



Brief Introduction of Accupotomology

1. Accupotomology and Accupotome

I. What Is the Accupotomy?

Accupotomy is a new medical system established by combining the basic Chinese traditional medicine and the modern western medicine as a whole and then making innovations based on accupotomology.

The basis of the amalgamation of the Chinese traditional medicine and the western medicine is as follows:

Firstly, both the Chinese traditional medicine and the modern western medicine share the common object of study, namely, the human body. In detail, they both study the hominal physiology, pathology, diagnosis and treatment, etc. Moreover, both of them are in pursuit of the same target, that is, controlling and healing the diseases, making patients' recover to the original healthy state.

Secondly, whether the Chinese traditional medicine or the modern western medicine had played most important parts on the human being's multiplying and health caring. They both have good curative effect. The famous philosopher Hegel had said, what exists are all reasonable. Since the Chinese medicine and the western medicine can go down and develop well up to today, they must worth their existence, and they are required to protect human being's health. It is unadvisable and irrational to negate artificially or emphasize literally either of the two medicines. On the contrary, we should absorb the essential parts from the Chinese traditional medicine and the modern western medicine and integrate them, and then make innovations in virtue of the modern sciences. Thus it's possible as well as absolutely necessary to establish a unified and brand-new medical system.

II. What Is the Accupotome?

Accupotome is a kind of medical instrument for closed surgery. It merges needle's and scalpel's functions into a single whole. We can definite accupotome as such a instrument that when it enters human body it plays needle's role with needle's theory, while after entrance it begins to play scalpel's part during treatment.

To meet different therapy need, different kind of accupotome would be applied. The most common used kind is the flat-blade accupotome. It has three basic types, type-I, type-II and type-III. As for type-I, it has four models base on the different length. They are named I-1, I-2, I-3 and I-4. See Figure 1.

An accupotome consists of handle, body and blade. The handle is about 2 mm. thick, flat,



just like a calabash. The body is columniform with 1mm diameter. The blade is subuliform with a flat tip. The tip is 0.8mm wide and 0.2mm thick.

2. The Four Great Basic Theories of Accupotomology

There are four basic theories in acupotomology: theory of closed surgery; etiology and pathology of chronic soft tissue injuries; etiological theory of hyperosteogeny and the theory of the nature of Meridian system.

Theory of closed surgery

The theory of closed surgery consists of eight major parts, which make closed surgery an operational technique.

In the past years, many medical experts all over the world had tried to invent a kind of more effective closed surgery with less trauma and less pain, such as endoscopic surgery, injection surgery, keyhole surgery, etc. However, all these surgeries cannot take the place of modern surgery because most of them can only cure a few kinds of diseases, and the effects are not satisfying. The key reason for this limitation is that these surgeries are based on the theory of open surgery; and there is no theory for closed surgery at all.

The English word "operation" means "open" to operate. That is to say, surgery cannot be done without "open", and "open" is the first requirement for a surgery. The textbook of surgery said: "as for the scope in the surgery, the clearer, the better", how can this be true if not opened?

There is a set of basic theories and operational techniques for open surgery, such as anesthesia, hemostasis, resuscitation, aseptic manipulation, anti-shock transfusion and integrated basic theories of physiology and anatomy. All these techniques and theories are for the use of open surgery and may not be taken directly into closed surgery without adaptation.

Actually, these techniques and theories do not fit for closed surgery. Closed surgery has to build up its own operational techniques and basic theories. This has been accomplished by acupotomology; and this is why acupotomology was well developed and achieved. This set of theories includes microanatomy, steoroanatomy, dynamic anatomy, body surface location, acupotome entering method in closed surgery, operational route in closed surgery, methods in closed surgery and the tool for closed surgery-----acupotome.

New theories in etiology and pathology of chronic soft tissue injuries

For years, the etiology of chronic soft tissue injuries had been discussed, and nine



different theories had been advanced, such as aseptic inflammation hypothesis, gate-control theory, stimulation center hypothesis, etc. These hypotheses disclosed the pathological process of chronic soft tissue injuries from different angles, but none of them answered the key question of chronic soft tissue injuries-----the real cause of the disease.

A new theory was advanced in acupotomy that the disorder of dynamic balance is the No.1 pathological mechanism for chronic soft tissue injuries.

A major physiological characteristic of soft tissue is action. Moving is its basic instinct; moving is absolute, not relative. No matter ill or not, moving exists. So the research on their pathological changes could not be carried out independently and statically. The only correct way of such research is to consider the pathological changes in a dynamic environment. Only in this way, could the nature of such diseases being disclosed. Then, what is the disorder of dynamic balance?

