

TIENS Pressure-lowering Device

I. Relevant fundamental knowledge

1. What is bioelectricity?

The definition of bioelectricity in “Encyclopedic Dictionary of Chinese Language ” refers to the electricity phenomena presented by a biologic body. There exists electricity in each biologic body in nature, not only animals, but also plants, of course, including our human body. Friedrich Engels had ever pointed out when summarizing Natural Scientific Achievement that: “There is no change that happened in this globosity without showing electricity phenomena”. An electricity phenomenon has generally existed in human body, for example the movement of muscles, nerves, organs and tissue cells in our body all will generates micro-electric movements. Every minute, the movement of human body is related with bioelectricity. For instance the external stimulation, heart beating, muscle contraction, eyes closing and opening, and cerebral thinking are all accompanied by the generation and changing of bioelectricity. 1-2mV voltages shall be generated when heart beating; and 5-6mV voltages shall be generated when opening and closing eyes; the brain shall generate 0.2-1mV voltages when reading or considering a problem. Therefore the electrocardiogram and electroencephalogram occur in medicine for testing cardio-cerebro physical and pathologic functions as a diagnostic and therapeutic method.

2. Generation of bioelectricity

The bioelectricity is generated with the cell as a unit. The biologists pointed out that each cell constituting biologic body is a micro-electric generator. It is well known that human body is constituted internally by about 60 million cells and the body fluid that sustain them. The compositions of each cell and body fluid, getting down to the bottom of it, are composed of molecules and atoms as well. In the interior of a normal cell with its membrane as a bound, exists a dynamic changing of positive and negative electrical potential between the inside and outside of the cell membrane. The positive and negative electrical potential is always in a unbalance state, so a micro-electric potential difference would occur between the inside and outside of a cell, and by this the metabolites (wastes) generated in the inside of a cell can be discharged to the outside of the cell. We name this activity of a cell as “metabolism”. This dynamic equilibrium state kept by human body

cell is the basis for each life and healthiness. It is also the “equilibrium between yin and yang ” emphasized in the theory of Traditional Chinese Medicine.

Therefore we have to say that electricity is a real dominator of the movement of our life.

The bioelectric potential must be kept in the above dynamic balance state for a human body to be healthy. Because the metabolism of a cell in the human body shall be troubled if the internal potential of the cell is higher than its external potential, so the activity of the cell shall be disordered, leading to the acceleration of cell aging. The deactivation of each cell shall cause the disorder of physiological function, leading to our body in a sub-healthy state, or even resulting in disease. First is the disorder of vegetative nervous function, climacterium syndrome, and then is the high and low blood pressure, arteriosclerosis, stroke, heart disease, allergic disease, neuralgia, lumbar pain and various visceral diseases, leading to the skin aging phenomena, such as rough skin, spot and small wrinkle.

In summary, the positive and negative electric potential of our body must be kept in a stable state in order to maintain the healthiness of life to defense the external adverse influence.

The Tiens Pressure-Lowering device is developed based on the above issues. It can safely, rapidly and easily restore the electric potential into its balance. The operation principle of the Tiens Pressure-Lowering device is to adjust the electric potential of impaired cells using the bioelectric principle, so that to adjust the bioelectric balance of our body. Its kernel technology is: a high technologic bionic closed circuit chip (VIC) is set in the inside of this device to reduce most effectively the lose of negative charge, and make the excessive positive charge after being treated by VIC chip into a closed circuit with human body, turning it into negative charge to return to the human body. When use a Tiens Pressure-Lowering device, its VIC circuit shall activate the biologic closed circuit (which is called as internal driver) existed in the human body after its terminal therapeutic teeth forms a butt joint with the human body, so that to adjust the electric potential of impaired cells to obtain the purpose of preventing and treating various common diseases (high blood pressure, headache, phalacrosis, asthma, toothache, stomach intestinal diseases, kidney diseases, rheumatism and arthralgia, and liver and splenic diseases) , improving body quality and enhancing the healthiness.

The unique efficacy of Tiens Pressure-Lowering device lies in that it can supplement negative charge at any moment by activating closed circuit of our body. Negative charges have multi-functions for facilitating body healthiness, improving immunity. It can tranquilize our mind, accelerate the synthesizing of substance metabolism, enhance energy metabolism, dilate capillary vessel, lower blood pressure, make the blood trending toward weak alkaline (pH 7.4), decrease respiratory rate, reduce the consumption of blood and oxygen, slow down the heart beating, increase blood calcium, decrease blood potassium, increase gamma globulin and leukocyte, weaken blood coagulation and agitate parasympathetic nerve

However in real life, the dust in city and the tail gas discharged by car can despoil of our negative charge; the plastic and chemical fibre products can carry away our negative charge; the sheet iron bus we take ever day can take our negative charge away; the tense emotion can make us lose a great deal of negative charge; the excessive use of cell phone, computer and television can make us consuming negative discharge; meanwhile, the separation of earth surface from human body due to bituminous paved road and concrete shall disturb the natural adjustment of electric potential balance of our body. The long term unbalanced positive and negative electric potential have had our health severely impacted. At this time we need to choose Tiens Pressure-Lowering device to supply rapidly, safely and effectively the lacking negative charge of our body to supply for cell the continuous power.

