



<https://pulse-academy.com/>

E-mail: pulseacademy@yahoo.com

Manage health through Voice Analysis

(User's Manual on September 23, 2023)

Introduction

It is known from physics that wave motion transfers energy, and in fact, the existence of energy without oscillatory motion is impossible.

A living organism, as a resonance system, utilizes fluctuations in the external environment to obtain the energy required for biochemical reactions. In this sense, the food we consume carries vibrations of a specific spectrum, which become apparent during oxidative reactions that have an impulsive explosive nature.

These oxidative microexplosions generate waves of energy movement, which, like converging streams, merge in the body's time and space to create a powerful river flow in the form of the body's pulse.

Traditional Chinese medicine recognizes that a person's pulse contains significant information about the body's condition. From a physical standpoint, this can be explained by the presence of specific frequencies and cyclic processes in each part of the body. These intricate processes must be finely coordinated to maintain equilibrium in the constant flow of countless biochemical reactions.

Over billions of years of evolution, the body has learned to utilize regular fluctuations in the external environment as tuning forks to tune and harmonize all its parts.

The Doppler effect, occurring as a planet rotates within a stream of electromagnetic waves in space, creates a unique frequency profile of the Earth's external environment. This frequency profile is coordinated with the precision of an atomic clock, similar to the daily cycle with its instability of only 0.00004 sec per day.

Publications detailing the formation model of the Earth's vibrational matrix can be found at the links below:

<https://www.researchgate.net/publication/309956054>

<https://www.researchgate.net/publication/335061804>

By itself, the Doppler effect creates an almost ideal cyclical harmony to which all living organisms on the planet have adapted through long-term natural selection.

Through coexistence in resonance with external rhythms, a living organism gains an absolute advantage due to the constant energizing of vibrations in its biological electromagnetic circuits.

That is why we can determine the state of an organism by the voice, calculating the mutual harmony of vibrations produced by the human vocal cords (which unavoidably resonate with the whole body).

Physically, the entire spectrum of vibrations is grouped into 12 segments, which generate a state of electromagnetic tension at any point in three-dimensional space (6 segments work in the compression process caused by the environment, while the other 6 produce a reaction to this compression).

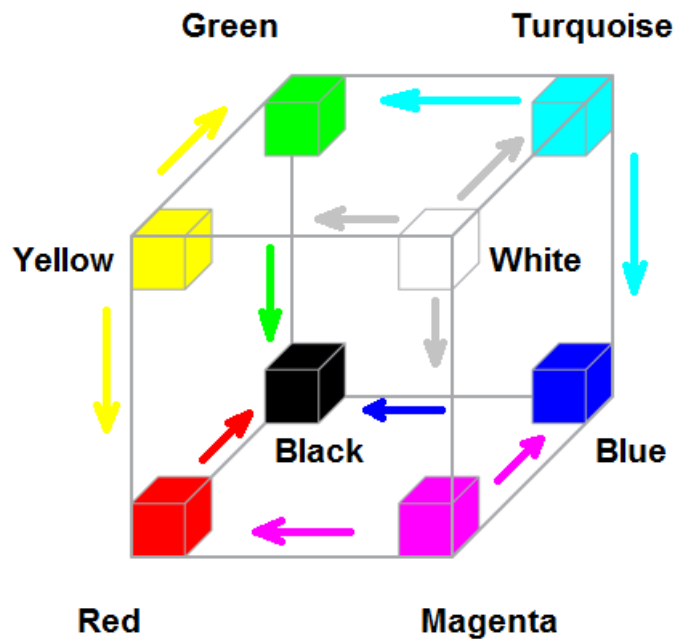
Chinese traditional medicine sources have postulated this quality of vibrational spectra, dividing acupuncture meridians into two groups of 6 centripetal and 6 centrifugal channels for the movement of Qi (Chi) energy.

Each meridian possesses a specific frequency spectrum and provides vibrational energy to the corresponding functional system. In the body, any process is a combination of the activity of the 12 meridians during each biorhythm cycle. Therefore, the mutual balance and harmony of the meridians are of great importance.

