## Indications and treatment plan of transcranial magnetoelectric therapy instrument 1. Scope of application:

- 1. It is used as an adjuvant therapy for functional recovery of stroke and paralysis patients.
- 2. Can be used for adjuvant treatment of ischemic cerebrovascular disease, neurasthenia, and brain injury.

## Two. Indication:

- 1. Ischemic cerebrovascular disease ① Cerebral thrombosis and cerebral thrombotic infarction ② Lacunar infarction ③ Insufficient blood supply to the brain, brain atrophy, cerebral arteriosclerosis ④ Insufficient blood supply to the base of the vertebra.
- 2. Brain and spinal cord injury diseases ① patients with craniocerebral injury, toxic brain injury and spinal cord injury ② patients with motor function recovery after cerebral hemorrhage ③ children with cerebral palsy and epilepsy ④ patients with brain function recovery after traumatic craniocerebral injury and intracranial tumor surgery.
- 3. Brain functional disorders ① Parkinson's disease, depression, Alzheimer's disease, mental disorders ② Neurasthenia, insomnia, vertigo, nervous headache, brain fatigue syndrome, neurological diseases ③ Depressive neurosis, anxiety disorder, phobia.

Ischemic cerebrovascular disease, brain injury disease, infantile cerebral palsy and limb motor dysfunction, migraine and other diseases caused by the above diseases.

## Three. Treatment time and course:

Treatment time:  $20 \sim 30$  minutes/time,  $1 \sim 2$  times a day; Course of treatment: 10-20 days as a course of treatment, with an interval of 2-3 days for each course of

treatment. For chronic diseases, it is recommended to stop the treatment for 3-5 days after the end of one course of treatment and then start the next course. For patients who need long-term treatment, they need to restart the treatment at an interval of one week after 5 courses of treatment.

The above treatment time and course of treatment are for reference only, and the doctor determines the treatment time and course of treatment according to the patient's condition.

## Four. Indications and treatment plan: (see the instructions for the specific treatment site)

Disease	Magneti c therapy	Massage function	Lectroencephalog ram bionic electric function	Body electrothera py function	Treatment recommendati ons
	function				
Infantile cerebral palsy	First weak and then strong	Optional and optional	Postauricular mastoid point	Somatic motor function The site of the obstruction	1-2 times/day A course of treatment for 10 days
Tourette's	First weak and then strong	Optional and optional	Postauricular mastoid point	Somatic motor function The site of the obstruction	1 time/day One course of treatment is 10-20 days.
Hyperactivity	First weak and then strong	Optional and optional	Postauricular mastoid point	Somatic motor function The site of the obstruction	2 times/day One course of treatment is 10-20 days.
Pediatric developmental delay (speech, Intelligence, availability, physical	First weak and then strong	Optional and optional	Mastoid point behind the ear, temple	Somatic motor function The site of the	1-2 times/day A course of treatment for 10 days

fitness, etc.)				obstruction	
Pediatric autism	Strong	Optional	Postauricular	Don't choose	2 times/day
	gear	and	mastoid point		15-20 days as
		optional			a course of
					treatment
Brain atrophy	Weak	Optional	Mastoid point	Somatic	1 time/day
	gear	and	behind the ear,	motor	15-20 days as
		optional	temple	function	a course of
				The site of	treatment
				the	
				obstruction	
Insufficient cerebral	First	Select	Postauricular	Somatic	1-2
blood supply	weak and		mastoid point	motor	times/day
	then			function	A course of
	strong			The site of the obstruction	treatment for 10 days

Cerebral thrombosis	Strong	Select	Postauricular	Somatic	1-2 times/day
	gear		mastoid point	motor	One course of
			•	function	treatment is
				The site of	10-20 days.
				the	
				obstruction	
Cerebral thrombotic	Strong	Select	Postauricular	Somatic	1-2 times/day
infarction	gear		mastoid point	motor	15-20 days as
				function	a course of
				The site of	treatment
				the	
				obstruction	
Lacunar infarction	Strong	Select	Postauricular	Somatic	1-2 times/day
	gear		mastoid point	motor	One course of
				function	treatment is
				The site of	10-20 days.
				the	
				obstruction	
Insufficient blood	Strong	Optional	Postauricular	Cervical	1 time/day
supply to the base	gear	and	mastoid point	vertebrae	One course of
of the vertebra		optional			treatment is
					10-20 days.
Cerebral	Strong	Select	Postauricular	Somatic	1 time/day
arteriosclerosis	gear		mastoid point	motor	One course of
				function	treatment is
				The site of	10-20 days.
				the	
				obstruction	
Stroke	First	Optional	Postauricular	Somatic	1-2 times/day
	weak and	and	mastoid point	motor	One course of
	then	optional		function	treatment is
	strong			The site of	10-20 days.
				the	
				obstruction	
Hemiplegia	First	Optional	Postauricular	Somatic	1-2 times/day
	weak and	and	mastoid point	motor	One course of
	then	optional		function	treatment is
	strong			The site of	10-20 days.
				the	
				obstruction	