The mechanism for electromagnetic radiation to harm human body is mainly the thermal effect, non-thermal effect and accumulation effect.

1) Thermal effect: In human body, above 70% is water, which can rub each other after radiated by electromagnetism, causing body temperature increased, and as a result influencing the normal function of other organs.

2) Non-thermal effect: each organ and tissue in human body has its own weak electromagnetic field, which is stable and in sequence. But once disturbed by outside electromagnetic wave, the weak electromagnetic field in non-equilibrium state shall be destroyed and so the human body shall be injured either.

3) Accumulation effect: After the thermal effect and non-thermal effect acted on our body, the degree of injury shall be accumulated if radiated again by electromagnetic wave

before the damage caused by thermal and non-thermal effects has time to be self-repaired (the usually called body bearing capability-internal resistance). This accumulation can cause morbidity over a long time, threatening life.

The scientists from each country have proved through long-term study that receiving electromagnetic radiation over a long-term period of time can cause decreased immunity, metabolism disorder, advanced aging, arrhythmia, diminution of vision, abnormal blood pressure, spot and pox on skin and roughness, or even lead to various cancer; for women, it is easy to get barrenness, abortion and abnormal embryo. As evidence, Beijing Municipal Commission of Population and Family Planning has already had more than 1700 cases. The probability of encephaloma for children who use computer without any protection at early stage would be more than 1 time higher than normal children.

For the populations who long termly contact with electromagnetic radiation, unimaginable pathological conditions shall be induced even the power and frequency is low. The caution should be executed on this.

Though the people have known the harmfulness that electromagnetic radiation may bring, they cannot do without these electronic products, and cannot get away from these terrible electromagnetic radiations either. At this point, having a “Tiens Pressure-Lowering device” would be the best choice under the preconditions of not influencing normal work, life, and ensuring in good health.

Tiens Pressure-Lowering device can remove electromagnetic radiation and magnetic pollution. For the abnormal bioelectricity phenomena, Tiens Pressure-Lowering device can catch the out-of-order bioelectricity because the analogous bioelectric circuit of Tiens Pressure-Lowering device shall be activated after it form a butt joint with human body, and then regulate the disordered bioelectricity into normal and ordered one and feed it back to human body, so that to reduce the harmfulness of electromagnetic radiation on human body, relieve dizziness, insomnia, asthenia, dysphoria and hypomnesia.

II. Product structure and efficacies of the product

Tiens Pressure-Lowering device is a medical device with healthcare device number and medical device permissive number, which is designed to increase human body negative charge based on human body equilibrium bioelectricity. So it is also known as Tiens

Human Body Bioelectric Pressure-Lowering Device. Meanwhile, it is also the first physical therapeutic device using physical bioelectric principle to treat more than 10 diseases in clinic such as cardio-vascular disease.

1. Product structure

Tiens Pressure-Lowering device is a modern high technologic electronic biologic product with medical care functions. The major structure of this product is the high technologic bionic closed circuit chip (VIC).

2. Efficacy of the product

1) Treatment of high blood pressure

Based on the above explanation, we believe that everybody would already have a complete and profound understanding about the development and operation principle of Tiens Pressure-Lowering device, and for this completely new rehabilitation idea using bioelectric potential difference to diagnose and treat disease, would be positively and completely sure. Then someone would ask: "Since it is called Tiens Pressure-Lowering device, what is the principle for this device to lower blood pressure? And how about the effect? "

First let us to explain what is high blood pressure. High blood pressure is a syndrome with increased systemic arterial pressure as major symptom. The normal blood pressure standard recommended by World Health Organization is: systolic pressure is less than 140mmHg, and diastolic pressure is higher than 90mmHg. If the lower limit is between 90-95 and the higher limit is between 140-160, we call it as borderline hypertension. If the blood pressure is higher than 95/140, we call it as hypertension. There are many causes that can lead to hypertension, for example excessive mental stress over a long period of time and endocrine dyscrasia can results in cerebral function disorder and increased cardiac output, triggering general small vascular spasm, and consequently results in abnormal electric potential and magnetic resistance increased, and finally leading to hypertension.

