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*School professors Vladimir Makats (Ukraine).
Initial course of remote training of doctors
on a problem: "Functional biodiagnostics and
Correction of vegetative infringements at children".*

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76.29.47-pediatrics; 76.35.35-rehabilitation;
76.35.49-alternative medicine;

*... According to recommendations the CART of one of
bases of medicine at the present stage should become
electro diagnostics on points of acupuncture and reflex-
otherapy ... [the International meeting the CART on
traditional medicine. Yerevan, 19-20.09.2003].*

**IS FUNCTIONAL-VEGETATIVE SYSTEM OF THE PERSON.
REACTIONS OF FUNCTIONAL SYSTEMS TO EXCITATION AND OP-
PRESSION OF CHANNELS TRADITIONAL CHZHEN-TSZJU THERAPIES
(message-8).**

Makats V.G.

Vinnitsa branch of the State enterprise of scientific research institute of medicine of transport of
Ministry of Health of Ukraine (the cooperating center the WHO).

21036, Ukraine, Vinnitsa, Revolutionary 26/3, dr.makats@yandex.ru dr.makats@i.ua

The resume. Reactions of separate functional systems to change of activity of different chan-
nels of traditional Chzhen-tszju of therapy are resulted. Identification of system dependence speci-
fies in necessity of detailed studying of a phenomenon.

Keywords. Is functional-vegetative system of the person, system dependence.

The short preface. Problem lecture "... To Reaction of functional systems to excitation and
oppression of channels of traditional Chzhen-tszju of therapy" is devoted the unknown person before
Is functional-vegetative system of the person (FVS) and is a fragment of proofs of its biophysical re-
ality. In lecture following designations of channels of the acupuncture (meridians) which traditional
name is presented today by concept about interdependent functional systems are used: LU - lungs;
LI - thick intestines; ST - a stomach; SP - a spleen (pancreas); HT - heart; SI - small intestines; BL -
a bladder; KI - kidneys; a PC pericardium; TE - a threefold heater (lymphatic system); GB - a gall
bladder and LR - a liver. Analogs the presented experimental materials aren't present.

Research objective - the information of the scientific and medical public on the unknown
person before Is functional-vegetative system of the person. Open phenomena confirm a biophysical
reality acupuncture channels (meridians) of traditional Chzhen-tszju of therapy, its system character
and the direct relation to a vegetative homeostasis. Biophysical audit of traditional positions speci-
fies in a number of theoretical and practical errors that demands additional specialization of experts
and corresponding correction of curriculums.

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Materials and research methods. Supervision over functional (vegetative) health of the children's population of Ukraine were spent under the Program "System of two stages of rehabilitation of vegetative infringements at children living in a zone of radiating control of Ukraine" (Commissions of the Cabinet of Ukraine №1861/4 and №12010/87)" on the basis of an original method of vegetative biodiagnostics (on V.Makats) [1-2; 4-9; 15-16]. Its methodology is proved by unknown earlier biophysical phenomena, has original standard base and is characterized by comparability of the received results at repeated researches. Under the Program it is surveyed more than 18.000 children of a different floor and age.

Results of research and their discussion. The biophysics testifies that the directed activity of separate functional systems directly depends on excitation of other channels. The following logic conclusion from here arises: each functional system should react to excitation and oppression of dependent channels specifically opposite. The question is interesting, whether but so it? The answer to it is obviously important, for in case of acknowledgement P.Anokhin's hypothesis about functionally dependent circles receives the new biophysical proof, and in our case – confirms a biophysical reality of open Is functional-vegetative system.

As an example we will consider functional dependence of channel LU (Lungs) on excitation and oppression of other systems (fig. 1a). The resulted histograms unequivocally testify to synchronously opposite dynamics of bioelectric activity of channel LU on excitation and oppression of other functional systems. So, if excitation of channel BL (Bladder) is accompanied by the expressed oppression of functional system LU (Lungs) its oppression, on the contrary, is accompanied by its excitation (fig. 1a) ... the Revealed laws allow to consider further problems of system dependence only on excitation of separate channels for their oppression it is always accompanied by opposite reactions ...

Reaction of separate systems to excitation and oppression of other channels (fig. 1 a-l).

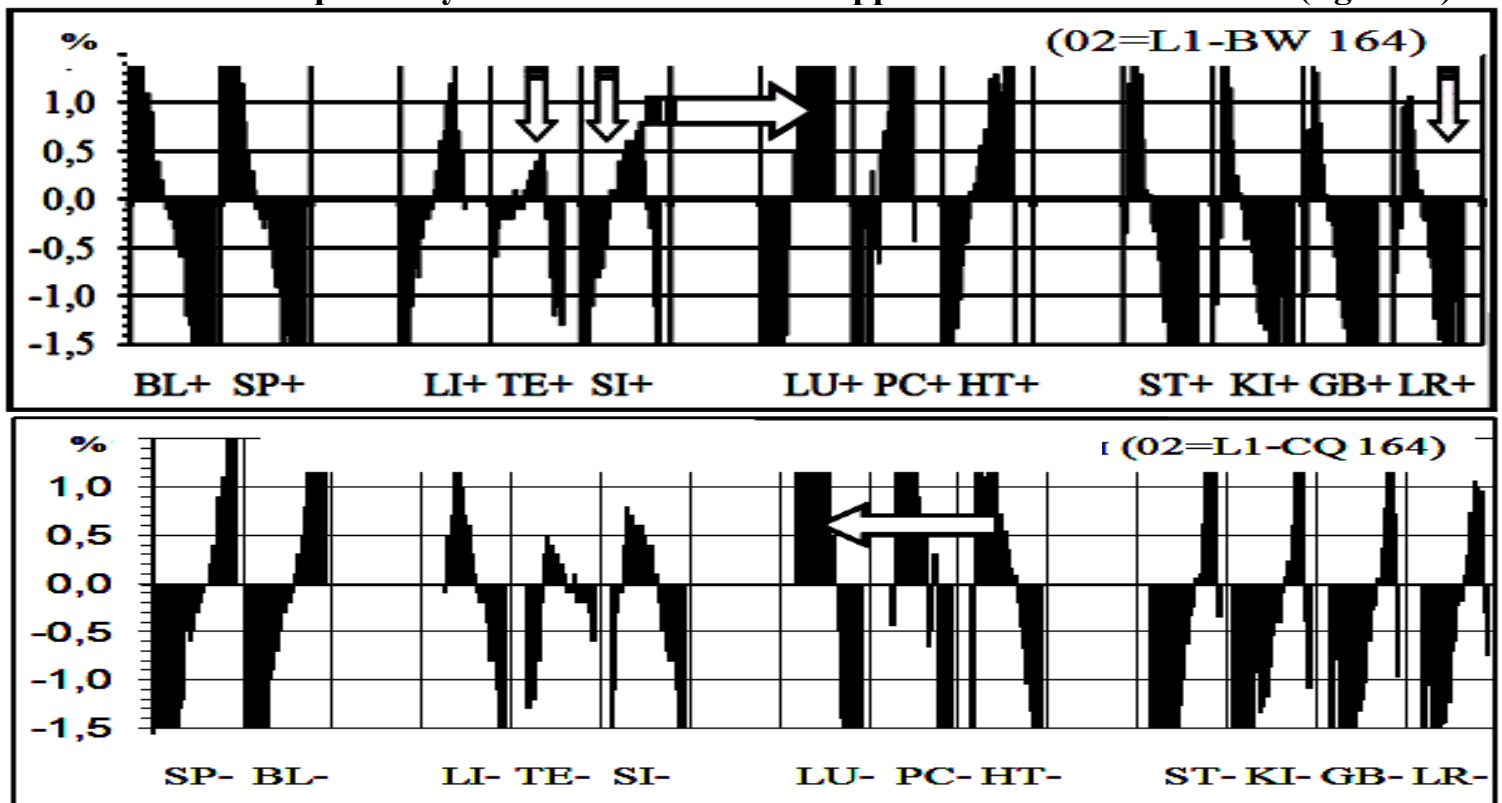


Fig. 1a Reactions of functional system LU (Lungs) on excitation and oppression of other channels.