Craniocerebral	First	Don't	Postauricular	Somatic	1 time/day
injury	weak and	choose	mastoid point	motor	A course of
	then			function	treatment
	strong			The site of	for 10 days
				the	
				obstruction	
Motor function due	First	Don't	Postauricular	Somatic	1-2 times/day
to brain injury	weak and	choose	mastoid point	motor	One course of
Obstacle	then			function	treatment is
	strong			The site of	10-20 days.
				the	
				obstruction	
Toxic brain injury	First	Optional	Postauricular	Somatic	1 time/day
	weak and	and	mastoid point	motor	A course of
	then	optional		function	treatment
	strong			The site of	for 10 days
				the	
				obstruction	
Spinal cord injury	First	Don't	Postauricular	Somatic	1 time/day
	weak and	choose	mastoid point	motor	A course of
	then			function	treatment
	strong			The site of	for 10 days
				the	
				obstruction	
Epilepsy	First	Optional	Postauricular	Somatic	1-2 times/day
	weak and	and	mastoid point	motor	15-20 days as
	then	optional		function	a course of
	strong			The site of	treatment
				the	
				obstruction	
Senile dementia	First	Optional	Postauricular	Somatic	1-2 times/day
	weak and	and	mastoid point	motor	15-20 days as
	then	optional		function	a course of
	strong			The site of	treatment
				the	
				obstruction	
Mental disorders	First	Optional	Postauricular	Don't choose	1-2
	weak and	and	mastoid point		times/day
	then	optional			A course of
	strong				treatment

					for 10 days
Parkinson's disease	Strong gear	Optional and optional	Postauricular mastoid point	Somatic motor function The site of the obstruction	1 time/day A course of treatment for 10 days
Neurasthenia (insomnia, amnesia, vertigo, nervous headache, brain fatigue syndrome, nervous disease, depressive neurosis, anxiety disorder, panic disorder, anxiety disorder, neurosis) Phobia)	First weak and then strong	Optional and optional	Mastoid point behind the ear, temple	Don't choose	For depressive neurosis, it is recommended to treat only with magnetic therapy function.  1-2 times/day One course of treatment is 10-20 days.
Depression	First weak and then strong	Optional and optional	Optional and optional	Don't choose	In the first course of treatment, only the treatment of magnetic therapy function was carried out.  1-2 times/day A course of treatment for 10 days
Migraine	First	Optional	Mastoid point	Optional	1-2 times/day

	weak and	and	behind the ear,	cervical spine	One course of
	then	optional	temple	location	treatment is
	strong				10-20 days.

Indications corresponding to the 10 prescriptions for somatic electrotherapy (the default prescription for startup is 1):

- ★ Prescription 01: a pulse current is generated in about 1 second. For mild denervation and muscle weakness. It is more suitable for the treatment of flaccid paralysis.
- **★** Prescription 02: For the treatment of mild denervation and myasthenia.
- ★ Prescription 03: For treatment of mild or moderate denervation.
- ★ Prescription 04: For treatment of moderate denervation.
- **★** Prescription 05: For the treatment of severe denervation.
- ★ Prescription 06: It is used for the treatment of severe or extremely severe denervation and high muscle tension (for patients with high muscle tension, low treatment intensity is appropriate at the initial stage of treatment).
- ★ Prescription 07: There is a strong electrical stimulation in each pulse cycle, which has the same indications as prescription 03, and is used alternately with prescription 03 in the middle and late stages of treatment.
- ★ Prescription 08: There is a strong electrical stimulation in each pulse

cycle, which has the same indications as Prescription 04, and is used alternately with Prescription 04 in the middle and late stages of treatment.

- ★ Prescription 09: There is a strong electrical stimulation in each pulse cycle, which has the same indications as prescription 05, and is used alternately with prescription 05 in the middle and late stages of treatment.
- ★ Prescription 10: There is a strong electrical stimulation in each pulse cycle, which has the same indications as Prescription 06, and is used alternately with Prescription 06 in the middle and late stages of treatment.

The indications corresponding to the above prescriptions are for reference only, and doctors can choose according to the patient's condition.