# **HEARTY CENTER**

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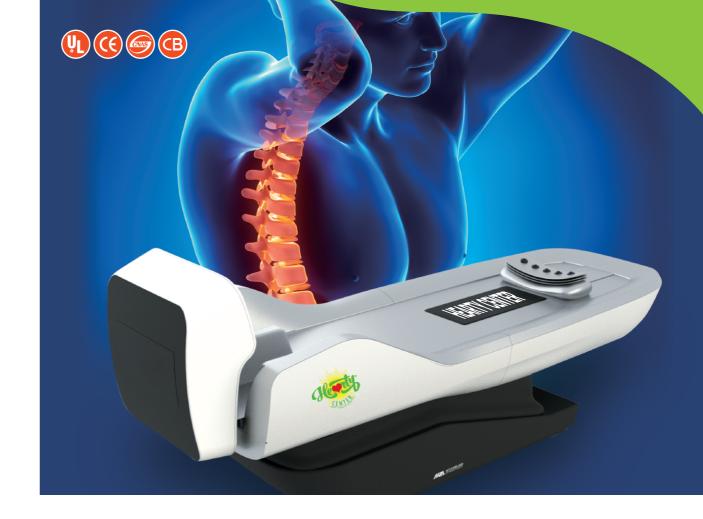








# We care for your healthy and safety



## Miracle bed

Name	Rated power	Rated voltage	Size
Miracle bed	80W	220V	203x73x84cm



## **MIRACLE BED**

## Efficacy:

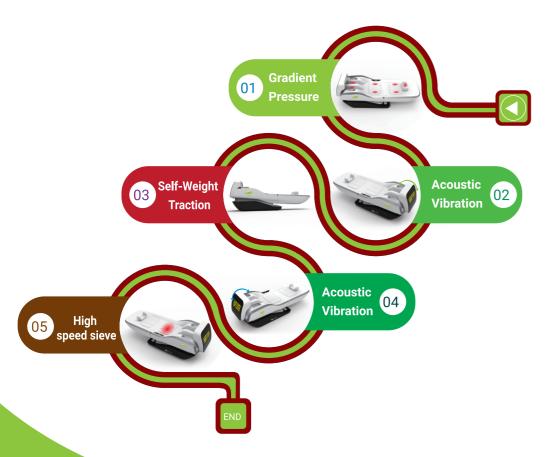
- 1. Relieve the pain of neck, shoulder, waist and leg.
- 2. Improve and regulate the osteoporosis and osteoarthritis.
- 3. Promote sleep, enhance and improve immunity.
- 4. Improve the functional disorders of limbs caused by cerebral apoplexy.
- 5. Rehabilitate the tension and stiffness of muscle, soft tissue adhesion and so on.
- 6. Activate the cells activity, improve microcirculation, promote metabolism and blood circulation.

## **Functions:**



Five Elements Music in the whole process

Far Infrared Thermotherapy in the whole process



## The Principle of Spinal Balance Rehabilitation

Spinal dynamic balance stimulation and rehabilitation under human self-adaptability



## Step 1

## **The Five Elements Music**

Through the three-Dimensional stimulation of the Five Elements (Gold, Wood, Water, Fire and Earth) of traditional Chinese medicine, to reach the balance of Yin and Yang of human body, and achieve the purpose of balance of body and mind, relieve and relax, calm and concentrate from inside to outside as well from spiritual level to physical level, and have a very good effect to help sleeping.

## **Step 2** Far Infrared Thermotherapy

Expand capillaries, speed up blood flow, promote blood circulation, and play an assistant health care role of relax channels and collaterals and relieve the pain.

## Step 3

### **Gradient Pressure**

Gradient barometric therapy from neck to foot, to relax the muscles and soft tissue, especially the muscles on the sides of the spine, similar to Traditional Chinese Medical massage.

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## **Step 4** Acoustic Vibration

- 1. Stimulate spine, muscle and soft tissue: Through Medical high frequency vibration deeply to stimulate the muscles and soft tissue system (especially the muscles surrounding the spine), deeply relax the muscles and soft tissue, open the soft tissue adhesions, dredge nodules, activate the muscle cells, and enhance flexibility and tension of muscles, which can effectively restore vitality and toughness of the muscle groups that maintain the healthy balance of the spine, maintain the structural and functional healthy balance of the spine, also can effectively relieve the muscle stiffness, tension and cramps, etc.
- **2.** Stimulate Skeletal System: Improve bone density, prevent the loss of bone salts, prevent and improve osteoporosis.
- **3.** Stimulate Nervous System: Promote activation of Spine and motor neuron, etc., enhance the function of Nerve link, so as to expand the stimulation and restore the normal conduction of nerve, which is beneficial to relieve the functional disorder of limbs caused by cerebral apoplexy.
- **4.** Stimulate Blood and Lymphatic System: Increase blood flow, reduce blood resistance index, improve blood circulation, accelerate metabolism, effective to relieve muscles pain, stiffness and cramps.