Balance means actions under the control of life activities; within the confinement of time and space; and within certain quantity and range. Dynamic means the external active state of human body and the internal active state of human organs and tissues. In a word: The free active state of human organs within the permission of life activities and certain time and space is called "dynamic balance", otherwise, "disorder of dynamic balance".

Disorder of dynamic balance is the general idea for etiology and pathology of chronic soft tissue injuries; it is the basic and the most important cause of such diseases. No matter which kind of chronic soft tissue injury diseases we faced, we can always cure them by restoring the dynamic balance. The four main pathological factors that cause disorder of dynamic balance are: adhesion, cicatrix, contracture, and block. The clearance of these pathological factors is required for effective restoring of dynamic balance.

The direct reason for these four major pathological changes is injury. There are many different kinds of injuries:

(1) Violent injury (2) Cumulative injury (3) Emotional injury (4) Concealed injury (5) Fatigue injury (6) Invasive injury (7) Human body self-gravitational injury (8) Surgical injury (9) Pathological injury (10) Environmental injury (11) Functional injury

Repair

Injury tissue cells broke---exudation---edema

Repair activity overwhelmed reinjury---recover

Blood vessels broke---bleeding---hematoma

Repair activity weaker than reinjury---bad repair cause adhesion, cicatrix, contracture, and block ---result in disorder of dynamic balance



This will result in the loss of free stretch and sliding ability of muscle or other tissues, and therein limit the normal flow of blood and body fluid inside soft tissues. Other than the limitation of these mechanical movements, self-protective brake of human body is another aspect. Acupotome can cut and detach the adhesive, cicatricial and contracted abnormal tissues, remove clog and restore dynamic balance with almost no trauma. This is where the miracle of acupotome resides.

Examples: L3 transverse process syndrome; scapulohumeral peri-arthritis (control: before and after treatment); lumbar spondylolisthesis

New etiological theory of hyperosteogeny

Hyperosteogeny is a global difficult disease; it has a pretty high incidence in middle aged and senior people. Medical organizations all over the world had made a lot of research in the cause of the disease and preliminarily conclude that the cause of hyperosteogeny is retrograde affection.

Retrograde affection is a kind of aging, which was considered as an irreversible natural law. So hyperosteogeny could not be cured because aging is irreversible. Is this the truth? Acupotomology gave the answer: No! Disorder of human internal force balance is the real reason for hyperosteogeny!

There are 3 essential elements of force: magnitude, direction and application point; these 3 elements coexist at all time. Forces could be various and complicated, but all the complicated forces inside human body could be divided into 3 categories: pulling force, pressure and tension; and there exists the respective stresses: pulling stress, compressive stress and tensile stress.

Figure 1. Pulling force and pulling stress Figure 2. Pressure and compressive stress
Figure 3. Tension and tensile stress

When bone joints and the attached soft tissues were injured, the minor shift of joints may happen, and then the contracture and shortening of muscle and ligaments will cause disorder of force balance and therefore result in high stress, which cause hyperosteogeny to occur. So hyperosteogeny is the result of counter regulation by human self-regulation mechanism. To some extent, it has a protective effect on our body and the method of spur excision is not an answer for the disease. Using chemicals to clean the spurs is not a good idea either. If the chemical works, it would also clean our bones away, because the chemical nature of spur is nothing but bone. The key point in hyperosteogeny treatment is the adjustment of force balance. After the abnormal force and high stress being released, hyperosteogeny will sure be cured, and the hyperplastic bone could disappear automatically.



Just like the calluses on our hands formed from the abrasion in labor. Calluses could protect the blood vessels and nerves in our hands from being hurt, and no one regards them as disease. After you stopped labor for a period of time (there is no more abrasion), callus will disappear automatically.

Examples: ① calcaneal spur treatment, ② knee joint osteoarthritis

Theory of the nature of Meridian

Through acupotomological research, we found that a huge physiological route system exists inside human body. The mainline are exactly the same as described in traditional Chinese medicine as Meridian system.

Since the time is limited, I can just give a very brief introduction. If you are interested in the topic, we can discuss sometime else.

3. Accupotomology's Advantages

Accupotomology have realized five great changes that from incurable to curable, from difficult and painful treatment to easy and painless treatment, from traumatic treatment to non-traumatic treatment.

So, the accupotomology has many advantages, such as instant effects, easy performance, less pain and low cost, high cure rate, etc.

