

Anabolism-Catabolism interpretation.

Comparing between western and oriental medicine.

By Sergey Fedotov

Vladivostok
2007

Pulse Academy
Office 513, 58 Partizansky Ave., Vladivostok, 690002, Russia
www.pulse-academy.com, e-mail: pulseacademy@yahoo.com,
Phone 7-4232-452033

All rights reserved. No part of this Manual may be copied without approval of the Pulse Academy.

Western and Oriental medicines have deal with the same object of nature – man’s organism. Nevertheless barriers of misunderstanding have a place between these medicines up to present time

Numerous attempts of adaptation of theories and treatment methods of oriental medicines for western clinics have not reached a success at wide spread practice. Oriental methods in hands of western doctor are not so effective in comparing with his oriental colleague. Oriental doctor observes all, sometimes with very strange recommendations, exactly with each letter of ancient treatises.

Disregard with exact procedures of oriental recommendations by western doctor and fanatical, scrupulousness following the ancient treatises by oriental doctor are, indeed, the sign of ignorance the real nature’s processes in organism.

The Pulse Academy is working over spatial model of energy distribution in the space of the body. In accordance with the model the body has regular phase lattice of energy density. It is almost the same as a metal lattice. Atoms and molecules are not hanged in emptiness, but they are “swimming” in the energy and jumping from one energy knot to another one during their movement in the organism. The whole body is divided into elementary small spaces. Each elementary space has definite peculiarities of energy flows (phase). Our 3 dimensional space allows existence only 12 channels.

Thus, the whole space of the body is filled by elementary small spaces of 12 sorts.

The energy phase in each elementary space dictates CONDITIONS of proceeding chemical reactions. At different conditions (different energy phase) in the space chemical reactions have shift to oxidation or reduction type of reactions (Red Ox potential).

In western medicine metabolic activity of organism consists of two phases: anabolism and catabolism. These two phases of metabolic activity must be equal at quantity of energy they are using. It is also well known fact there are different readings of Red Ox potential accompanies anabolic and catabolic phases. In its turn, the Red Ox potential is associated with pH balance (Power of Hydrogen atoms).

Thus, it is clear the type of metabolism at given place in space of the body depends on energy phase. Balance between anabolic and catabolic elementary spaces also must be observed at high accuracy.

From the point of view of physical processes, anabolic areas are absorbers of energy (there is lack of warmth there), but catabolic areas are radiators of energy (there is excess of warmth there).

If the whole space has unbalance, there is asymmetry between anabolic and catabolic processes. At this case the elementary space (channel) can be at states as follow:

- the state of lack of energy (there is Cold condition from point of view of traditional Chinese medicine or it is anabolic activity from point of view of western medicine);
- the state of excess of energy (there is Heat condition from point of view of traditional Chinese medicine or it is catabolic activity from point of view of western medicine);

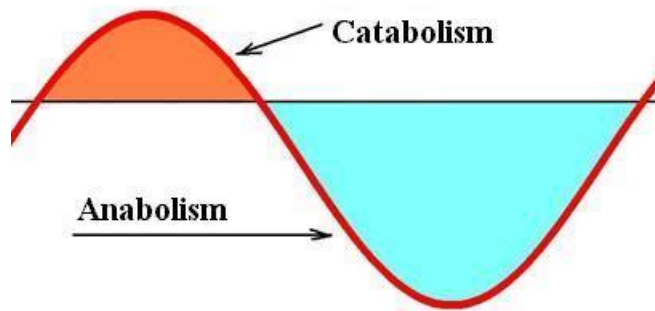


Fig. 1

Anabolic processes prevail over catabolic at Fig. 1. It is Cold of the channel.

