</b>	<b>3s</b>	<b>15s</b>	15 min	1-250 mA*	Bipolar
Original Russian current for flaccidity 3 - IIa Fibers	<b>Russian Sync</b>		<b>50 Hz</b>	<b>3s</b>	<b>12s</b>	<b>3s</b>	<b>18s</b>	15 min	1-250 mA*	Bipolar
Original Russian current for flaccidity 1 - IIb Fibers	<b>Russian Sync</b>		<b>70 Hz</b>	<b>3s</b>	<b>6s</b>	<b>3s</b>	<b>12s</b>	15 min	1-250 mA*	Bipolar
Original Russian current for flaccidity 2 - IIb Fibers	<b>Russian Sync</b>		<b>70 Hz</b>	<b>3s</b>	<b>6s</b>	<b>3s</b>	<b>12s</b>	15 min	1-250 mA*	Bipolar
Original Russian current for flaccidity 3 - IIb Fibers	<b>Russian Sync</b>		<b>70 Hz</b>	<b>3s</b>	<b>12s</b>	<b>3s</b>	<b>18s</b>	15 min	1-250 mA*	Bipolar



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	Mode	Frequency (R)	Phase duration (T)	Rise	On	Decay	Off	Treatment time	Intensity	Positioning of electrodes
Motor recovery after surgery	Fes Sync	50 Hz	250 us	3s	8s	1s	8s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase muscle strength in athletes 1	Fes Sync	60 Hz	350 us	3s	12s	1s	20s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase muscle strength in athletes 2	Fes Sync	60 Hz	350 us	3s	15s	1s	15s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase muscle strength in athletes 3	Fes Sync	60 Hz	350 us	3s	18s	1s	18s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase of muscle strength after ACL injury 1	Fes Sync	50 Hz	250 us	3s	6s	1s	12s	25 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscle strength after ACL injury 2	Fes Sync	50 Hz	250 us	3s	10s	1s	15s	25 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscle strength after ACL injury 3	Fes Sync	60 Hz	300 us	3s	15s	1s	15s	25 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength - knee surgery prosthesis 1	Fes Sync	40 Hz	250 us	5s	6s	2s	15s	35 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength - knee surgery prosthesis 2	Fes Sync	40 Hz	250 us	5s	10s	2s	15s	35 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength - knee surgery prosthesis 3	Fes Sync	40 Hz	250 us	5s	15s	2s	15s	35 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength after PNL 1	Fes Sync	65 Hz	300 us	5s	3s	2s	20s	30 min	1-250 mA*	* In the muscular centre of the denervated muscles
Increase of muscular strength after PNL 2	Fes Sync	65 Hz	300 us	5s	6s	2s	18s	30 min	1-250 mA*	* In the muscular centre of the denervated muscles
Increase of muscular strength after PNL 3	Fes Sync	65 Hz	300 us	5s	10s	2s	18s	30 min	1-250 mA*	* In the muscular centre of the denervated muscles
Increase of muscular strength after stroke 1	Fes Sync	65 Hz	300 us	5s	8s	2s	18s	30 min	1-250 mA*	On the centers of the supraspinal muscle and medial deltoid fibers to be moved during functional activity
Increase of muscular strength after stroke 2	Fes Sync	65 Hz	300 us	5s	10s	2s	18s	30 min	1-250 mA*	On the centers of the supraspinal muscle and medial deltoid fibers to be moved during functional activity
Increase of muscular strength after stroke 3	Fes Sync	65 Hz	300 us	5s	12s	2s	18s	30 min	1-250 mA*	On the centers of the supraspinal muscle and medial deltoid fibers to be moved during functional activity
Spasticity control 1	Fes Sync	50 Hz	300 us	5s	12s	2s	17s	15 min or the desired number of muscle contractions	1-250 mA*	On the muscle centre or on the motor muscular point of the opposite muscle in relation to the spastic muscle
Spasticity control 2	Fes Sync	50 Hz	300 us	5s	15s	2s	17s	15 min or the desired number of muscle contractions	1-250 mA*	On the muscle centre or on the motor muscular point of the opposite muscle in relation to the spastic muscle