## Step 5 Self-Weight Traction + Acoustic Vibration

After the muscles surrounding the spine are deeply relaxed, the human body's dynamic self-gravity are highly effectively acts on the spine, pull the intervertebral space, form the intervertebral negative pressure, make the protruding nucleus pulposus retract, and play the role of spinal decompression, relieve the pain of cervical and lumbar spine, restore the structural healthy balance of the spine. At the same time the recovery of intervertebral physiological structure, do the acoustic vibration for the muscles on both sides of the spine again, to activate the vitality of muscle cells, enhance the tension and flexibility of muscles on the both sides of spine, and protect the recovered spine.

## **Step 6** High Speed Sieve

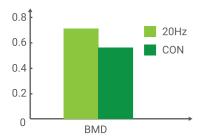
Hip shaking can promote blood circulation of muscle and muscle around pelvis and thigh. There are around 90% people suffer from hemorrhoids, the people that sits for a long time are with prostatitis due to blood vessel and tendon are squeezed, then affect the blood supply of the body. Through the influence of high speed shaking sieve, it can promote the peristalsis of large intestine, as well speed up the blood circulation of whole pelvis and hip, and increase the blood oxygen saturation. It promotes to excrete the overnight stool and the burning of thigh fat, regulates the organs, improve the human microcirculation and enhance the immunity.

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**SPINAL HOLOGRAM** Cervical Vertebra Dizziness, Migraine, Tinnitus, Chest tightness, Tachycardia, Abnormal voiding, Hypertension, Insomnia, Facial paralysis, Decreased vision Throat foreign body sensation, Chest tightness, Neck pain, Toothache, Hyperthyroidism, Low fever Throat foreign body sensation, Chest tightness, Shoulder pain, Toothache, Hiccup, Trigeminal neuralgia, Hyperthyroidism, Deafness Dizziness, Decreased vision, Tachycardia or bradycardia, Upper arm pain or lower extremity weakness, Allergic rhinitis, Neurasthenia Hypotension, Arrhythmia (fast or slow), Lateral pain of upper limb, Shoulder periarthritis Thoracic Vertebra T1 Upper arm pain, Shoulder pain, Asthma, cough, Left upper chest pain, Palpitation, Palpitation Upper arm pain, Asthma, Cough, Left upper chest pain, Palpitation, Palpitation Т3 The same as T1. Chest tightness and chest pain Chest wall pain, Asthma, Hiccup, Breast pain T4 T5 Chest wall pain, Asthma, Breast pain Т6 Stomachache, Liver pain, Upper abdominal distension, Intercostal pain, Cholelithiasis Stomachache, Liver pain, Intercostal pain, Cholecystitis, Cholelithiasis, Chronic gastritis T8 Stomachache, Liver pain, Intercostal pain, Cholecystitis, Cholelithiasis Т9 Stomachache, Liver pain, Upper abdominal pain, Cervicitis, Diabetes mellitus T10 Abdominal distension, Liver pain, Ovaries, Diabetes, Orchitis, Cervicitis Stomachache,Liver pain, Pancreatitis, Diabetes, Kidney pain, Voiding abnormalities, Urinary calculi T11 The same as T11,Abdominal distention, Nephritis, Kidney stones, Abnormal urination, Diarrhea T12 Lumbar Vertebra The same as T12,Abnormality of anterior thigh pain and urination The same as L1,Abdominal distention, constipation, hemp pain in the anterior side of the lower extremities L2 L3 Bilateral lumbago, Abdominal pain and sexual dysfunction L4 Abdominal pain, Urination abnormality, Lateral thigh pain Lower back pain, Hypogastric pain, Seminal emission, Irregular L5 menstruation and sexual dysfunction Abnormal voiding, Cervicitis, Prostatitis and sexual dysfunction pulposus (compression of spinal Cauda equina 髓核的脱出 马尾 受压迫的脊神经 背抽经相节 Nucleus pulposus Herniated nucleus pulposus

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## The Principle and Clinical Features of Skeleton Rehabilitation