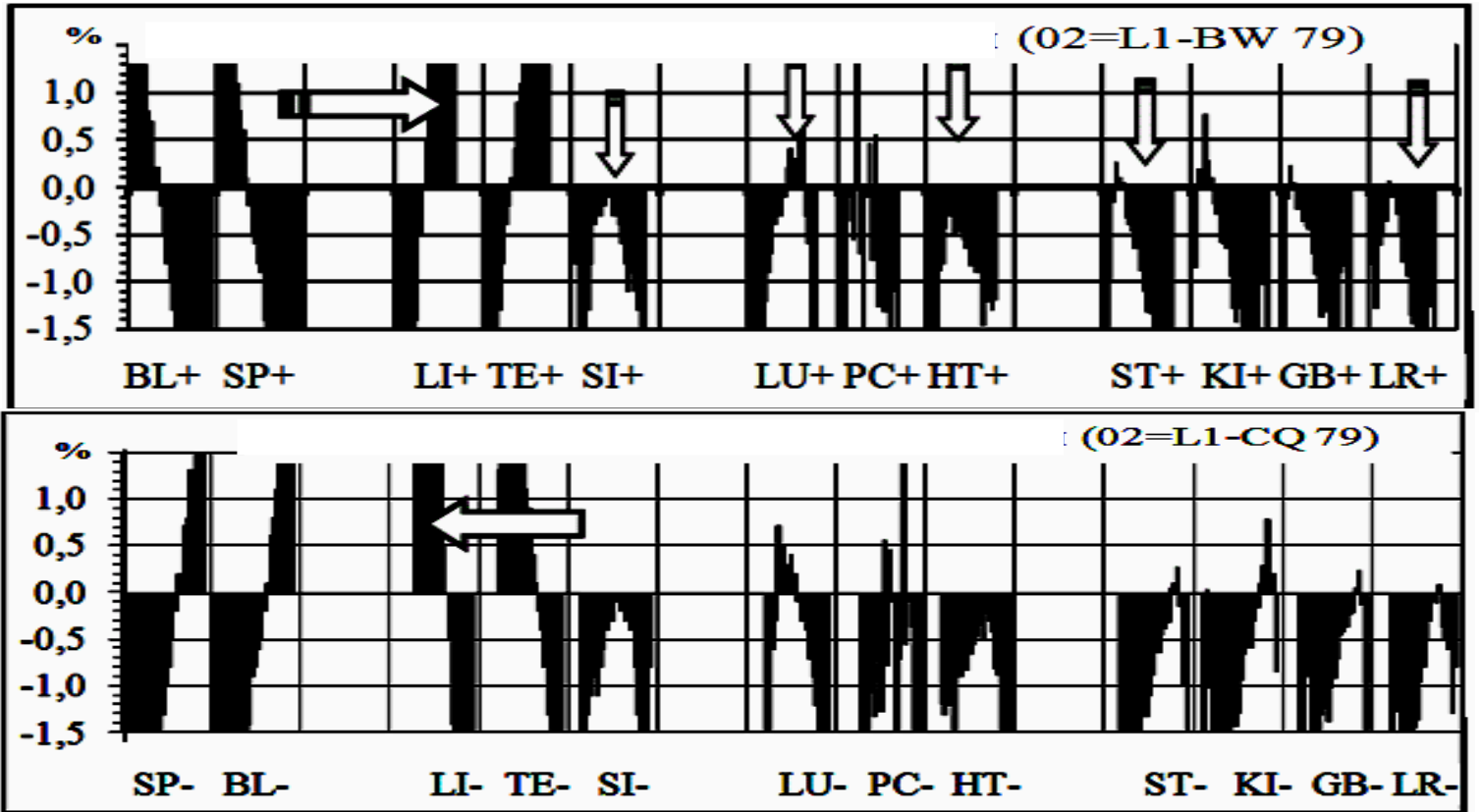


Fig. 1b Reactions of functional system LI (Thick intestines) on excitation and oppression of other channels.

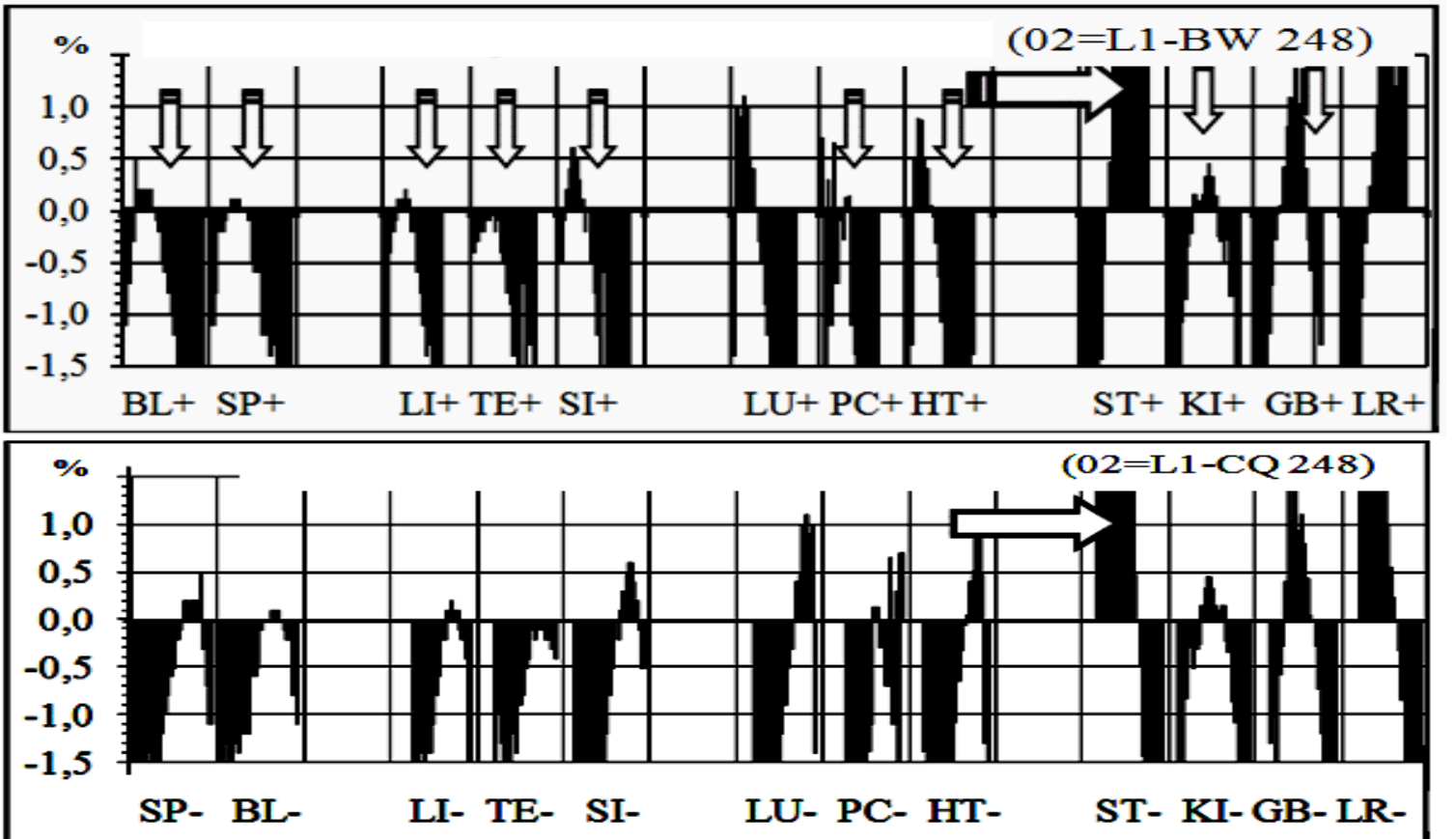


Fig. 1c Reactions of functional system ST (Stomach) on excitation and oppression of other channels.