(Relevant story) The third general investigation of hypertension in our country demonstrates that the incidence of hypertension among adults older than 15 years old in our country is 11.88%. Predicted based on this, there are at least 80 million patients of hypertension, with a development trend towards younger age. A data publicized by

“Health News” indicates that there are 130 million patients with hypertension in our country, that is to say there is one patient with hypertension every ten persons. Hypertension has become into a commonly seen and frequently occurring disease in modern civilization. At an early stage, it can influence people’s normal work and life; and at an advanced stage, it can damage heart, brain and kidney, making patients losing their ability to work, or even resulting in death. The World Health Organization has classified hypertension as the “second killer” of human health.

What can we do if got hypertension? I believe most of the people would say: “Taking antihypertensive drug is ok”. Actually, anti-hypertensive drug can maintain blood pressure balance, but it is unfavorable taking anti-hypertensive drug over a long period of time. As the saying goes “every drug is poisonous”. There is no drug with definite therapeutic effect but with no adverse reactions. The major presented symptoms of side effects of antihypertensive drugs include impotence, prostermia, impaired sexual function, edema, hemorrhage of digestive tract and arrhythmia. Therefore, drug treatment is not an ideal therapeutic method.

At this point, somebody may ask: “Whether there is a safe pressure lowering method without any side effects or not?” I can definitely tell everybody here: “there is”. Because the medical investigators have found through many years research on animals with hypertension and patents with primary hypertension in clinical practices that the abnormal ionic transportation function of cell membrane would occur before hypertension and at an early stage, meanwhile the blood viscosity and vascular resistance will increase, which may lead to increased blood pressure. So balancing body’s electric potential can reduce effectively the blood pressure.

Tiens Pressure-Lowering device is the best choice for safe and rapid lowering of blood pressure. It takes effect within 3 minutes without any side effects, because Tiens Pressure-Lowering Device uses VIC circuit to form a closed circuit with human body and regulate the abnormal electric potential of cell membrane by using its own bioelectric field to relieve the spasm state of small artery, rapidly restore the unbalanced abnormal physiological electric potential into normal electric potential by increasing negative electron, enhancing the electrostatic repulsion between erythrocytic surfaces, and consequently to reduce the blood viscosity, decrease the resistance for blood to flow in

vascular, taking the subsequent regulation and integration effect, clearing away the cholesterol and neutral fat deposited on endarterium and dredging the vascular. Not only the immediate pressure lowering effect within short term can be obtained, but also the superposing effect of permanent curing.

This ideal effect can be obtained just because the design of its components is advanced, scientific and reasonable. Take lead effective teeth as an example. Tiens Pressure-Lowering device has three groups of 21 therapeutic teeth. Each group is combined equidistantly and orderly. No matter how to change the angle of view, the teeth just is arranged in a regular linearity. Along with its cohesive angle of inclination, it can collect the weak bio-current in human body when contact with human body, just like a dish shaped antenna on ground to receive the signals that are attenuated due to too remote distance from outer space, to activate VIC circuit through transmission in effect teeth, and then store and exchange the energy, driving to activate the closed bio-electric circuit in human body to adjust the potential of impacted cell to obtain the effect of lowering pressure. For the patients with stage I hypertension, the blood pressure can be maintained in normal as long as they insist on to comb their head for 100-300 times each day using Tiens Pressure-Lowering device; for the patients with stage II hypertension, the blood pressure can be maintained in normal as long as they insist on to comb their head for 200-600 times each day; for patents with stage III hypertension (complicated with heart, brain and kidney symptoms), the blood pressure can be controlled as long as they comb each day for 1000 times if the effect of drug is not obvious. The drug can be gradually reduced or stopped if they can insist on for 3-4 weeks; since then the blood pressure can be maintained in normal if they insist on using Tiens Pressure-Lowering device every day.

2) Alleviate headache

In our life, we don't know how many times of headache episode can occur, and hemicrania is a most frequently encountered one. Young people are very easy to be attacked by this disease, especially young women. Many diseases can be triggered if we don't treat it on time.

The effects of using Tiens Pressure-Lowering Device to treat hemicrania are excellent. Just massage the head using Tiens Pressure-Lowering Device for 3 minutes, the headache caused by radiation when using cell phone can be effectively relieved.

Using Tiens Pressure-Lowering Device to treat headache is an easy and convenient physical therapy.

* Characteristics of physical therapy

A. Attach importance to internal cause and exploit potential energy. Human body is a highly précised, multi-layered and automatically adjusted complex system with self-repair, self-defense and self-regulating functions. This vis medicatrix nature is inherent. As long as we managed to exploit and activate this potential, the dependence on external conditions such as drugs can be avoided to obtain health care effects. The actions of external causes, especially chemical drugs, are short lived and passive, and can bring various side effects. It only can be used as an expedient measure. It would a fundamental and permanent measure if we can mobilize the potential of human body itself. The kernel of a physical therapy is to activate “three self” (self-defense, self-regulation and self-repairing) functions of human body to remove internal and external pathologic factors to treat diseases and strengthen body health.

