Five Zang-organs Harmonize Pitch

How the lost theory and technology of Huang Di Nei Jing can be applied to the modern clinical treatment

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The phrase “Five Organs Harmonize Pitch” is from Su Wen Chapter 10 of Huang Di Nei Jing which states that five Organs harmonize pitch can be realized.

The theory of Five Organs Harmonize Pitch considers that the five organs: spleen, lung, liver, heart and kidney, each provide a pitch, or musical vibration. The five organs are relative to the five pitches of Chinese traditional music, Gong(do), Shang(rei), Jiao(mi), Zi(sou) and Yu(la). The five musical scales are the five pitches of the ancient Chinese five-tone scale and also relative to the five elements, earth, gold, wood, fire and water. These five elements and Ying-Yang are the important fundamentals of Traditional Chinese Medicine.

There are three diagnostic methods of Traditional Chinese Medicine, to feel the pulse by touch, to observe the complexion by sight and to hear the voice by the sound.

Professor Jim Gimzewski, a leader in international nanotechnology from the University of California, Los Angeles (UCLA), created the sonocytology in 2002. He found changes in vibratory frequency on the yeast cell wall from its growth to death. The vibratory frequency would also change when the cells were stimulated by alcohol or had developed into the malignant phase. The study was published in Science 2004.

Professor Gimzewski also found the vibratory frequency of the cells were in the range of human sound from 20 Hz to 20000 Hz and the amplitudes were too small for human hearing. The students and the colleagues of Professor Gimzewski had recorded the sound and amplified them. One can hear the sound of living cells by going to a concert, “The Dark Side of the Cell” in Los Angeles.

The revolution significance of the sonocytology consists of the finding that one will be able to listen to the disease before the cell becomes pathological rather than observe it under the microscope when its pathology is built.
There are important egregious consistencies between the modern sonocytology and Five Organs Harmonize Pitch of Huang Di Nei Jing.

1. Organisms can produce different vibratory frequencies according to their existence and health.
2. One is able to hear the pitch, i.e. the different vibratory frequency.
3. One is able to diagnose the health of the organisms through detecting their different vibratory frequencies, or their sound.

Huang Di Nei Jing not only pointed out the relationship between the Organs and pitch, but also indicated the way which meridians and diet should be conditioned according to the pitch change.

As mentioned above, we can truly comprehend the theory of Five Organs Harmonize Pitch from Huang Di Nei Jing by applying modern high technology to replace the human ear for clinical diagnosis.

In fact, the theory and technology of Five Organs Harmonize Pitch have been clinically studied and applied in an affiliated hospital of the Second Military Medical University in Shanghai since August 2003. There is an important clinical significance that acupuncture treatment and diet management for patients has been based on the patient's pitch change. This is according to the theory of Huang Di Nei Jing. This study emphasizes the practice of no pain, no damage and no side effects to the examinees. The nurses will collect the pitches from the examinees by microphone.

The statistical study from the data of Five Organs Harmonize Pitch clinical examination in Shanghai shows that:

1. The kidney is very important for the male and according to the theory of Huang Di Nei Jing, the kidney is the essence of life for men.
2. The liver is very important for female sexual maturity. According to the theory of Ye Tian Shi, a famous doctor from the Qing Dynasty, the liver is the essence of life for women.
3. The vibratory frequency changed from the kidney pitch into the liver pitch in the elderly with cholelithiasis, in accordance with Huang Di Nei Jing's theory that the liver and the gall bladder are a pair of complementary organs.

The theory and technology of Five Organs Harmonize Pitch from Huang Di Nei Jing are critical in Traditional Chinese Medicine. The technology supplies a modern detective method similar to the electrocardiogram and electroencephalogram. It will also supply a scientific standard for acupuncture treatment and diet management for Traditional Chinese Medicine.

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