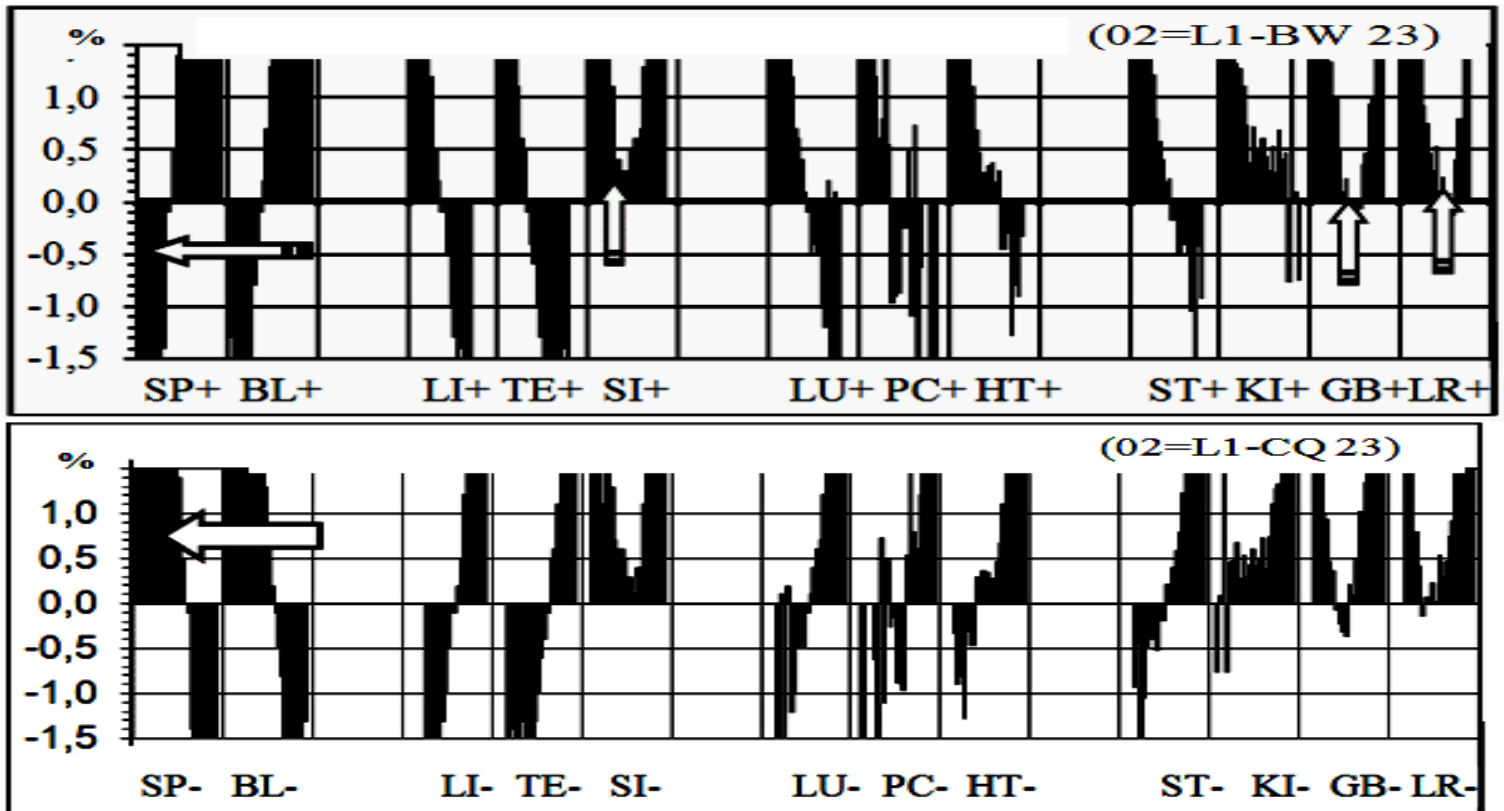


Fig. 1d Reactions of functional system SP (Spleen-pancreas) on excitation and oppression of other channels.

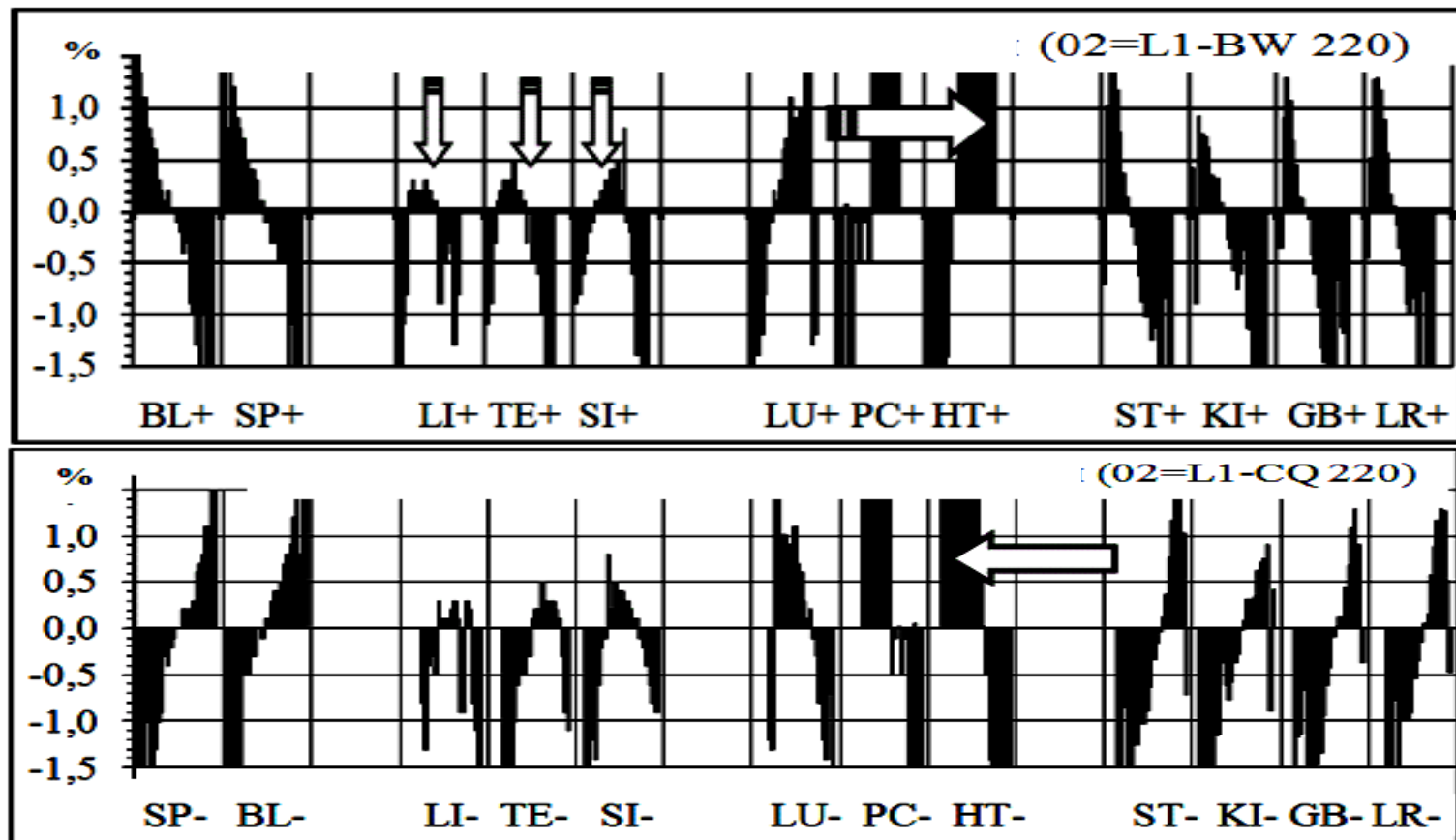


Fig. 1e Reactions of functional system HT (Heart) on excitation and oppression of other channels.