Take some cervical osteohyperplasia for example. It need about 2 to 3 months' hospitalization to recover by surgery. The patient usually need suffer operations' hurt and pain. And it cost about 30 to 50 thousands Yuan. While with accupotomology therapy, it only needs 2 to 3 weeks to recover without operations' suffering. And the cost is just 3 to 5 thousand Yuan.

4. Historical Background And Significance of the Naissance of Accupotomology

When the western modern medicine was faced with lots of challenges on treatment and got puzzled, and simultaneously the Chinese traditional medicine was badly in need of realizing its own modernization, Professor Zhu Hanzhang, the founder of the accupotomology, took on such a heavy task. Thanks to his hard work on both kinds of medicines, he had great attainments on both the western medicine and the Chinese traditional medicine, especially the latter since he was born in hometown of the Chinese traditional medicine and began learning medicine at his early age. By studying and comparing the western and the eastern cultures, he got a high level of understanding about the two kinds of medicines. He integrated the two medicines and made innovations. At last, a brand-new medicine system-accupotomology was established.

I. Historical Background of the Naissance of Accupotomology



a. The western medicine's puzzles: In the 16th century, as the Renaissance Times arrived, the mathematical philosophy became the most typical western philosophy. The founders of this mathematical philosophy, such as Newton, Galileo, etc. are also great natural scientists. The typical character of this philosophy is thinking in images. This made of thinking directly affected science, culture, art and politics, and thus promoted the western civilization's rapid progress. Then the western medicine system established. So, the western medicine undoubtedly derived from the thinking in images.

After the foundation of both medical and surgical theoretic bases established, the western medicine had made rapid progress and got great achievements in the following hundreds of years. However, many problems such as the antibiotic drug resistance and side effect posed together. In fact, though we can not know precisely now but it is certain that many chemicals' potential side effect is seriously imperiling human being. Take tetracycline for example, it made lots of people get tetracycline-teeth. Suppose what the tetracycline damages is not teeth but other important organ such as heart, brain, the consequences would be too ghastly to contemplate and even disastrous. As for the surgical disadvantages, we can see that operative applications and sequelae occurring rate is very high, which made surgical operations more and more unacceptable. In summary, how to solve these problems is difficult for modern medical workers.

Accupotomology fully applies the essential thought of Chinese traditional medicine to the western medicine from theories to practices, which makes the modern western medicine step into a brand-new historical stage. Accupotomology gets rid of the western medicine's shortcomings and maintains its strong points, develops its advantages as fully as possible. Such a tiny accupotome, with a blade only 0.8mm wide and 0.2mm thick, turns some traumatic open surgery into non-traumatic closed surgery successfully.

2. The oriental medicine to be modernized

The oriental medicine, mainly the traditional Chinese medicine, is very complex and have existed for thousands of years, playing a very important role in protecting human being's health. As it was created under the orient culture background, the oriental medicine accordingly has quite a different way of thinking from that of the western. The traditional Chinese medicine could be seen as a result of abstract thinking.

Now that the traditional Chinese medicine is full of all kinds of abstract concluding and inexact descriptions, most of which still are difficult to understand from the point of modern science, it urgently need modern scientific theories to illustrate and analyze. But is the modernization of the traditional Chinese medicine possible? The answer is yes. Just because the traditional Chinese medicine has its own theoretical system and satisfactory clinical effect, all of which are scientific elements to some extent, it can survive thousands of years. The main reason separate the traditional Chinese medicine from modern western medicine is because that when our ancestors founded it with methods



of abstract thinking, which add confusing "coat" on it. ? In addition, there were no modern scientific fruits like today for the ancestors to learn from two thousands years ago.

In a word, the traditional Chinese medicine, the representative of oriental medicine, need to be and can be modernized by modern scientific knowledge and methods to achieve further development and a better understanding by people all over the world.

One of the important objects of Acupotomy is to realize the modernization of the traditional Chinese medicine, especially on fundamental theory. Our research on modernization of traditional Chinese medicine can satisfy both history demands and the natural request of our generation.

II. The Historical Significance of Accupotomy

- a. It indicates that the great cultures' integration age has been arrived.
- b. It shows the modern medicines' development direction.
- c. With its help, we find out that real pathogeny for many diseases and get breakthrough in diagnosis and treatment.
- d. It strengthens human being's ability in diseases' treatment, improves the curative effect, lessens the pain and lowers the cost.

As more and more people learn of and benefit from this brand-new therapy, I believe that accupotomy would become one of world medicines' mainstream in recent future.

Cui Xiufang 2003-6-17

from: www.zhendao.net