B. Significant curative effects and easy and convenient for carrying out For the treatment of chronic headache, using Tiens Pressure-Lowering Device can demonstrate its uniqueness too. The therapeutic process of Tiens Pressure-Lowering Device emphasize on natural energy of universe and human body. So the device is simple and easy for use, without side effect, being convenient to popularize. It is a good method for conducting self-care and family treatment.

C. One method with multi-functions, combing both prophylaxis and treatment effects. The physical therapy of Tiens Pressure-Lowering Device emphasize on activating human body’s self-defense, self-regulation and self-repairing ability to prevent and treat disease to improve health level fundamentally, resolve local problems from wholism. This is the so called “The Qi for collected evil is weak, no evil can interfere if vital Qi exists inside.” In clinical, we usually can see that the other diseases can be improved or healed while treating a disease. This is a typical demonstration of “giving priority to effect a permanent cure”.

If no correct diagnosis is obtained for a condition, injection and administration of drug or

some other non-drug treatment might relieve temporarily the headache, but finally it might delay the opportunity to find real reason either. So physical therapy of Tiens Pressure-Lowering Device can be considered as an assistant to drug therapy when physician has excluded severe diseases and prepare to use drug to relieve benign headache. Even for those who resist some drugs or drug therapy presents no effect or recurrence after stop drug, the physical therapy using Tiens Pressure-Lowering Device may be a good choice for you.

3) Decrease the harmfulness of radiation on human body

Today, due to the rapid development of scientific technology, the electronic products such as microwave oven, cell phone, television, air conditioner, refrigerator, computer and Internet has automatized the office, improved the efficiency, brought convenience for our families and enriched people's life. But these are the two-sided products. They can directly or indirectly influence people's health.

The electronic products can emit electromagnetic wave, which is called electromagnetic radiation, when operating. A series of reactions may occur when electromagnetic radiation acts on the human body. The frequency ranging from 150 to 1200 MHz can penetrate deep to 2 cm within the human body to agitate the deep cells in the body and make them to get friction between each other to generate heat, which may interfere the bioelectric current of body itself. The electromagnetic energy in the human body can transform into heat energy, causing the disorder of heat equilibrium, which can result in "micro-wave cataract", destroy testicular ability to produce sperm and lead to barrenness, bring changes of cardio-vascular functions. The nerve system of children is weak, their brain development would be retarded and the regulation of biological clock would be disordered if radiated by strong electromagnetism. For pregnant women, the abortion, premature delivery or even the fetus deformation may be resulted.

(Relevant story): The medical experts in Italian reported that there were 400 children who might suffer from leukaemia each year in Italy, among which the main reason for 2-7 years old children was too close to electromagnetic field and was strongly radiated by excessive electromagnetism. A Poland data pointed out that for individuals who often contact with electromagnetic radiation, the incidence for them to suffer from various cancers would be 2 times higher than general people. British Royal Micro-wave research

organization found that for the individuals who often work under electromagnetic radiation, their incidence of encephaloma would be 6.4 times higher than general people. The Finland medical experts proved by examination that the probability of female air service staff to suffer from tumor of breast is 1 time higher than general same aged women. The medical reports from Britain, America and Canada pointed out that for the staffs that work on plan, the ratio to suffer from dermatophyoma and encephaloma is on the high side. The others such as air conditioner, refrigerator, television and computer all can cause different or same symptoms. It is obvious that the harmfulness brought by electromagnetism is extensive and the influence on human body is great, which cannot be neglected.

The related experts stated that microwave radiation could facilitate mutation of cellular chromosome, making their cleavage abnormal. The frequency of high frequency electromagnetic radiation emitted by usually used cell phone is between 400-1000 MHz, and the strength is 1800-2000mw/sq.m.. When we speak through a mobile telephone, the strong high frequency electromagnetic radiation shall be generated close to the transmitting antenna of the mobile telephone. When in use, the mobile phone is closer to the head, so the head is radiated by electromagnetism. For an individual who is influenced by high strength electromagnetic radiation over a long period, the symptoms of central nervous system such as dizziness, insomnia, hypodynamia, dysphoria and hypomnesia might be resulted. It may also cause vegetative nerve functional disturbance, leading to some cardio-vascular symptoms such as bradycardia, tachycardia and fluctuation of blood pressure.

(Relevant story): Nowadays there are millions of people using computer and Internet. The people, however, often neglect the harmfulness brought by computer. The foreign investigations show that for operators who use computer over a long period of time, 75% of them suffer from diminution of vision, eyestrain, eye dryness or lachrymation, and they often suffer from fatigue, anorexia, hypomnesia, headache and heavy feeling in the brain too. Especially for children, they often infatuated by computer and become impatience, dissocial and selfish, which may influence their normal development.

4) Refresh mind

Pressure-Lowering Device has the function of refresh mind. It applies more the extensive

middle-aged and senior citizens, brainworkers, young students and drivers. It can take effects at any time you use it when you feel tiredness during work, dysphoria, intension in study, obstructed thinking, obtuse in understanding and sleepiness in driving.