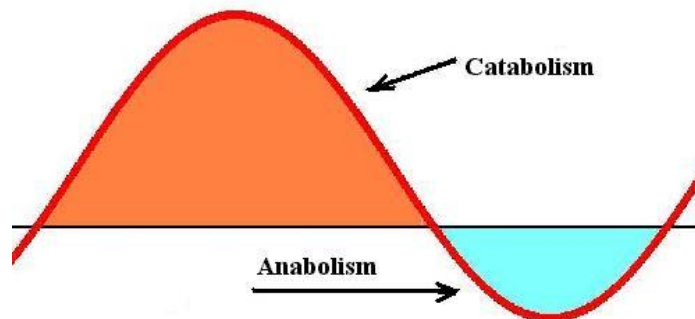


Fig.2

Catabolic processes prevail over anabolic at Fig. 2. It is Heat of the channel.

Besides terms of Cold and Hot in traditional Chinese medicine there are terms of Fullness and Emptiness of energy. As far as power of energy process is determined by quantity of energy involved in cycle of anabolism-catabolism, we can accept the assertion the average level of energy is 1/12 part of sum of energies at all 12 channels.

If there is relative lack of average energy, the both anabolic and catabolic processes proceed limply – a few of nutrients consumption and excretion are in the channel. Inter-cellular liquid is in stagnation. These areas are subjected to invasions of parasites (viruses, bacterias, funguses etc.). These places are deposits of illness.

If there is relative excess of average energy, the both anabolic and catabolic processes proceed actively – a lot of nutrients consumption and excretion are in the channel. Cells at these areas have high protection to external pathogens (external pathogens have low level of damaging energy and can not distort right order of energy flows).

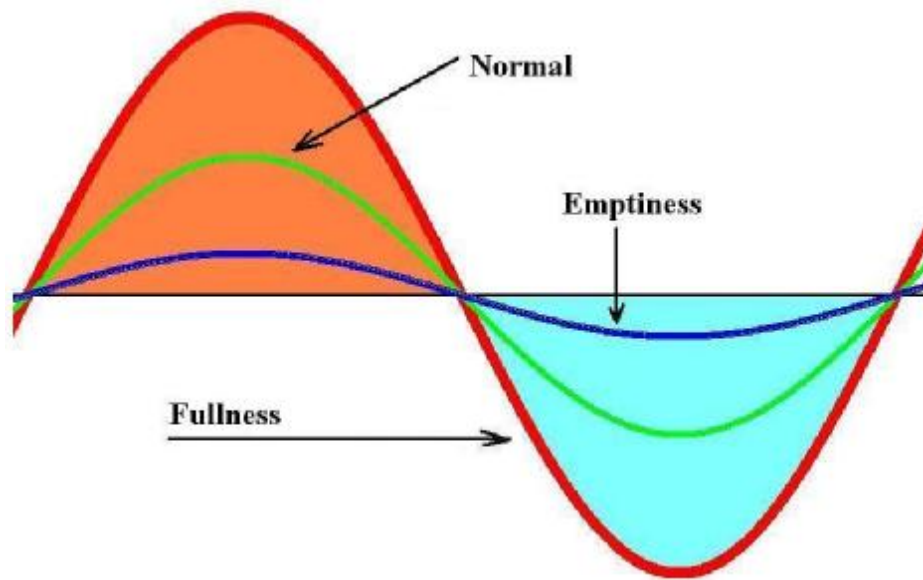


Fig.3

Diagram at Fig. 3 indicates different stage of fullness in the channel.

If we have understanding of Heat-Cold and Fullness-Emptiness terms, it is possible to build the table of pathological conditions of channels:

1. Heat,
2. Cold,
3. Emptiness,
4. Fullness,
5. Heat at Emptiness,
6. Cold at Emptiness,
7. Heat at Fullness,
8. Cold at Fullness,

At reality, the channel can have any of these 8 conditions. The state of the channel is always a reflection of reaction of living organism. But if we observe the SAME condition at the channel during the time, we should be aware the pathology process has a place. **The power of pathology is as high as duration of stability of an appropriate of one of eight conditions.**

Interpretation of readings in the software.