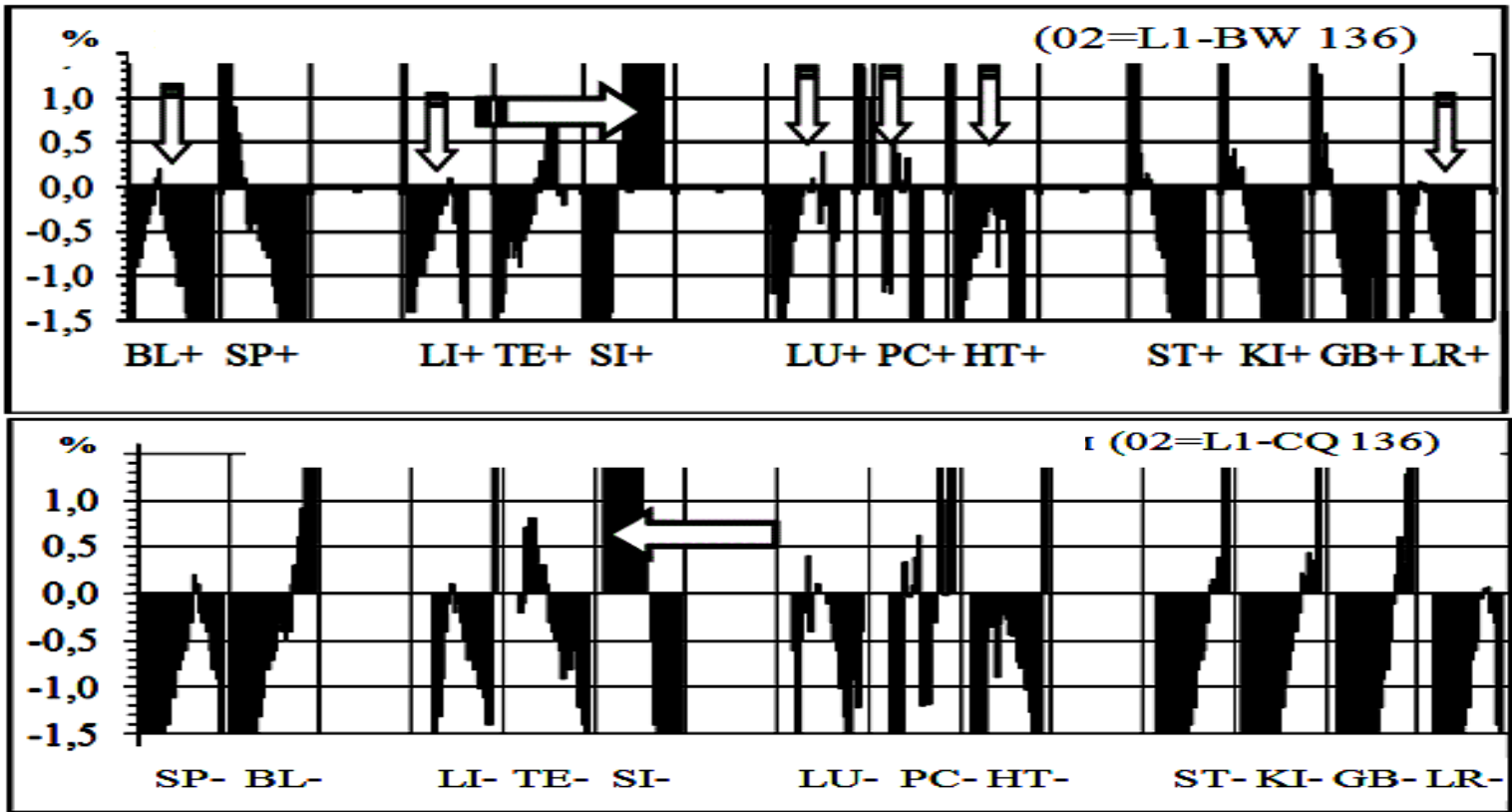


Fig. 1f Reactions of functional system SI (Small intestines) on excitation and oppression of other channels.

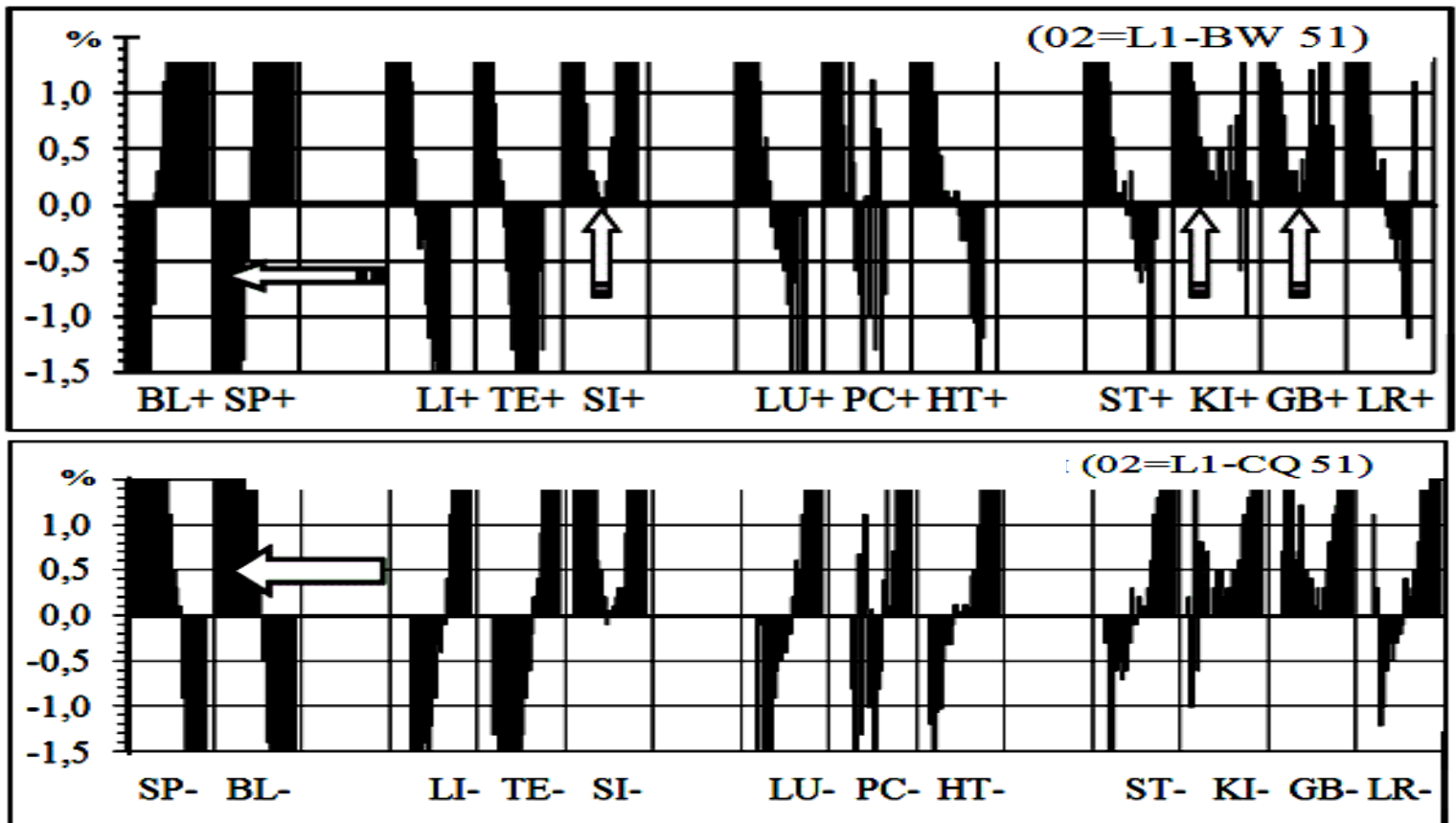


Fig. 1g Reactions of functional system BL (Bladder) on excitation and oppression of other channels.