Deviation from harmonious ratios leads to the body entering a phase of illness and destruction. This physiological reflection manifests as imbalances in regenerative and oxidative processes of cellular structures (perturbation in the energy proportions between anabolism and catabolism). The characteristics of electric charges in fluids and tissues become distorted.

Cubic model of energy movement

1. In three-dimensional space, energy transfer occurs based on the principle of the RGB cube, which is commonly used in color synthesis technology. In this cube, the normalized frequencies of Red, Green, and Blue represent the elementary components of RGB space:



The transfer of energy (which can only be transmitted through vibrations) in an ideal RGB cube is carried out from a White point (the energy source - star) to a Black point (the energy absorber - black hole).

When there is an excess of energy at a White point, a burst of energy (described by the Dirac delta function) activates oscillators in space, simultaneously transmitting energy in three mutually orthogonal directions - to the Yellow, Purple, and Blue points of the elementary cube.

Subsequently, the Purple and Yellow colors create vibrations at the Red color point, the Yellow and Cyan colors at the Green color point, and the Purple and Cyan colors at the Blue color point. Finally, the Blue, Green, and Red points combine their vibrational energies at the Black point.

Thus, to transmit energy in space, 12 types of oscillators are necessary and sufficient. These oscillators must be harmonious in terms of frequency of the transmitted vibrations, just like the edges of an RGB cube. It is this principle of transferring vibrational energy (Qi, Chi) that underlies the physical theory of traditional Chinese medicine, which posits the existence of exactly 12 main meridians.

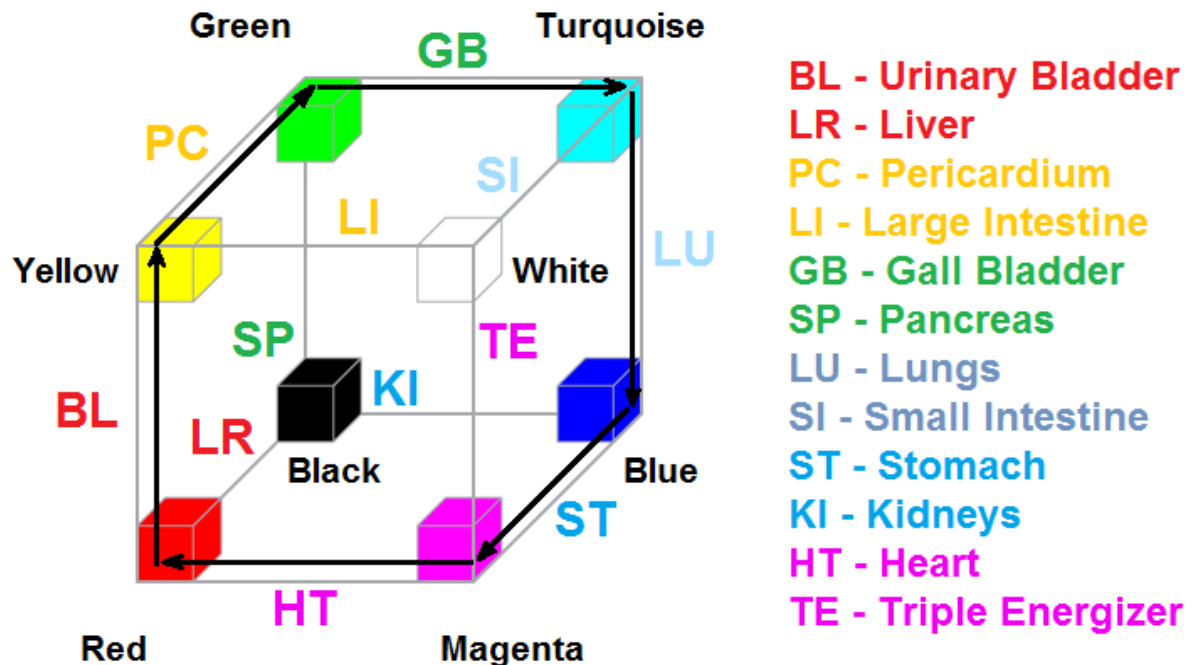
2. The reality of the operational principles of the RGB cube in terms of oscillation energy transfer is evident in the formation of frozen water as snowflakes. Snowflakes condense precisely along the projections of the cube's faces onto a plane. In this case, the projection plane is perpendicular to the direction of energy movement, conventionally from white to black.