Massage on head using Tiens Pressure-Lowering Device can relieve cerebral tiredness, enhance memory and being favorable for people to keep virility and fresh mind in studying and working.

5) Healthcare function for normal people

What we have to explain here is that Tiens Pressure-Lowering Device not only has the functions to lower blood pressure, but also can increase the hypotension to its normal value, because it obtains its curative effects by regulating the balance of human body's electric potential. So it has the same good curative effects for treating hypotension.

Tiens Pressure-Lowering Device not only inherited the soul of Traditional Chinese Medicine, but also integrated with modern high technology patented technique, opened a new path in human health field. Especially, at present days, the spectrums of disease and death have considerably changed. Many severe psychosomatic, gerontic and refractory diseases are increasing each day, and the medical expenses are expensive. The side effects and drugs resistance are becoming worse too. So reforming the medical model and renewing the train of thoughts has been imperative under the situations. Currently due to the drug harmfulness is severe in many advanced countries in the world, the physical therapy of Tiens Pressure-Lowering Device has found favor in these countries. Our China, as the origin of physical therapy, has the obligatory responsibility to carry forward this simple, unsophisticated and novel cultural heritage.

Tiens Pressure-Lowering Device is a high technological product using bioelectric therapy to treat various diseases, in operational manipulation aspect, it combines our Chinese ancient meridian theory with more than five thousands years of history to dredge to meridian, obtaining the results of healthcare and treatment of disease. Meridian is a channel through which blood and qi run. It is meridian that connects the upper and lower, the left and right, the outside and inside, the viscera, the blood and qi of human body into a whole. In the inside, it connects five viscera and six bowels, and in the outside, it meets with extremities and nine orifices. So it was said in "The Yellow Emperor's Canon of Internal Medicine" that "we have to know that meridian can decide your life and death by

removing diseases and regulating deficiency and excess ”.Among the usages of Pressure-Lowering Device, the most important and frequently used is the head combing. It is based on the theory of: Head is the dominator of the whole body, a place where every Yang gathered and one hundreds of channels and vessels going through. Head superintends each Yang. The du channel at middle line of head goes across more than 10 important acupuncture points such as Baihui. Nearly 50 points are distributed throughout the head. The both hands opposite holding methods is closely related with the Three yang Channels of hand, which starts from three yang channels of hand at index finger and meets with du channel at dachui point; shaoyang of hand starts from third finger; taiyang of hand starts from little finger.Three yang channels of hand are connected with superior cervical sympathetic nerve ganglion and are directly related to the pressure receptor that is adjusted through the wall of sinus arteriae carotidis internaе. Such-and-such, it is obvious that the designer has shown his originality in designing this device.

Tiens Pressure-Lowering Device has been proved through many years of clinical practices in many countries such as Russa, France, Korea, Japan and China that in addition to balance blood pressure (decrease the hypertension and increase the hypotension to normal level), it also can refresh mind, relieve headache and dizziness, control falling off of hair and alopecia, protect hair, relieve arthralgia, toothache (neuro-toothache) and asthma, gastralgia, protect kidney, beneficial to intellectual power, facial beautification, prevent and improve stroke, coronary heart disease, cerebral blood circulation, and enhance memory.

***Comparison of competent products in similar category:**

(Relevant story): Tiens Pressure-Lowering Device, whose original name is Pressure-Lowering Device, is invented and developed by Gao Guijun, the first person in the world who use bioelectricity to lower blood pressure. Tiens Pressure-Lowering Device has been generally recognized by the world as an advanced breakthrough product that put the biomedical theory into practice.

The magic curative effect of Tiens Pressure-Lowering Device has been further tested and accepted by clinical trials conducted in countries with advanced development of electronic technology one after the other and therefore has become into a product for

export. Tiens Pressure-Lowering Device has obtained the endearment and trust of extensive patients and the common people both here and abroad, and is in great demand in medical market with many competitive products of same category. The future development of Tiens Pressure-Lowering Device is promising. The reason that Tien Pressure-Lowering Device can obtain its invincible position in long term selling lies in its scientifically advanced design and structure principle, its transcendent characteristics which is different from other products and its curative effects that has been proved in practices.

1) Achievement reports

Tiens Pressure-Lowering Device has been praised by many foreign friends as “Oriental Magic Device” and “an unbeatable rival against hypertension” since it made its appearance.

In 1995, the National office for prevention and cure of cerebro-vascular disease recommended Tiens Pressure-Lowering Device as an effective measure to prevent and cure hypertension to the whole country;

In 1997, not long after being launched into internal market, Tiens Pressure-Lowering Device was recommended by China Foundation of Consumer Protection as consumer trustworthy product.