Spasticity control 3	<b>Fes Sync</b>	<b>50 Hz</b>	<b>300 us</b>	<b>5s</b>	<b>17s</b>	<b>2s</b>	<b>17s</b>	15 min or the desired number of muscle contractions	1-250 mA*	On the muscle centre or on the motor muscular point of the opposite muscle in relation to the spastic muscle
Increase of local muscular resistance 1	<b>Fes Sync</b>	<b>20 Hz</b>	<b>300 us</b>	<b>5s</b>	<b>25s</b>	<b>2s</b>	<b>45s</b>	40 min (3 times per day)	1-250 mA*	On the muscular center or on the motor muscular point
Increase of local muscular resistance 2	<b>Fes Sync</b>	<b>20 Hz</b>	<b>300 us</b>	<b>5s</b>	<b>35s</b>	<b>2s</b>	<b>50s</b>	40 min (3 times per day)	1-250 mA*	On the muscular center or on the motor muscular point
Increase of local muscular resistance 3	<b>Fes Sync</b>	<b>20 Hz</b>	<b>300 us</b>	<b>5s</b>	<b>35s</b>	<b>5s</b>	<b>55s</b>	40 min (3 times per day)	1-250 mA*	On the muscular center or on the motor muscular point



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Motor recovery after surgery	Fes Sync	50 Hz	250 us	3s	8s	1s	8s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase muscle strength in athletes 1	Fes Sync	60 Hz	350 us	3s	12s	1s	20s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase muscle strength in athletes 2	Fes Sync	60 Hz	350 us	3s	15s	1s	15s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase muscle strength in athletes 3	Fes Sync	60 Hz	350 us	3s	18s	1s	18s	25 min or the desired number of muscle contractions	1-250 mA*	In the muscular centre or on the motor muscular point
Increase of muscle strength after ACL injury 1	Fes Sync	50 Hz	250 us	3s	6s	1s	12s	25 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscle strength after ACL injury 2	Fes Sync	50 Hz	250 us	3s	10s	1s	15s	25 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscle strength after ACL injury 3	Fes Sync	60 Hz	300 us	3s	15s	1s	15s	25 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength - knee surgery prosthesis 1	Fes Sync	40 Hz	250 us	5s	6s	2s	15s	35 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength - knee surgery prosthesis 2	Fes Sync	40 Hz	250 us	5s	10s	2s	15s	35 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength - knee surgery prosthesis 3	Fes Sync	40 Hz	250 us	5s	15s	2s	15s	35 min	1-250 mA*	In the muscular centre or on the motor muscular point of the rectus femoris mucle, vastus lateralis and vastus medialis
Increase of muscular strength after PNL 1	Fes Sync	65 Hz	300 us	5s	3s	2s	20s	30 min	1-250 mA*	* In the muscular centre of the denervated muscles
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Increase of muscular strength after PNL 3	Fes Sync	65 Hz	300 us	5s	10s	2s	18s	30 min	1-250 mA*	* In the muscular centre of the denervated muscles
Increase of muscular strength after stroke 1	Fes Sync	65 Hz	300 us	5s	8s	2s	18s	30 min	1-250 mA*	On the centers of the supraspinal muscle and medial deltoid fibers to be moved during functional activity
Increase of muscular strength after stroke 2	Fes Sync	65 Hz	300 us	5s	10s	2s	18s	30 min	1-250 mA*	On the centers of the supraspinal muscle and medial deltoid fibers to be moved during functional activity
Increase of muscular strength after stroke 3	Fes Sync	65 Hz	300 us	5s	12s	2s	18s	30 min	1-250 mA*	On the centers of the supraspinal muscle and medial deltoid fibers to be moved during functional activity
Spasticity control 1	Fes Sync	50 Hz	300 us	5s	12s	2s	17s	15 min or the desired number of muscle contractions	1-250 mA*	On the muscle centre or on the motor muscular point of the opposite muscle in relation to the spastic muscle
Spasticity control 2	Fes Sync	50 Hz	300 us	5s	15s	2s	17s	15 min or the desired number of muscle contractions	1-250 mA*	On the muscle centre or on the motor muscular point of the opposite muscle in relation to the spastic muscle