3. Another piece of evidence supporting the validity of the operational model of the RGB cube for oscillation energy transfer is the research conducted to determine the natural frequencies of the meridians. The findings demonstrate that the natural frequencies of the meridians arise as a result of the Doppler effect when an object rotates within the flow of cosmic wind.

https://www.researchgate.net/publication/309956054_The_Elements_of_life

4. By mapping the meridians obtained through studying the Doppler effect onto the edges of the RGB cube, following the principles of color matching, we obtain the following scheme:



Upon closer examination, the following dependencies can be observed in the scheme:

- a. The daily cycle of activity of the centrifugal meridians (the path of closed circulation of energy through the meridians is shown by black arrows) runs along the following way: Heart - Urinary Bladder - Pericardium - Gallbladder - Lungs - Stomach.
- b. Centripetal meridians in the RGB cube form the White Pole (energy source - Small Intestine, Triple Energizer, Large Intestine) and the Black Pole (energy consumer - Kidneys, Liver, Spleen).
- c. Meridians belonging to the same element (according to the traditions of Chinese medicine) form the vibrations of the vertices of the RGB cube:

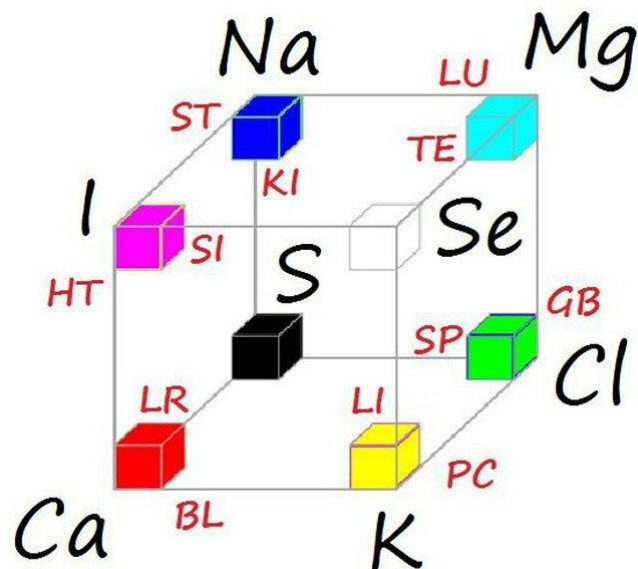
- Wood Element - the magenta end of the Triple Energizer meridian and the yellow end of the Pericardium meridian form the apex of the red vibration.
- Fire Element - the red end of the Liver meridian and the green end of the Gallbladder meridian form the apex of the yellow vibration.
- Earth Element - the yellow end of the Large Intestine meridian and the turquoise end of the Lung meridian form the apex of the green vibration.
- Metal Element - the green end of the Spleen meridian and the blue end of the Stomach meridian form the blue apex.
- Water Element - the turquoise end of the Small Intestine meridian and the magenta end of the Heart meridian form the peak of the blue vibration.
- Fire-Minister Element - the blue end of the Kidney meridian and the red end of the Urinary Bladder meridian form the apex of the magenta vibration.

Biochemical dependencies

The foundation of biochemical plasticity consists of inorganic twin elements (given in grams of body weight in an average person of 70 kg): sodium (100) - potassium (140), magnesium (19) - calcium (1000), selenium (0.015) - sulfur (140), chlorine (95) - iodine (0.00015). These elements exhibit similar chemical properties but act as clear antagonists in biochemical processes.

Dr. Alexander Samokhotsky's systematic approach (dissertation: "Experience in determining therapeutic patterns," Odessa Medical University, 1946) relies on only four elements: calcium, potassium, magnesium, and sodium. A. Samokhotsky treated various diseases with his solutions, irrespective of their origin.