2) Prizes obtained

In 1992, won gold award in Beijing International Invention Exhibition;

In 1992, won special award on France International Invention fair;

In 1993, won god award on European Exhibition for New Product Design;

In 1993, won Gold Lion award on Singapore International Exhibition for Invention its design;

In 1994, won gold award in Geneva International Invention Exhibition;

In 1994, won Gold Lion award on Singapore International Exhibition for Invention and its design;

In 1995, won gold cup award in France International Invention Exhibition;

In 2005, was recommended by China Foundation of Consumer Protection as consumer trustworthy product;

In 2005, passed the certification of ISO9000 International Quality Management System.

Nine advantages of Tiens Pressure-Lowering Device

- 1) Compactness: Diameter does not exceed 10cm and can be held with single hand. Both young, middle aged, senior people and children can operate by self-service way.
- 2) Lightweight: Portable and easy for use, without loaded and tedious sensation. Treatment can be finished in easiness.
- 3) Long service life: Use new waterproof and shockproof materials and new technology. The curative effect can last until the therapeutic teeth have been worn away. The service life is longer than 10 years.
- 4) Instant effect: Modulate the balances of Yin and Yang, positive and negative charges in double directions. Lower blood pressure within 3 minutes; refresh mind and relieve headache within 3 minutes; remove electromagnetic radiation caused by using mobile phone within 3 minutes; relieve swollen mass pain caused by muscular strain and falling down within 3 minutes.
- 5) No side effects: Use imperceptible micro-electric current from their own body to treat and balance electric potential by VIC circuit, not the magnetism and electricity. No load is added to body; no interfering on any physiological functions, so no side effects.
- 6) Characteristics of “Five Nos”: No magnetism; no necessary to use external power supply; no necessary to connect external conducting wire; no necessary to align with acupuncture point sedulously; no necessary to have other’s help, you can use at any time and any place by yourself, without limitation. The battery used in device is designed to supply power only for indicators on Pressure-Lowering Device. The indicators are light, indicating that the self-bioelectric circuit has been closed.
- 7) Double directional regulation (also called adaptogen): It not only decreases the hypertension, but also improves the hypotension, regulating blood pressure toward normal value.
- 8) Rapid improvement of hair falling off and alopecia: Permanent use can control hair falling off and alopecia, facilitating scalp blood circulation, improving the nourishing of hair follicle, being favorable to hair growth, hair protection and hair improvement.
- 9) Essential product for healthiness and happiness: Using this device can facilitate

cerebral blood circulation, reduce positive charges at head, improve brain function, and strengthen memory and immunity. Frequently use of this product can prevent hypertension and hypotension; remove the headache and fullness sensation at head caused by using mobile phone; protecting health and beautification.

(Relevant story):

Gao Guijun, the inventor of Tiens Pressure-Lowering Device, graduated from Physical Department of Dongbei Normal University and obtained Bachelor degree of Traditional Chinese Medicine by self-study. For many years, he has been engaged in bioelectric study all along, and finally found the abnormal electric potential phenomenon of patients with hypertension. He insisted on and made a further study on this phenomenon and finally formed a unique pressure-lowering theory that was accepted by academic society. Based on this theory, Gao Guijun dived into it day and night and finally he developed the ear clip type and necklace type pressure-lowering device not necessary to use magnetism and drug between 1987 and 1990, and became the first person in the world who use bioelectric equilibrium theory to treat hypertension and headache. In 1995, he successfully developed Tiens Pressure-Lowering Device and obtained national convention patent. This device is designed with a build-in high technological bionic circuit that can effectively resume electric potential balance of human body. What is more valuable about this device is without any side effects.

It is Tiens Pressure-Lowering Device that first introduces bioelectricity into hypertension treatment field in the world and filled in a gap in bioelectric theory, and won for our country the reputation, also opened a new page for the treatment of hypertension.

Tiens Pressure-Lowering Device has undergone up to 13 years of clinical trial in Russian as well as the countries in Middle East and Southeast and there are more than ten thousand of clinical reports from each country proving that Tiens Pressure-Lowering Device not only can decrease blood pressure within 3-5 minutes, but also can treat various headache, prevent stroke and coronary heart disease. It also can produce good effects in clearing away radiation harmfulness, tonifying the kidney, re-growing hair and beautification.

Eventually Tiens Pressure-Lowering Device passed the strict certification of authoritative organizations from Russian and the countries as well as regions of Middle East and

Southeast. Based on the continuous collection of clinical report, “Tiens Pressure-Lowering Device” was officially changed to “Tiens Human Body Bioelectric Device for Lowering Pressure”.