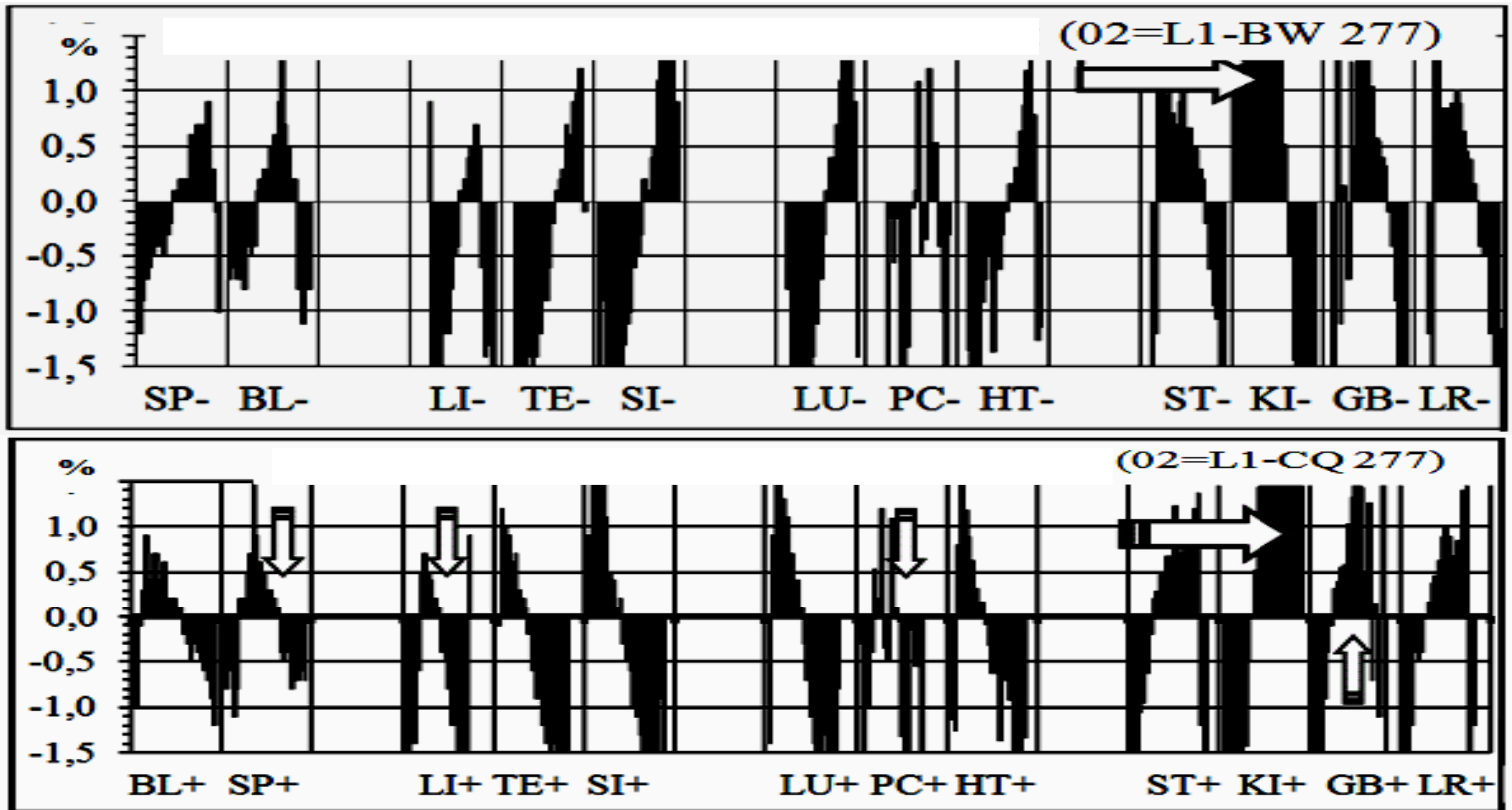


Fig. 1h Reactions of functional system KI (Kidney) to excitation and oppression of other channels.

