

NM—3000

**Personal thermal massage bed by
warm heat**

A clinical demonstration report

Qingtao Nambusan Hospital (China)

A clinical demonstration report

Conforming to Clinical demonstration enforcement regulation for Medical appliances instruments and Sandong Food and Drug Administration's enforcement regulation, this hospital had a clinical demonstration with the NM-3000(thermal Jade Back Massage) produced by NUGA MEDICAL. The result is as following.

1. A general data of clinical demonstration.

1.1 A type of clinical demonstration

Following diseases were chosen as experimental objects based upon a distinctive feature of NM-3000..

1.1.1 Cervical Spine Abnormality

1.1.2 Lumbar Spine HIVD (Hernia of intervertebral discs)

1.1.3 Lumbar Spine Abnormality

1.2 A number of disease samples of the clinical demonstration and an analysis of disease samples.

102 patients who had been turned out to have a disease in a medical examination of the clinical demonstration were chosen to be the subject of the experiment. They all used NM-3000 and specific diseases are as following table.

A type of diseases	An experiment group			
	No. Diseases	Sex		Averaged Age
		M	F	
Cervical Spine Abnormality	34	21	13	54
L-Spine HIVD	37	19	18	47.7
Lumbar Spine Abnormality	31	14	17	37.4
Total	102	54	58	

1.3 A clinical experiment and control group

Every diseases used comparison of body conditions between before and after treatment

1. Methods

2.1 A method of treatment

2.1.1 Connect the equipment with the power following directions for the product.

2.1.2 Turn on the power, adjust the temperature up to 50~55°C and set a timer to be used for 40 minutes.

2.1.3 The equipment should be placed on the part of diseases and a propitious spot

(More details in the directions of the product)

2.2 A time and period of treatment.

2.2.1 A time of treatment: 40 minutes for a treatment.

2.2.2 A period of treatment: once a day for 30 days.

2.3 Matters that demand special attention and patients who should be away from using the equipment

- An acute disease, pregnancy and a malignant tumor are strictly forbidden.

3. The test for performance of the clinical demonstration and standard of assessments

3.1 The Clinical Demonstration and the result of the test.

The rate of healing and effectiveness is calculated by observing before and after the treatment the change of symptoms, body condition, biochemical study and images like X-Ray or MRIs.

3.2 Standard assessment of the clinical demonstration.

The result is analyzed by Collection integration. Signs -,+,++,+++ are noted in the table as the result has different symptoms. Under the same circumstances, if say, the symptoms are still appeared in a whole, slightly get better and are sometimes disappeared, each result has 4 (+++), 3 (++) and 2 (+) in order. And if the symptoms scarcely appear and don't emerge at all, 1 (-) and 0 point are given.

- (1) Healing: The symptoms disappear after treatment
- (2) Improvement: The symptoms and body condition are improved after treatment
- (3) Effectiveness: The symptoms and body condition are improved or not changed after treatment
- (4) Ineffectiveness: The symptoms and body condition are not changed at all.

2. A Statistical Method

Conforming to a hypothesis the data was collected and analyzed. The data of two groups (Experiment and control group) is tested by U-test.

3. The result and analysis of the experiment:

Table 1 Cervical Spine Disease

Symptoms	No. symptoms	Before treatment	After treatment	The rate of effectiveness
Headache	33	2.311+1.007	1.001+0.194	89%
Omodynia	32	3.257+0.913	0.997+0.339	99%
The upper limbs paralysis	26	2.059+1.077	0.874+0.597	90%
Omarthritis	29	3.061+1.135	1.377+0.197	95%

P<0.05

Table 2. L-Spine HIVD

Symptoms	No. symptoms	Before treatment	After treatment	The rate of effectiveness
Lumbago and legs ache	37	3.339+0.755	0.952+0.337	100%
Difficulty in moving waist	37	3.206+1.157	1.036+0.312	100%
The lower limbs paralysis	34	3.026+0.951	1.374+0.561	97.5%
Test for raising legs	31	2.537+0.775	0.855+0.514	98.7%

P<0.05

Table 3. L-Spine Disease

Symptoms	No. symptoms	Before treatment	After treatment	The rate of effectiveness
L-spine Transverse Process Pain	31	3.011+0.752	1.227+0.912	94%
Vertebral Dislocation Abnormality of Intervertebral disk space	31	3.225+1.022	0.983+0.277	97%

P<0.05

4. Analysis of clinical effectiveness.

5.1 As you can see in the table 1, NM-3000 has a great effectiveness on Cervical Spine Disease having the rate of 93.25% effectiveness. On observing experiment the equipment relieves the pain and the limit of activities for patient. Obviously, the most recovery can be found in the beginning of first week.

5.2 Same result occurs in the table 2. The equipment has even better effectiveness on HIVD, 99 %, and the first two weeks has a distinctive improvement.

5.3 Finally, the rate of effectiveness on L-Spine Disease is approximately 95.5% and NM-3000 revises the spine and gives comfortable feeling.

5. The conclusion of the clinical demonstration.

6.1 A finger pressure therapy action

Spots on the body suitable for acupuncture, according to Traditional Chinese Medicine, are a way that the human body goes through the blowhole and keep the balance between internal organs and human body systems.

A propitious spot which is a part of human body receiving the energy is a stimulating point from spots on the body suitable for acupuncture to internal organs. Spots on the body suitable for acupuncture connect in and outside of the body, let the energy travel around the body and keep a balance. These phenomenons appear due to response of a propitious. Stimulation of the certain propitious leads to control spots on the body suitable for acupuncture, inner organs and the energy so that the immunity that can protect from diseases highly increase.

Inner organs can be cured or improved by stimulating a propitious spot which is around the thorax, abdomen, back and the lumber of the human body. Of those, propitious spots on the thorax, back and the first thoracic vertebrae are applied to treat diseases related the thorax, heart and lungs. Also propitious spots of the back, thoracic vertebrae, lumbar help the diseases related the trigram, gallbladder and stomach, propitious spots of the first lumber and the waist region can cure the diseases related the genital organs and the urinary organs.

NM-3000 which has a special floodlighting shines the spine and region of the stomach. This part is exactly same as the theory of the traditional Chinese medicine. NM-3000 relatively has an outstanding health capacity and treatment.

6.2 Control the nerve system.

A floodlighting equipment that stimulates on the spine like giving a massage with a heat can improve a nerve of the spine and adjust the spine so that it can be said that NM 3000 can control the nerve of the human body.