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Initial course of remote training of doctors  
on a problem: "Functional biodiagnostics and  
Correction of vegetative infringements at children".*

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*... According to recommendations the CART of one of  
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electro diagnostics on points of acupuncture and reflex-  
otherapy ... [the International meeting the CART on  
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**IS FUNCTIONAL-VEGETATIVE SYSTEM OF THE PERSON.  
SEXUAL FEATURES OF SYSTEM FUNCTIONAL DEPENDENCE (message-9).**

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**The resume.** Some features of system dependence are revealed at excitation of separate channels of traditional Chzhen-tszju of therapy in female and man's groups of supervision. The conclusion is drawn on necessity of studying of their role for mechanisms of functional vegetative infringements.

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

**The short preface.** Article "... Sexual features of system functional dependence" is devoted the unknown person before Is functional-vegetative system of the person (FVS) and is a fragment of proofs of its biophysical reality. In article it is used following designations acupuncture the channels (meridians), traditional which name is presented today by concept about interdependent functional systems: LU - Lungs, a LI-thick intestines, a ST-stomach, a SP-spleen (pancreas), HT-heart, a SI-small intestines, a BL-bladder, KI-kidneys, a PC pericardium, a TE-threefold heater (lymphatic system), a GB-gall bladder and a LR-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 specifies in a number of theoretical and practical errors that demands additional specialization of experts and corresponding correction of curriculums.

**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 question on a reality of system age and sexual features of bioelectric activity of functional systems became one of questions of the developed direction. The analysis of the data in man's and female groups of supervision has revealed some distinctions in system interdependent activity acupuncture channels SP, BL (tab. 1; fig. 1-12). Further it has appeared that the revealed features matter for understanding of pathogenetic mechanisms of development of functional vegetative infringements and their correction, but don't demand specific specifications for carrying out of vegetative diagnostics on V.Makats. But about it in due time ...

Let's consider to begin with materials of table 1 which testify to a reality of some sexual features in biophysical activity of channels SP, BL. In female and man's groups of supervision their excitation is accompanied by specific oppression of channel KI from a zone of the functional norm and paradoxical reactions from functional systems GB, LR in the female. Besides, in female groups development of paradoxical reactions from outside is observed: SP-BL on channel SI excitation; TE - is on PC and ST, GB, LR on excitation TE.

Thus once again we pay attention that the revealed sexual distinctions don't influence formation of the functional diagnosis about vegetative health ...

### Features of system dependence in female and man's groups (tab.1; fig.1-12)

Table 1.

Functional systems		In female group				In man's group			
Excitation	Control	↓ to N	↑ from N	≈	PR	↓ to N	↑ from N	≈	PR
LU (fig.1)	SR, BL	↓ to N						≈	
LI (fig.2)	KI			≈		↓ to N			
ST (fig.3)	KI			≈			↑ from N		
SR (fig.4)	KI		↑ from N			↓ to N			
	GB, LR				PR			≈	
HT (fig.5)	KI			≈		↓ to N			
SI (fig.6)	SR, BL				PR			≈	
BL (fig.7)	KI		↑ from N			↓ to N			
	GB, LR				PR			≈	
KI (fig.8)	all FS			≈				≈	
PC (fig.9)	KI			≈		↓ to N			
	TE				PR			≈	
TE (fig.10)	ST, GB, LR				PR			≈	
GB (fig.11)	KI			≈			↑ from N		
LR (fig.12)	all FS			≈				≈	

The note:

*N* - a zone of norm of functional activity of system; *PR* - paradoxical reaction to excitation of the functional monitoring system; *≈* - the synchronous reaction corresponding to increase of excitation of the functional monitoring system.