“Tiens Pressure-Lowering Device has been winning unusual glories internationally since the day it was born”. It has won successively 8 international awards for inventional design: Beijing Gold Award for International Invention, Special Award for International Invention on France International Fair for Invention, Gold award on European (Belgium, Burssels) Exhibition for New Product Design, Switzerland Geneva Gold Award for International Invention, America Gold Cup Award for International Inventional Design, France International Inventional Gold Cup Award (this is a Clinical Medicinal Award), and Singapore “Gold Lion Award” for International Invention. Especially when won “Gold Lion Award” in Singapore, Mr. Gao Jiajun shed teats due to extreme joy when the announcement of “The republic of china go JiaJun” was reverberating with the vigorous national anthem of People’s republic of China. This is not only the pride of investigators in our Tiens, but also the pride of all our Chinese.

In Beijing International Conventional Center, a highest-grade symposium on medical device products in history, “Clinical Research Symposia on Non-drug (bioelectricity) Treatment of Hypertension---news release conference” was held. Wu Jieping, Vice Chairman of National People's Congress, a leading scholar in medicine, Liu lisheng, Chirman of China Hypertension League and Hong shaoguang, a star in National Healthcare Education and a famous expert in cardiovascular disease attended the meeting, highly praised the “clinical effects of Tiens Human Body Bioelectric Device for Lowering Pressure”, and classified it as an medical device with permissive number, its registered number of approval is JYGX (Zhun) 2001, No. 2260012. Just because of this, “Tiens Pressure-Lowering Device” is provided with double functions of Treating and preventing disease. In foreign countries, the “Europe Times” devoted a full page to report “Tiens Pressure-Lowering Device”, and the inventor Gao Jiajun was reputed to be “Oriental Magic Device”. The authoritative magazine of Yuansheng province of Japan “Great Event on Hypertension” listed “Tiens Pressure-Lowering Device” as a permanent preservative version. “China Daily” devoted a full page for Gao Jiajun to make a report on “Trans-century Therapy, Lowering Pressure by Bioelectricity”. China Foundation of

Consumer Protection listed “Tiens Pressure-Lowering Device” as Consumer Trustworthy Product. The inventor was listed officially into “Century Experts of China ” and become into an idol of scientific researchers and can be retrieved through internal and external patents. The theory of “use human body’s bioelectric principle to treat and regulate disease” had been put forward as early as 1978 simultaneously by America, France, Russia, Switzerland and China. This theory is an internally recognized bioelectricity theory. But until today, only “Tiens Pressure-lowering Device” really used this theory in practice and takes the leading position in the world. So Gao Jiajun is known as “the First Person in bioelectric blood pressure-lowering world”.

III. Target customers and Usage method

1. Target customers

- 1) Individuals with hypertension and or unstable pressure: You can use both hands opposite holding method, placing and pressing on heart area, head combing, placing and pressing on various points used in Traditional Chinese Medicine treatment of hypertension. 3-5 minutes each time, and avoid by all means the speaking.
- 2) Patients with coronary heart disease: You’d better put the Pressure-lowering Device at heart area, lasting for 3-5 minutes.
- 3) Patients with nervous headache: Evenly comb head or stand still at ashi point.
- 4) Remove radiation injury: Evenly comb head or stand still at ashi point for 3-5 minutes. The headache caused by radiation can be removed.
- 5) Facial beautification and preventing hair losing: Evenly comb using facial beautification and head combing therapies.
- 6) Relax muscle spasm and alleviate pain: Stand still or massage at painful site or ashi point for 3-5 minutes.
- 7) Muscle strain: Put Tien Pressure-lowering Device on mass area for 3-5 minutes.
- 8) Individuals with kidney deficiency: Patients can perform back scrape therapy by themselves. Place two Tiens Pressure-lowing devices on both sides of

spinal column corresponding to the areas of kidney while guarantee the bioelectric circuit closed. Simultaneously inward spinning is to tonify the kidney, and simultaneously outward spinning is to purge the kidney (purging kidney can cure kidney stone).

9) Young individuals with graying hair: Head combing therapy can control the losing of hair, protect the hair and change the graying hair into black. This method applies to the individuals between 30-60 years with graying hair. Comb three times a day and 3-5 minutes each time.

10) Junior or senior high school students: Combing head for 3-5 minutes each time can strength memory and refresh mind.

2. Usage method:

The major methods of applying Tiens Pressure-lowering device can be summarized as three classes: opposite holding, combing and placing and pressing.

Note that you have to be sure the electric circuit of Tiens Pressure-lowering Device is closed with human body's bioelectric circuit, i.e. the indicator on device lights.

1) Conventional method of application

a. Both hands opposite holding: Spread five fingers of one hand to hold metal ring, naturally fork five fingers of another hand, and then place the pulp side of finger tips respectively on the top of three groups of therapeutic tooth, and oppositely hold for 3-5 minutes after closely contacted. For the treatment of hypertension, the both hands opposite holding method should be used first.

Indications: This method can rapidly regulate the electric potential of impaired arterial muscular parietal cell to remove arterial spasm, dilate blood vessel and reduce blood pressure.