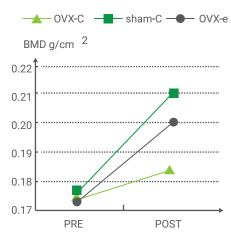


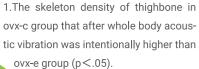
3D image of cancellous tissue 6 weeks later

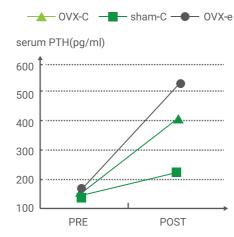
The test "Some Parts of Vibration Stimulation effect for preventing osteoporosis" from Medical Department of Yonsei University, they used 20Hz Vibration to stimulate the spongy bone, and get the data after 6 weeks as above diagram, we can see that part of vibration stimulation it increases the Bone density. So we reach the conclusion - Vibration stimulation can prevent bone loss and reduce the risk of bone damage.

In 2007, the experiment "The Effect of Whole Body Acoustic Vibration on prevention of osteoporosis for Ovariectomized mice" that made by South Korea Sports and Physiology Association, the Data was as follows:

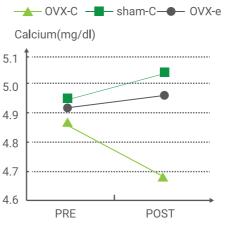
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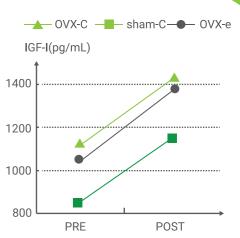




2. The PTH level of ovx-e group that after whole body acoustic vibration was intentionally higher than ovx-c group (p<.05).



3. The Calcium level of ovx-e group that after whole body acoustic vibration was intentionally higher than ovx-c group (p<.001).

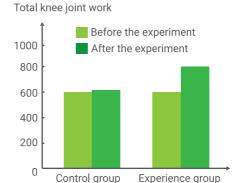


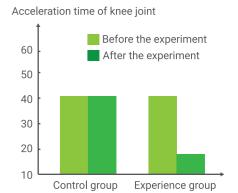
4.The IGF-I level of ovx-e group that after whole body acoustic vibration has not statistical difference compared with ovx-c group.

The data show that it can increase the skeleton density, the bone loss is inhibited by PTH secretion, therefore it is effective to keep skeleton density for women who were in the menstruation period, and to prevent osteoporosis.

## The Principle and Clinical Features of Muscle Rehabilitation

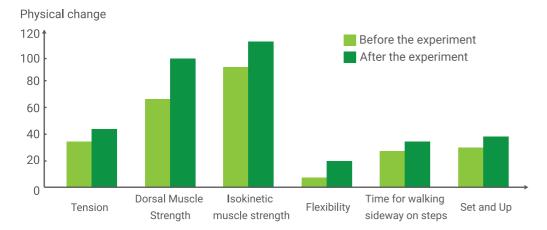
ESPINEBOT has significant effects on relaxing muscles, enhancing muscle tension, enhancing muscle activity and maintaining muscle tonicity. From the below figures in diagram, to better understand the effect of acoustic vibration on joint torque and muscle strength of lower limbs, the synergistic effect between the whole body vibration and soft exercise, as well the influence of vibration on shoulder joint muscles.





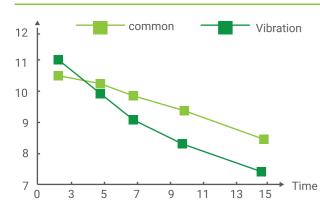
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In the time of 8 weeks, do the whole body vibration for 4 days one week, and 30 minutes one day, observe the changes of joint force and we get the figures as the diagram show. From the diagram, the whole body vibration can induce greater muscle activity, maintain the muscle tension, and further enhance the joint torque and muscle strength of low limbs.



In the same 8 weeks, one day do the whole body vibration and soft exercise for around 40 minutes, 3 times one week, then get the figure as the diagram shows. Through the synergistic effect between the whole body vibration and soft exercise, to activate the muscle and maintain the muscle tension, so as to play a better effect of soft exercise.

## The principle of acid drainage and its clinical effect



The speed of eliminate lactic acid is more than 6% averagely faster compared with the rest after whole body acoustic vibration group and stable group.

The Clinical trials have shown that it can improve blood circulation by increasing blood flow and reducing blood resistance index. It speeds up the removal of old waste from the body and is effective in preventing pain and restoring fatigue.

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