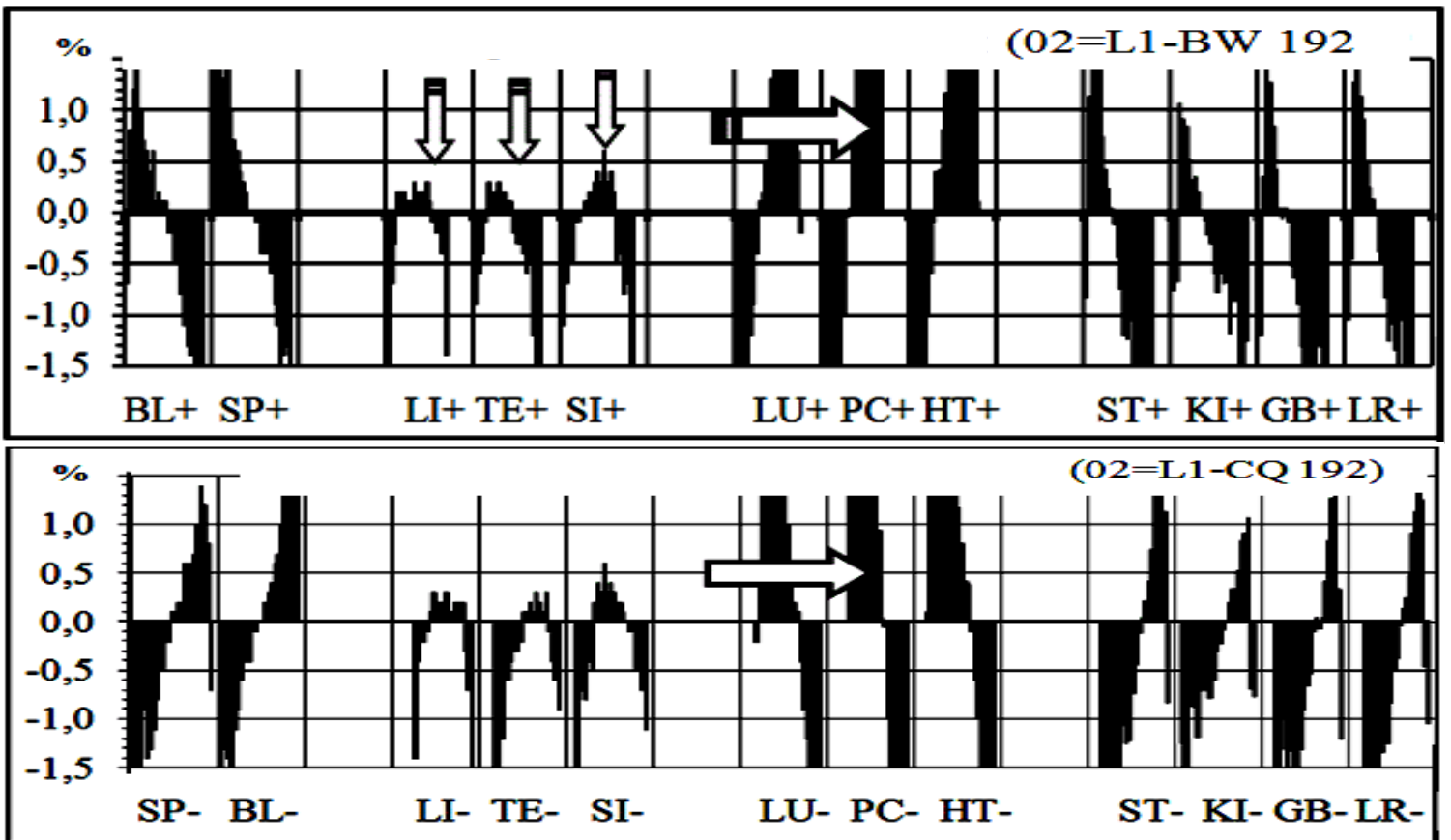


Fig. 1i Reactions of functional system PC (Pericardium) on excitation and oppression of other channels.

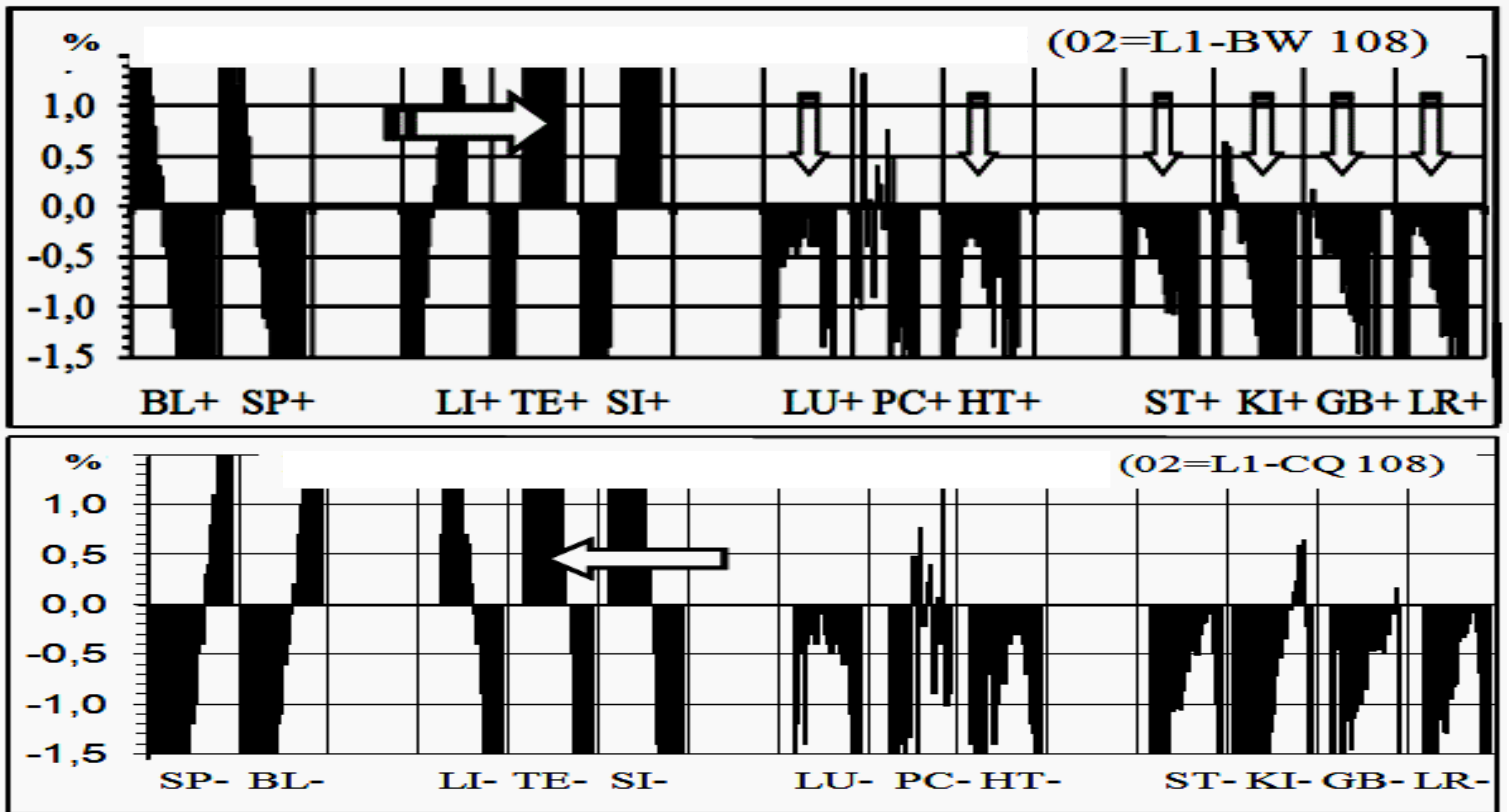


Fig. 1j Reactions of functional system TE (the Threefold heater; Lymphatic system) on excitation and oppression of other channels.