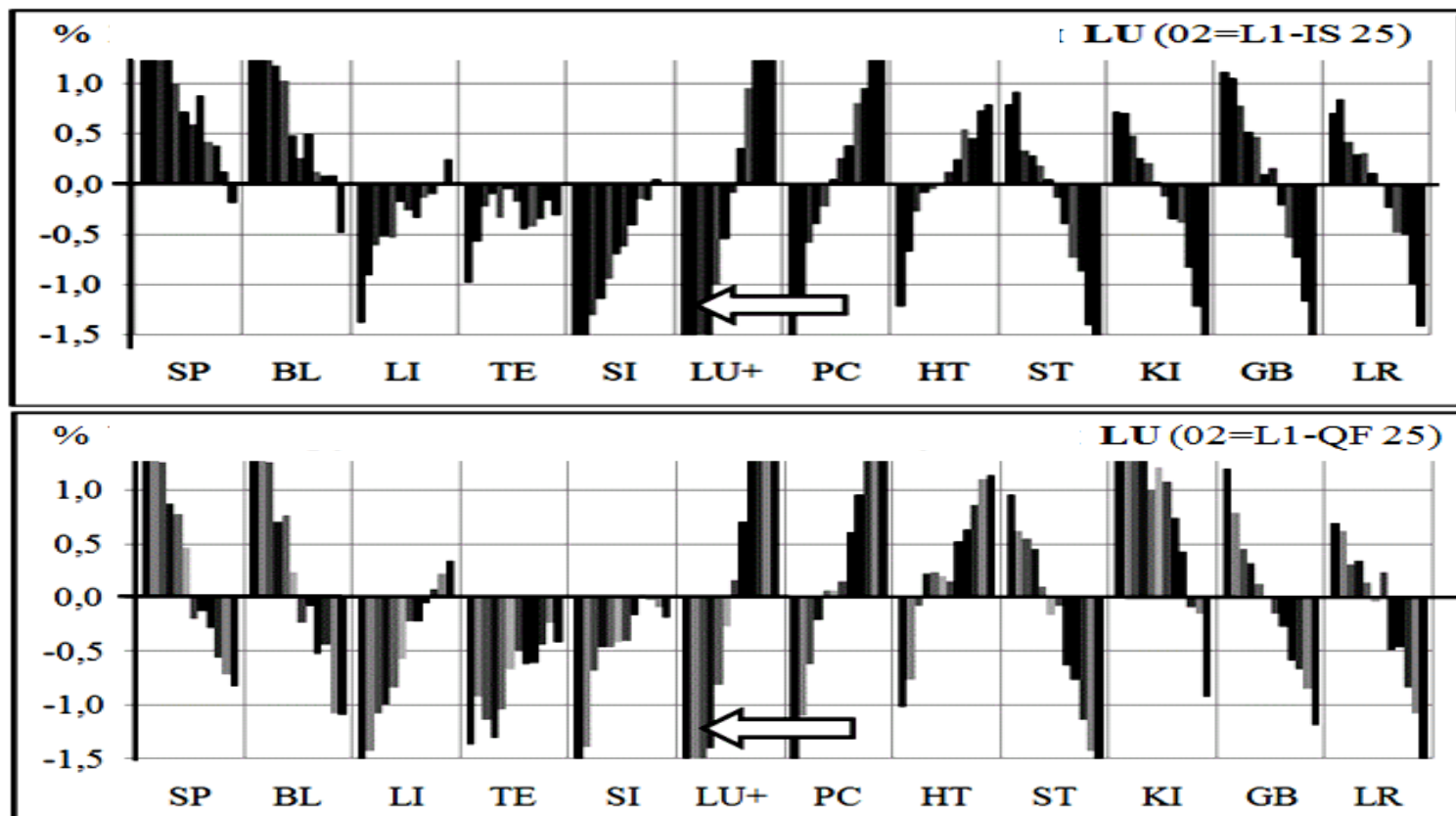


Fig.1 Feature of system dependence at excitation LU – Lungs...  
in female group (the top histogram) and man's group (the bottom histogram).