Metabolic Balance: "Balance"

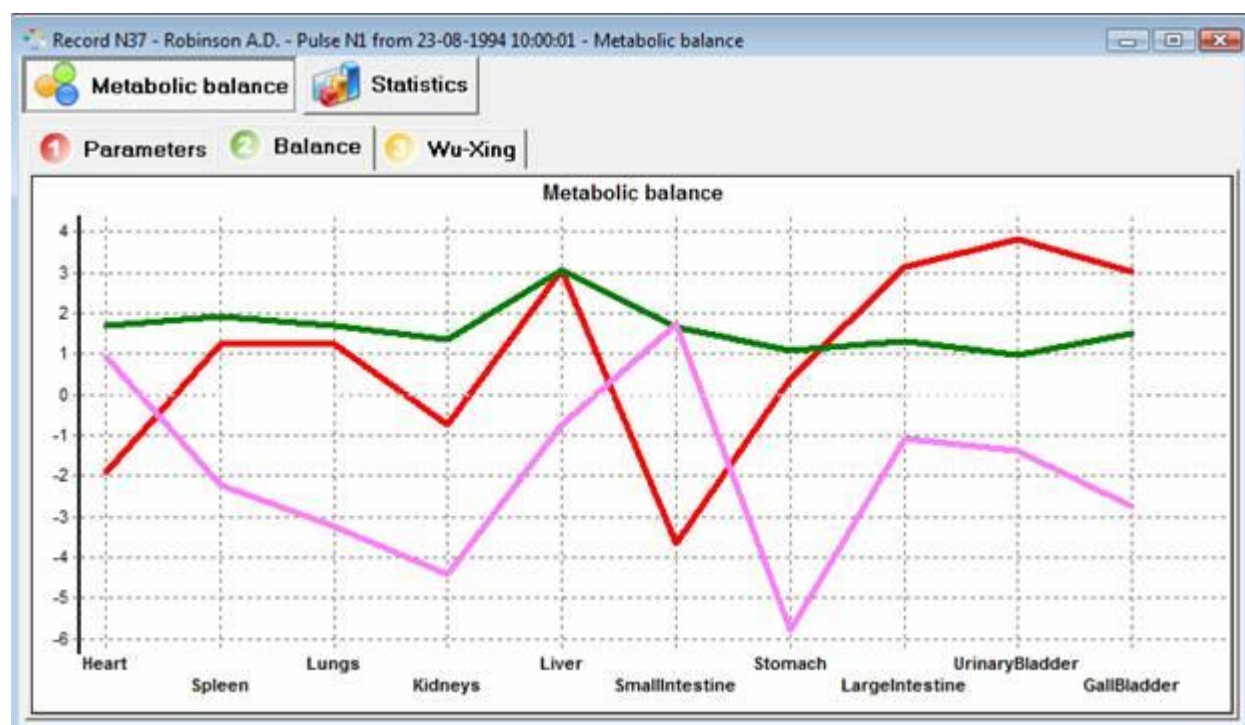


Fig. 1

Diagram "Balance" represents three types of diagrams for each functional system:

1. **Red line** – level of catabolic processes. When there is indication over the zero line, it is prevailing of catabolic activity over anabolic one; and vice versa, indications below the zero line shows prevalent of anabolic activity. At Fig. 1 Urinary Bladder has the highest catabolic activity and Small Intestine the lowest one.
2. **Green line** – level of chaos, this indicator is opposite to positive direction of health vector. At Fig 1, the Liver suffers from lack of order.
3. **Purple line** – level of general energy of anabolic and catabolic processes. This line shows relative quantity of energy. High level means so-called fullness (in traditional Chinese medicine) and low level – emptiness. Another interpretation of this diagram can be information regarding quantity of properly working cells at given functional system. At Fig. 4 Small Intestine has the highest level of energy (fullness), but Stomach has the lowest one (emptiness).

Note: One should understand that it is a very dangerous situation when there is emptiness of energy and prevailing of catabolic activity – degenerative changes of tissues with replacement by new connective tissue takes place. On the other hand, if we have fullness of energy and deep anabolic condition (red line is very lower zero line), we can suspect cancer in this system and uncontrolled grow of cells.