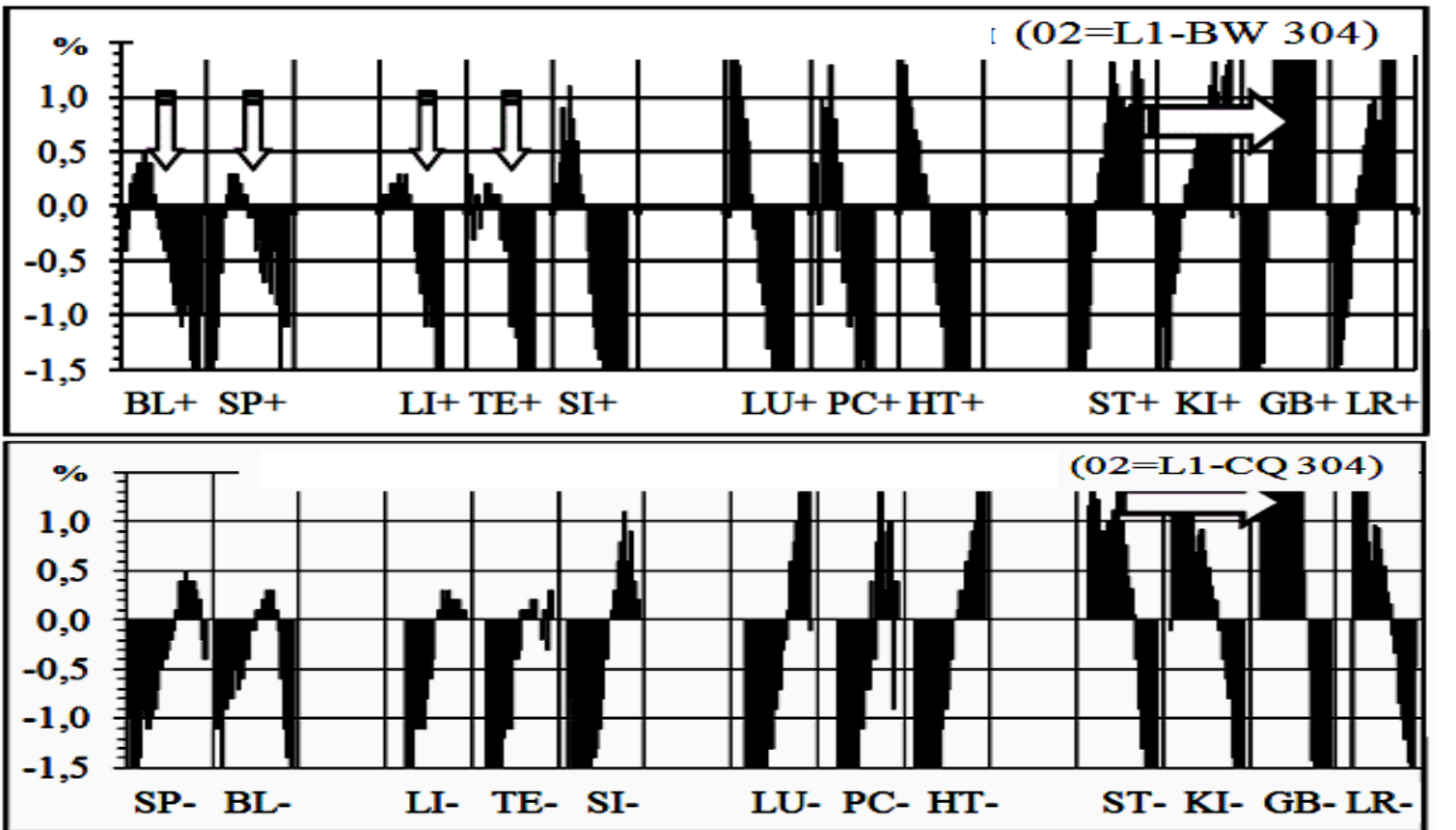


Fig. 1k Reactions of functional system GB (Gall bladder) on excitation and oppression of other channels.

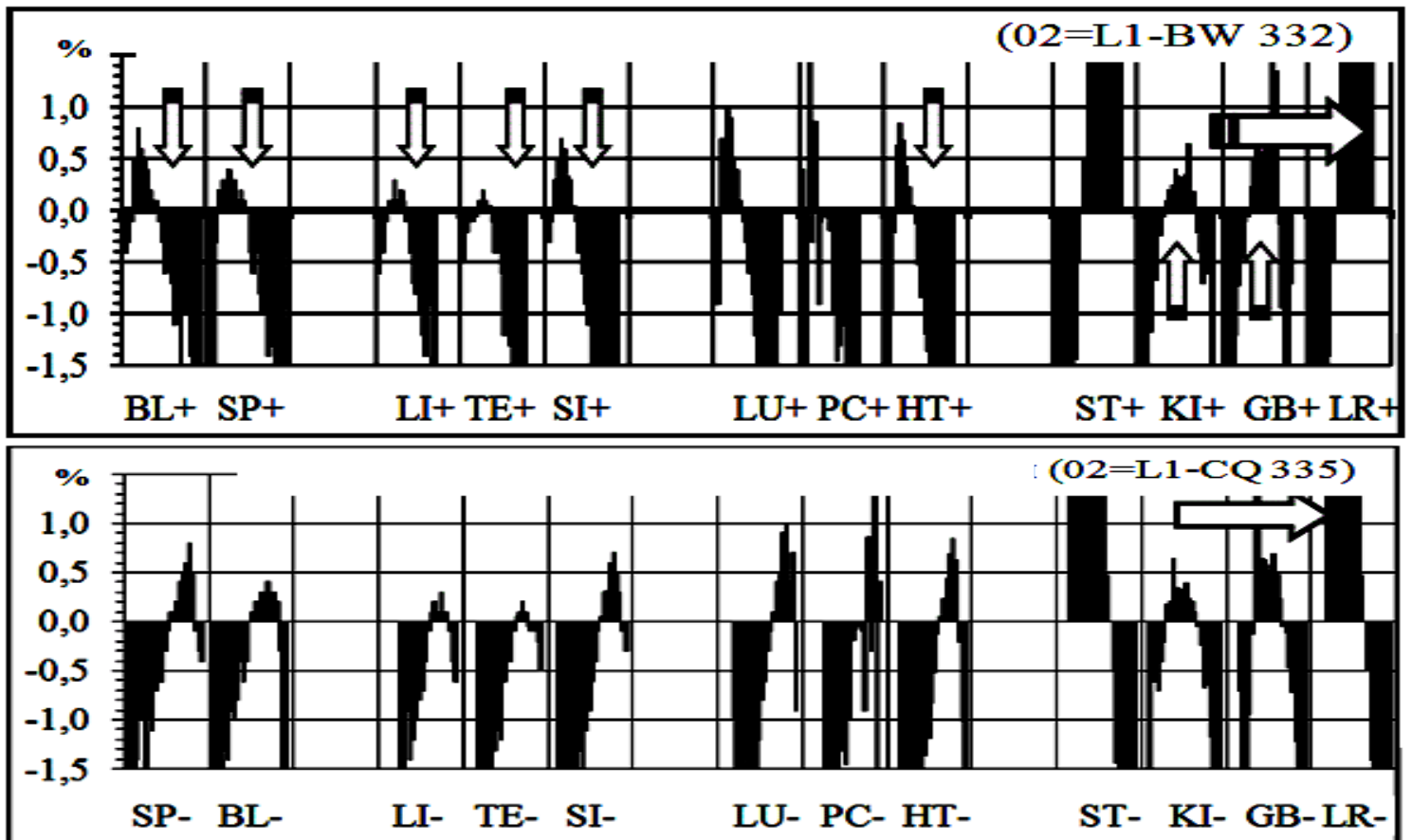
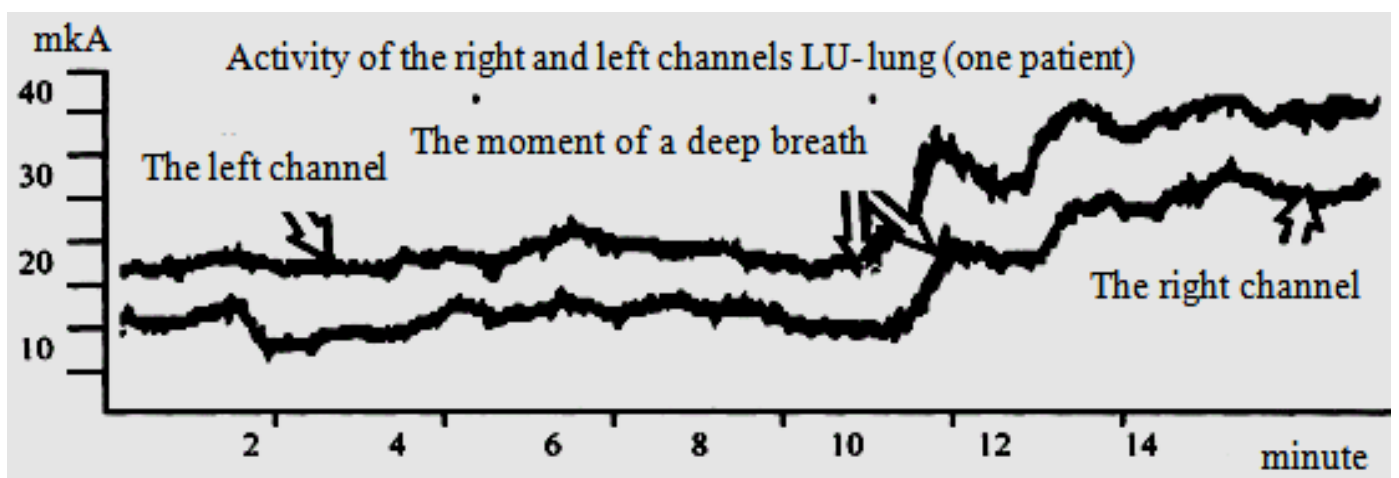


Fig. 11 Reactions of functional system LR (Liver) on excitation and oppression of other channels.

The analysis of the presented material unequivocally testifies to phenomenal sensitivity of functional systems and their constant readiness to differently directed to reactions. Running a little beforehand, it is necessary to assume their global problem: at any moment of ability to live of biological system to support its is functional-dynamic balance ...