We have incorporated Dr. Samokhotsky's elements along with the vertex points of the RGB cube in the spatial model of acupuncture meridians. Additionally, we have supplemented the remaining vertices with sulfur, selenium, iodine, and chlorine:



By their nature, the 8 minerals can be categorized into groups of **CONDITIONALLY** alkaline and acidic ions. Acidic ions contribute to the release of molecular hydrogen from substrates, while alkaline ions activate the hydroxyl radical.

Acidic ions: Potassium, Magnesium, Iodine, Sulfur.

Alkaline ions: Sodium, Calcium, Chlorine, Selenium.

In terms of the phases of anabolism and catabolism, the 8 minerals can also be divided into two groups:

Anabolic minerals: Potassium, Magnesium, Chlorine, Sulfur.

Catabolic minerals: Sodium, Calcium, Iodine, Selenium.

Thus, it is presumed that the activity of each meridian relies on the concentration of the corresponding elements, similar to the creation of electric potential in a battery. One element of the meridian always carries a positive charge, while the other carries a negative charge.

Below there is a list of correspondences between acupuncture meridians and the primary elements of metabolism:

Note: Elements are represented in accordance with the theory of Doppler origin.

<i>Meridians and their periods of activity</i>	<i>Minerals of Dr. Samokhotsky</i>	<i>Elements</i>
GB – Gall Bladder (23-01)	Hydroxyl (OH-), Chlorine (Cl-) - alkali Magnesium (Mg++) – acid	Yang of Earth
LR – Liver (01-03)	Calcium (Ca++) – alkali Sulphur (S-) – acid	Yin of Wood
LU – Lungs (03-05)	Magnesium (Mg++) – acid Sodium (Na+) – alkali	Yin of Metal
LI – Large Intestine (05-07)	Selenium (Se+) – alkali Potassium (K+) – acid	Yang of Fire
ST - Stomach (07-09)	Sodium (Na+) - alkali Hydrogen (H+), Iodine (I -) – acid	Yang of Water
SP – Pancreas (09-11)	Hydroxyl (OH-), Chlorine (Cl-) - alkali Sulphur (S-) – acid	Yin of Earth
HT – Heart (11-13)	Hydrogen (H+), Iodine (I -) – acid Calcium (Ca++) – alkali	Yin of Fire Minister
SI – Small Intestine (13-15)	Magnesium (Mg++) – acid Selenium (Se+) – alkali	Yang of Metal
BL – Urinary Bladder (15-17)	Calcium (Ca++) – alkali Potassium (K+) – acid	Yang of Wood
KI – Kidneys (17-19)	Sodium (Na+) - alkali Sulphur (S-) – acid	Yin of Water
PC – Pericardium (18-21)	Potassium (K+) – acid Hydroxyl (OH-), Chlorine (Cl-) - alkali	Yin of Fire
TE – Triple Energizer (21-23)	Hydrogen (H+), Iodine (I -) – acid Selenium (Se+) – alkali	Yang of Fire Minister

Voice Analysis Output

The voice analysis system is a complex consisting of a Telegram bot located at: [@TalkingBird_bot](#) and the **OS-Qi-Locker** program for desktop computers or laptops running Windows. The program also works well on Linux using Windows emulation with the Wine program.

