

# ***SCENAR: How It Works***

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**SCENAR** is an acronym, which stands for **Self-Controlled Energo-Neuro-Adaptive Regulation** (Regulator).

In brief, **SCENAR is an adaptive electrical stimulator**. Even though it belongs to the same group of electrotherapy devices as the well known TENS unit (non-invasive low frequency electro-stimulators), the fact that *it adapts to the human body*, instead of making the body adapt to the device (which is the case with TENS), makes it very different. So different, that SCENAR is sometimes compared to a *living system*.

There is a certain merit to this comparison. The main working principle of SCENAR is the same that all living systems use – the principle of *auto-stabilization* based on a **feedback** mechanism. Being placed on the skin, the SCENAR sends electrical signals to the body, which are very similar to the messages our nerves send each other (the shape of the SCENAR signal resembles the shape of a natural neuro-impulse). The body responds to the familiar stimulation in an adaptive manner, changing the electromagnetic properties of the skin in the area of stimulation. The SCENAR then screens that information and, using an adaptive feedback loop, modifies its own signals according to the perceived body response. Thus the SCENAR feedback feature allows opening a dialogue between two systems: the body and the device, which continues until the body completely adapts to the SCENAR stimulation.

In the process of 'the body – the device' dialogue no one SCENAR impulse is identical to the previous one, following the continuous dynamic changes of the body. That prevents the early body adaptation to electrical stimulation – the downfall of the majority of TENS units.

The continual electrical stimulation provides for massive release of certain biochemical substances, called Neuropeptides, or **Regulatory Peptides (RP)**, in the nervous system (in particular, C-type nervous fibers forming most of the autonomic nervous system). The RPs, due to its chemical particularities, represent our body's internal pharmacy of low molecular hormones, which keep us in physiological balance known as the state of health. Serving as a '*packages of programs*', they turn on and off various processes in the body, including healing reactions. Blockage or delay of RP release results in slow or blocked healing. In this state, the body does not finalize the program of disease and keeps it inside in the 'dormant' state like some sort of '**energy cyst**', or the place where energy dynamics is extremely slow.

We all accumulate such 'energy cysts' with age. Some of them develop not only on physical, but also on mental/emotional or even spiritual levels. As stagnant 'energy cysts' emit repetitive signals, our body soon adapts to them and stops paying attention, merely keeping them in isolation behind the protective barriers of local adaptive reactions. The 'energy cysts' deplete our energy resources, making it progressively more difficult for us to heal, and can be a 'time bomb' if our body for one reason or another weakens. The challenging SCENAR influence and the SCENAR-induced release of Regulatory Peptides in large quantities break the stability and rigidity of unfinished programs of diseases, helping the body develop, finalize, and eventually eliminate them from our cellular memory.

In other words, SCENAR in interaction with the body helps it complete its adaptive reactions. From a SCENAR point of view, any **disease is an inadequate (too slow) adaptive reaction**. That means that disease is not an unwanted and dangerous stranger for us; it is natural and even necessary for the body process, which makes us stronger and helps us grow. Healing starts with disease.

We live in the *world of systems*. This is the way the Universe is organized. We consist of them – and become a part of them. The Universe itself is the largest living system, holographically repeating itself in its every part, so that the atom looks just like the Solar system. As far as information is concerned, the *size does not matter*. Our body's intelligence reflects the universal cosmic knowledge at all times, and the only question is how we can evoke this knowledge and make it work for us.

All living systems have similar basic structure and work in a similar manner - a microcosm reflecting the macrocosm. They are *self-controlling, self-regulative, and self-reproductive* and utilize the feedback mechanism for auto-stabilization. Systems keep the stability of internal environment (homeostasis) while exchange substance, energy and information with the ever-changing outside world in a constant fashion. The coherent state of balance between inner and outer worlds is achieved through **adaptation**.

Adaptation keeps us alive and coherent, attuned to the world, which ensures the state of health. If adaptation is inefficient and slow, homeostasis is affected and we get sick. From this point of view, disease is a slow adaptive reaction. By helping adaptation, we help the system restore homeostasis and regain health. In the process of doing it, the system matures and evolves.

Adaptation depends on **communication**. Fast communication between various bodily structures ensures the efficiency of adaptation. SCENAR, providing for the massive release of Regulatory Peptides as *messenger molecules*, quickly improves information exchange in the body, which results in dramatic acceleration of adaptive reactions. This pushes forward the cyclical program of disease and provides conditions for its completion. SCENAR assists the body in recognizing the existence of 'energetic cysts', in establishing priorities in their elimination and in dealing with them one by one, until all the programs running on the background of the body's computer are closed.

The healing process continues until this is achieved, and the body energy resources are free from stagnation and blockages. The body restores its coherent state, being synchronized with the bigger systems, which it is a part of. It is now 'at peace with itself and with the world'. In this healthy state adaptation works with maximum efficiency and new challenges are easily dealt with, either they are of physical or mental/emotional or even spiritual nature. SCENAR is a truly holistic technology.