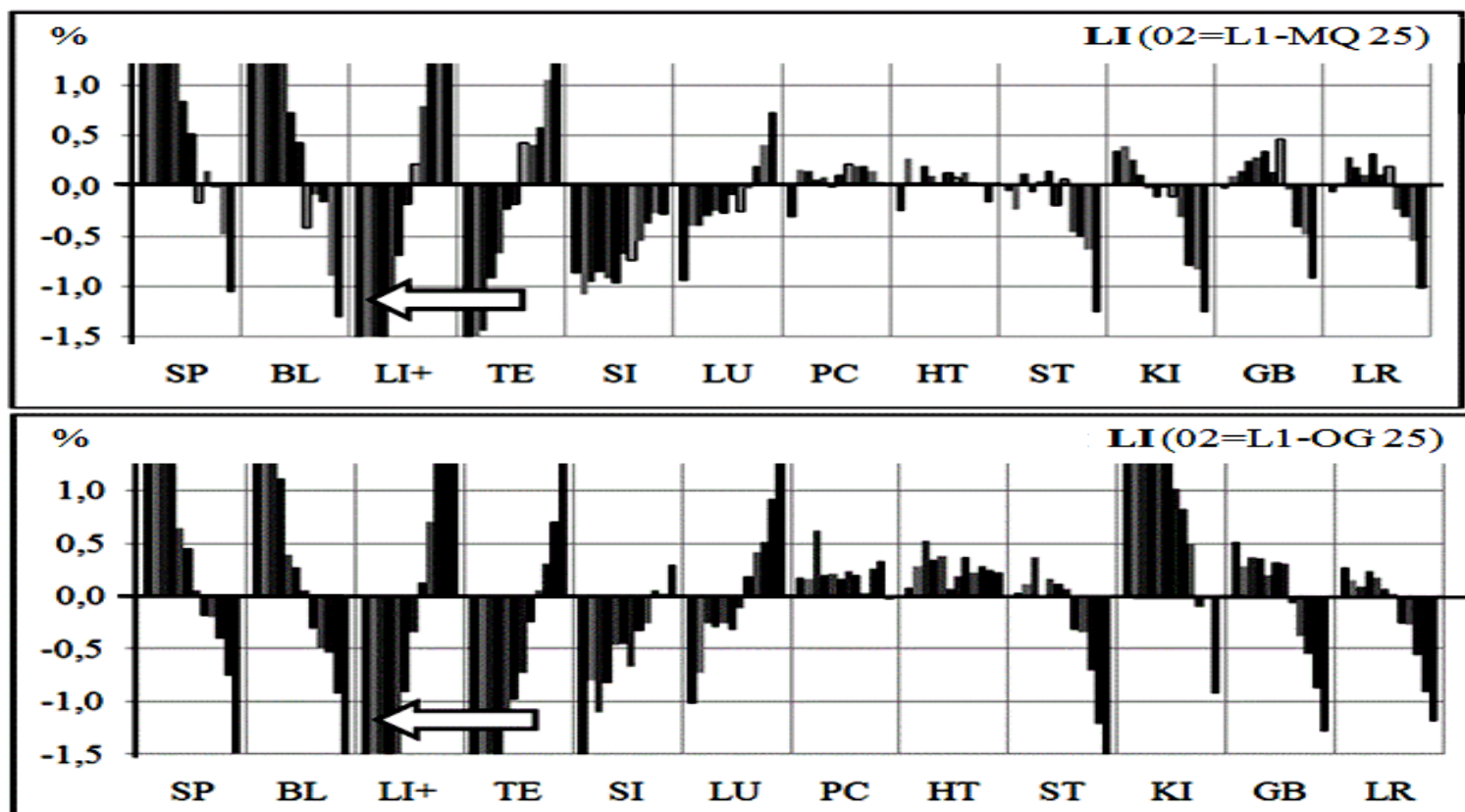


Fig.2 Features of system dependence at excitation LI - Thick intestines...  
in female group (the top histogram) and man's group (the bottom histogram).