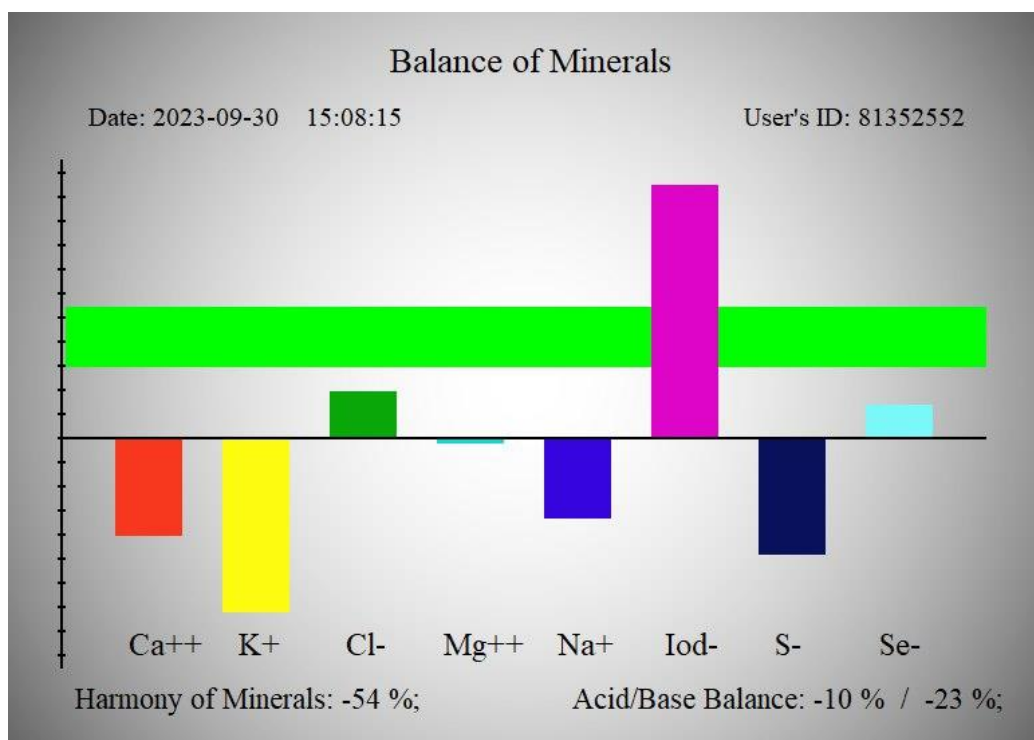
You can download the program for your computer or laptop using the following link:

<https://pulse-academy.org/files/os-qi-locker.exe>

Instructions for using the OS-Qi-Locker program can be found within the program itself, under the "Help" section.

The OS-Qi-Locker program operates based on data received from the Telegram bot. It allows you to maintain a customer database and provides various graphs indicating the balance of acupuncture meridians, main minerals, Sa-Sang balance in Korean traditional medicine, Ayurvedic Tridosha balance, anabolism-catabolism balance, and acid-base balance data.

The @TalkingBird_bot bot enables users to quickly obtain a graph of the main mineral balance and it is designed for convenient self-adjustment in their diet.



The green horizontal bar on the graph represents the ideal level of mineral activity values for the body during a state of calm wakefulness. After waking up, negative deviations from these values may be considered normal for a certain period of time.

Fluctuations and deviations when measured at short intervals have a positive significance, indicating active self-regulation processes within the body.

However, constantly recurring abnormal deviations (particularly negative values during the active daytime period) can pose a danger.

Deviations reflect the overall concentration of the corresponding mineral within the intracellular environment during the cell metabolic cycle.

Positive deviations indicate an intracellular excess of the mineral (ideally falling within the green horizontal stripe). The dominant set of minerals can also offer insights into the shift towards either anabolism or catabolism:

- Potassium, Magnesium, Chlorine, and Sulfur promote anabolism.
- Sodium, Calcium, Iodine, and Selenium enhance catabolism.

When all minerals fall within the green zone, it suggests a balanced distribution of anabolism and catabolism processes, resulting in overall harmony and good health.

To some extent, the acid-base balance numbers (represented by the Acid-Base Balance line below) can provide insight into the balance between anabolism and catabolism. The first number represents the balance of alkaline minerals, while the second represents acidic minerals. In the diagram, we observe an alkalinity indicator of minus 10%, and acidity of minus 23%.

According to the current research paradigm, conditionally acidic minerals are believed to contribute to the release of atomic hydrogen from nutrient substrates. This released hydrogen acts as an electron acceptor, neutralizing the reactivity of free radicals, similar to a sponge absorbing them.

Simultaneously, a positively charged hydrogen ion, having lost an electron, is captured by mitochondria, where it undergoes oxidation and is eventually converted into water. The energy derived from this controlled combustion of hydrogen is utilized in the synthesis of adenosine triphosphoric acid (ATP), the body's universal energy molecule.

ATP ensures the smooth functioning of all biochemical reactions in the body, delivering an appropriate quantum of energy to the right place at the right time. Acidic minerals primarily contribute to anabolic processes.