Phenomenal sensitivity of functional systems is confirmed also with monitoring of bioelectric activity of symmetric channels LU (Lungs) which throughout 8-10 minutes is dependent changed even at simple oxygen loading and nitroglycerine reception under language (fig. 2) ...



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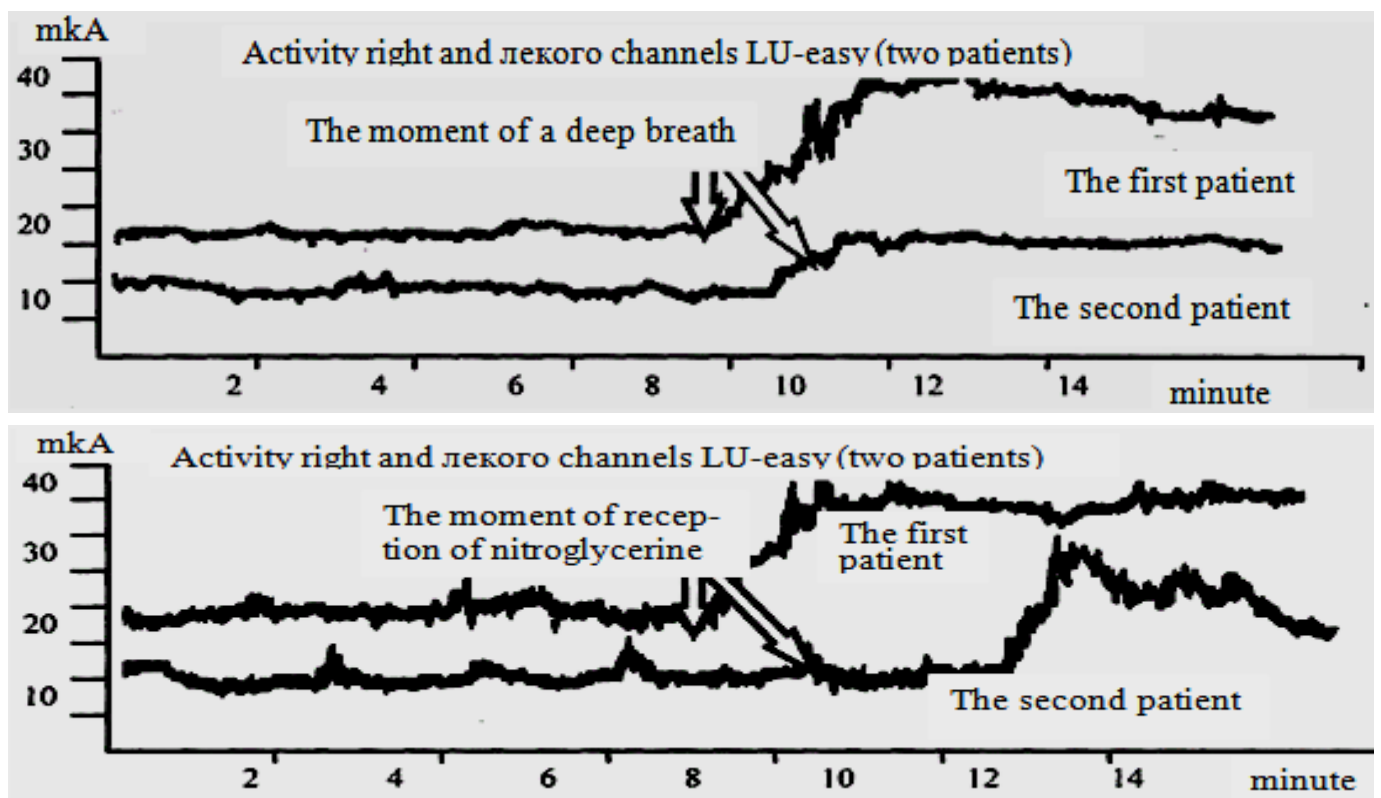


Fig. 2 Phenomenal system sensitivity on functional loading.

Conclusions.

1) System synchronously-asynchronous reactions to excitation and oppression of different channels of acupuncture specify in a biophysical reality of open system and its readiness to supervise is functional-dynamic balance in biological complexes.

2) Identification of system dependence testify to necessity of the further studying of the revealed biophysical phenomenon.

The list of references.

1. Макац В.Г. Биогальванизация в физио- и рефлексотерапии // Винница, 1992. 236с.
2. Нагайчук В.И., Макац В.Г., Повстяной Н.Е. Биогальванизация в комбустиологии // Винница, 1993, 330с.
3. Макац В.Г., Подколзин А.А., Донцов В.И., Гунько П.М. Старение и долголетие. Теория и практика биоактивации // Винница, 1995, 253с.
4. Макац В.Г., Нагайчук В.И., Макац Д.В., Макац Д.В. Основы биоактивационной медицины (открыта функционально-энергетическая система биологических объектов) // Винница. 2001. 315с. ISBN 966-7993-16-7 (на украинском языке)
5. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац Д.В. Энергоинформационная система человека (ошибки и реальность китайской Чжень-цзю терапии). // Винница. 2007. Том 1. 367с. ISBN 966-8300-27-0 966-8300-26-2 (на украинском языке).
6. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац Д.В. Энергоинформационная система человека (биодиагностика и реабилитация вегетативных нарушений). // Винница. 2007. Том 2. 199с. ISBN 966-8300-27-0 966-8300-28-9 (на украинском языке).

7. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац Д.В. Энергоинформационная система человека (вегетативная биодиагностика, основы функционально-экологической экспертизы). // Винница. 2009. Том 3. 175с. ISBN 978-966-2932-80-5 (на украинском языке).
8. Макац В.Г., Макац Д.В., Макац Е.Ф., Макац Д.В. Тайны китайской иглотерапии (ошибки, реальность, проблемы) // Винница. 2009. 450с. ISBN 978-966-2932-80-5 (на русском языке).
9. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац А.Д. Функциональная диагностика и коррекция вегетативных нарушений у детей // Винница.- 2011.- 151 с.- ISBN 978-617-535-010-2.
- 10.Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 1. Биофизическая идентификация энергоинформационной системы человека. // РФ, Медиздат, Рефлексотерапевт, № 2-3/2011, с.4-18.
- 11.Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 2. Энергоинформационная система человека как биофизическая реальность. // РФ, Медиздат, Рефлексотерапевт, № 4-5/2011, с.21-36.
- 12.Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 3. Традиционные гипотетические основы вегетативной Чжень-цзю терапии. // РФ, Медиздат, Рефлексотерапевт, № 6/2011, с.4-14.
- 13.Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 4. Функционально-вегетативная система человека как биофизическая основа гомеостаза. // РФ, Медиздат, Рефлексотерапевт, № 6/2011, с.4-14.
- 14.Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 5. Биофизическая реальность прогноза вегетативных расстройств. Ошибки традиционной китайской терапии. // РФ, Медиздат, Рефлексотерапевт, № 11/2011, с.3-18.
- 15.Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 6. Современные проблемы диагностики вегетативного гомеостаза. Принципиальная оригинальность нового функционального направления (часть 1). // РФ, Медиздат, Рефлексотерапевт, № 12/2011, с.3-21.
- 16.Makats V., Makats D., Makats E., Makats D. Power-informational system of the person (biophysical basics of Chinese Chzhen-tszju Therapy). // Vinnitsa. 2005. Part 1. 212P. ISBN 966-821-3238 (на английском языке).
- 17.Makac W., Godlewski A., Szlenskowy W. Zdrowie decydenta // Decydent, Online edition, nr 104, lipiec-2010 http://www.decudent.pl/archiwum/wydanie_120/zdrowie-decydenta_1181.html.