Theory of Chronic Back Pain

Clinical approach

In the early 90th we already showed in high resolution videomicroscopic cellular oscillations depending from the physico-chemical environment. If cells get stressed, they contract. Relaxation is dependent from metabolism and "logistics" of the cells.

Rhythms and Pulsations Estimate Life

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Biology ( Structure, Cybernetics, non linear thermodynamics,

Rhythmic order with Macroscopic organization

Cell activity 

Orthostatic collapse

injury

Cellular depolarisation

Muscle cell hardening

Relaxation

Re-polarisation

Cellular tremor

Resting state

Relaxation

Microextension therapy: Distinct segmental muscular -/ especially the skeletal muscles

Compression

Pain

Compression

As rhythm of the skeletal muscle and the brain rhythm are synchronized inside the organism. Both rhythms are dependent from the physico-chemical environment. The brain rhythm is growing out of the skeletal muscle rhythm. It is the cooperation of both rhythms which decides if one produces the so far neglected time-structure (time-pattern) of the organism is directly used as order parameter for the treatment. As rhythm of the skeletal muscle and brain rhythm are connected by the "frequency-window" of homeostasis. It is also the physical rhythm which opens and operates the new field of vibrational and regenerative medicine.

Practical Conclusion

After following this dynamic approach we developed the mainstram of modern Medicine - Matrix-Rhythm Therapy. "Matrix Therapy", a "Rhythmic Micro-Extension Technique". The treatment device turns the injury mode into rescue mode by entrainment. For the first time the so far neglected time-structure (time-pattern) of the organism is directly used as order parameter for the treatment. As rhythm of the skeletal muscle and brain rhythm are connected by the "frequency-window" of homeostasis. It is also the physical rhythm which opens and operates the new field of vibrational and regenerative medicine.