Alkaline minerals, on the other hand, remove free electrons from their surroundings, thereby increasing the power of free radicals and oxidative processes. Accelerated oxidative processes lead to increased wear and tear of cellular components and can enhance catabolic processes in metabolism.

Hence, the acid-base balance depicted in the above diagram indicates an insufficient presence of acidic ions compared to alkaline ones, suggesting a prevalence of catabolic reactions within metabolism.

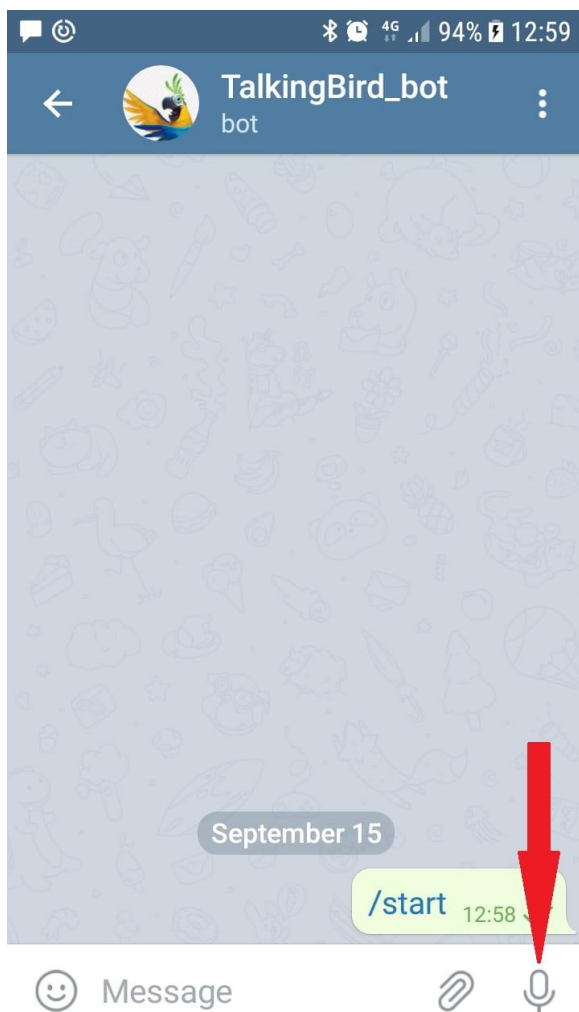
Establishing a mineral balance based on the relationships between minerals and acupuncture meridians allows for the convenient determination of meridian activity. In our case, an excess of iodine and selenium in comparison to other minerals indicates an energy predominance in the Triple Energizer meridian.

Conversely, deficiencies in calcium and potassium would suggest an energy deficiency in the Bladder meridian, while sodium and sulfur deficiencies would point to an energy deficiency in the Kidney meridian.

Furthermore, depending on the degree of mineral imbalance in a particular meridian, the predominance of either Yin (acidic mineral) or Yang (alkaline mineral) can be inferred.

For ease of use and memorization, the robot can provide a cubic diagram of the meridians and minerals at any time by sending the code 111.

How to connect to the voice analysis system and send data



Using voice analysis technology is very simple:

1. Install the Telegram messenger on your smartphone (<https://telegram.org/>)
2. In the search box of the messenger, type the address of the robot **@TalkingBird_bot**
3. Press the microphone button (red arrow in the picture on the left) and speak the sound AR-AR-AR for 5-8 seconds (the voice sample you may listen to the link https://pulse-academy.org/files/voice_sample.wav).

When you're done, remove your finger from the button and the sound file will automatically be sent to the processor of the system. Before sending a voice sample, clear your throat to remove accumulated mucus. Try to be in a calm emotional state and relax as much as possible.

The sound analysis data will come to you as a PNG file, which will display a graph of the mineral balance, as it was shown before.

Limitation of liability:

The data provided should be considered the result of research work, is used at the user's own risk and cannot be relied upon to support claims for damages of any kind. It is recommended that final decisions be made in consultation with officially licensed and certified professionals.