Precautions:

* For special individuals who show slow effect, they can conduct the operation after washing hands with water to enhance electrical conductivity.

* Speaking should be avoided by all means when treat hypertension. Speaking can influence the curative effect and measured blood pressure value. This product is provided with many methods to lower pressure and their efficacies are equal. Patient

can choose one optimally suitable to the treatment of their diseases based on their own conditions.

b. Head combing: Hold the metal ring of Tiens Pressure-lowering Device with single hand, and have the therapeutic tooth closely contacted the scalp. When use, just like combing the hair we do in daily life, comb evenly from the upper to the lower. The frequency is 20-30 times per minute and 2-3 times each day, 3-5 minutes each minute.

Indications:

(1) Patients with hypertension or unstable blood pressure.

(2) Patients with the symptoms of headache and dizziness as well as the students to nourish brain and be beneficial to their intelligent power. Relieve headache, dizziness and fresh mind within 3-5 minutes.

(3) Mild and moderate hair losing patients: The losing of hair can be controlled with 3-5 days (alopecia seborrheica). In addition, it can make hair become black, shining, bright and smooth, taking the effect of protecting hair, strengthen hair and beautify hair.

(4) Normal people use: Using pressure-lowering device every day can balance blood pressure, reduce the incidence of cardio-cerebro vascular disease. In addition, it can nourish brain and be beneficial to intelligent power.

c. Placing-and-pressing at heart area: Hold the metal ring of Tiens Pressure-lowering device with one hand and place three groups of therapeutic tooth closely on the skin of heart area.

Indications: The method is indicated for patients with hypertension complicated by angina, stuffy feeling in the chest, and coronary heart disease symptoms. The spasm of coronary artery can be relieved after use for 3-5 minutes. In addition, it can lighten heart burden and decrease blood pressure. You'd better apply the Pressure-lowering device at heart area for 15-20 minutes before sleep each day in order to remove many discomforts of heart area.

d. Placing-and-pressing at wrist area to reduce blood pressure: Hold the metal ring of Tiens Pressure-lowering device with one hand and place three groups of therapeutic

tooth closely on inner pass point of wrist area.

Indications: Same as both hands opposite holding method.

2) Special application (from head to foot in turn)

a. Nervous headache and convulsive hemicrania:

Procedure: Comb head.

b. Remove headache and feeling of fullness in the head:

Method: Hold the metal ring of Pressure-lowering Device with single hand to massage the painful site. It needs just 3 minutes to balance the brain wave and remove the above symptoms.

c. Assistant therapy of stage I and stage II primary hypertension

Procedure: Use any of the conventional methods, and the blood pressure can be balanced if insists n. The drug can be reduced or stopped gradually within 1 month. Note: When use, keep heart calm, and speaking is avoided by all means. Use one method each time.

d. Facial beautification:

Procedure: Hold the therapeutic tooth of Tiens Pressure-lowering device with single hand, and gently touch face using the back of Tiens Pressure-lowering device. Conduct gentle massage on face. Massage at least three times a day and 10 minutes each time. This method can remove facial dead skin within 28 days. The effect of whitening and eliminating wrinkles is obvious.

e. Convulsive asthma:

Procedure: Place the Tiens Pressure-lowering device at lung area.

f. Convulsive cardio-cerebro- diseases and a stuffy feeling in the chest

Procedure: Place the Tiens Pressure-lowering device at heart area and massage using the method for massage cardio-cerebro-area.

g. Stomach convulsion, intestine and duodenum:

Procedure: Stand the Tiens Pressure-lowering device still at affected area or do massage.

h. Take assistant treating effect for swollen calves:

Procedure: Slowly comb using therapeutic tooth of Tiens Pressure-lowering device.

i. Deficiency of the kidney:

Procedure: Place two Tiens Pressure-lowering devices on both sides of spinal column corresponding to the areas of kidney at the same time. Simultaneously inward spinning is to tonify the kidney, and simultaneously outward spinning is to purge the kidney (purging kidney can cure kidney stone).

j. Scrape therapy:

Procedure: Perform scrape therapy on both sides of back using Tiens Pressure-lowering device. It can treat the deficiency of the kidney (inward spinning), hypertension and discharging toxin.

* Note whether the bioelectric circuit is closed or not when use. It is not convenient for user because it has to be performed on back. If need other person to assist, the assistant holds the patient's hand with one hand, and holds the Tiens Pressure-lowering device with another hand to perform scrape therapy on patient's back.

Issues to be awarded of :

There are many methods for the use of Tiens Pressure-Lowering Device. What we should note is for different diseases, we have to chose precisely the point when perform treatment to obtain the effect. For example, the point used to treat different types of hypertension is different. For primary hypertension, you can hit and press renying poit (about 1.5 cun beyond laryngeal prominence, the pulsing area of carotid artery), for severe hypertension, you can hit and press shenshu point at back.