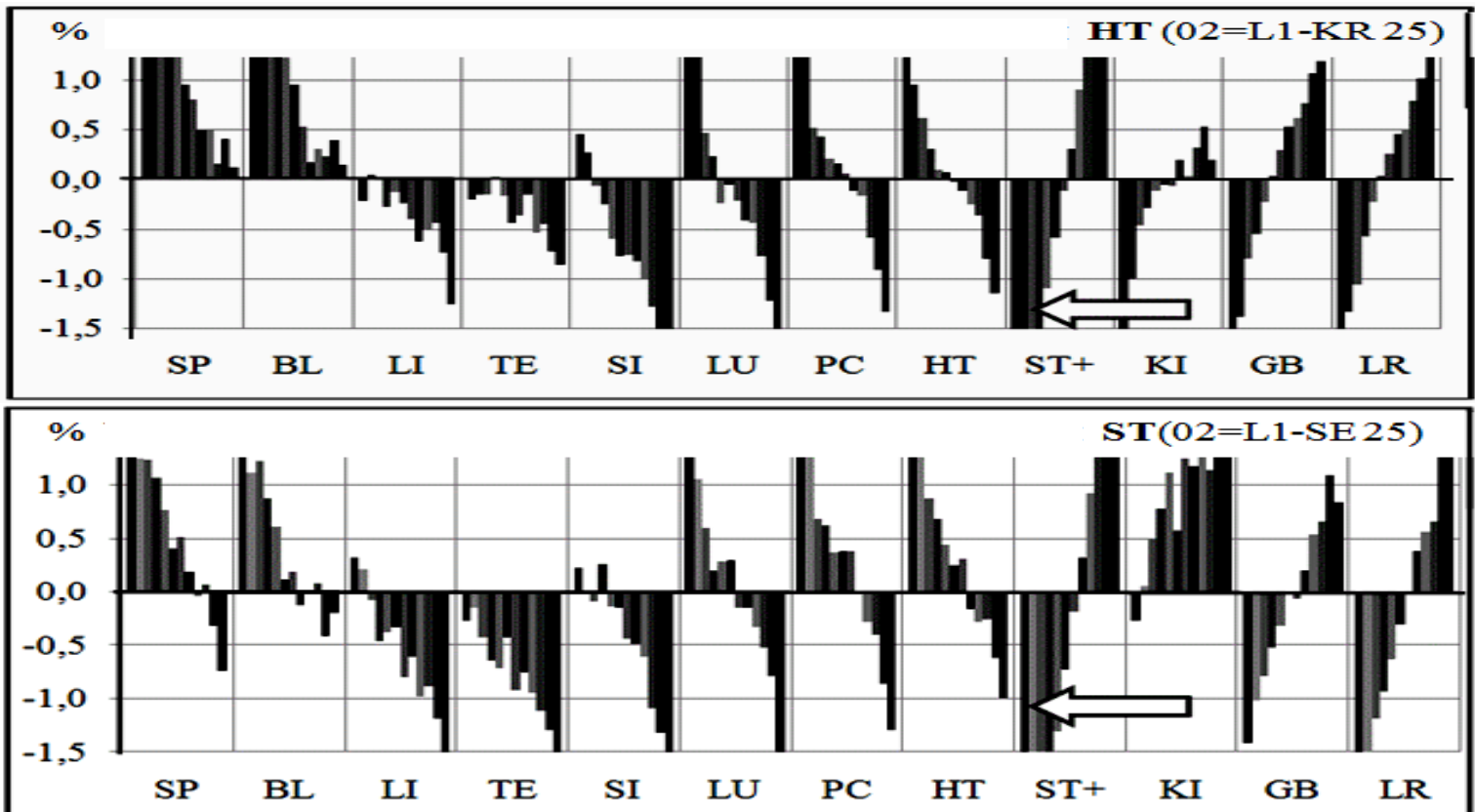


Fig.3 Features of system dependence at excitation ST – Stomach... in female group (the top histogram) and man's group (the bottom histogram).

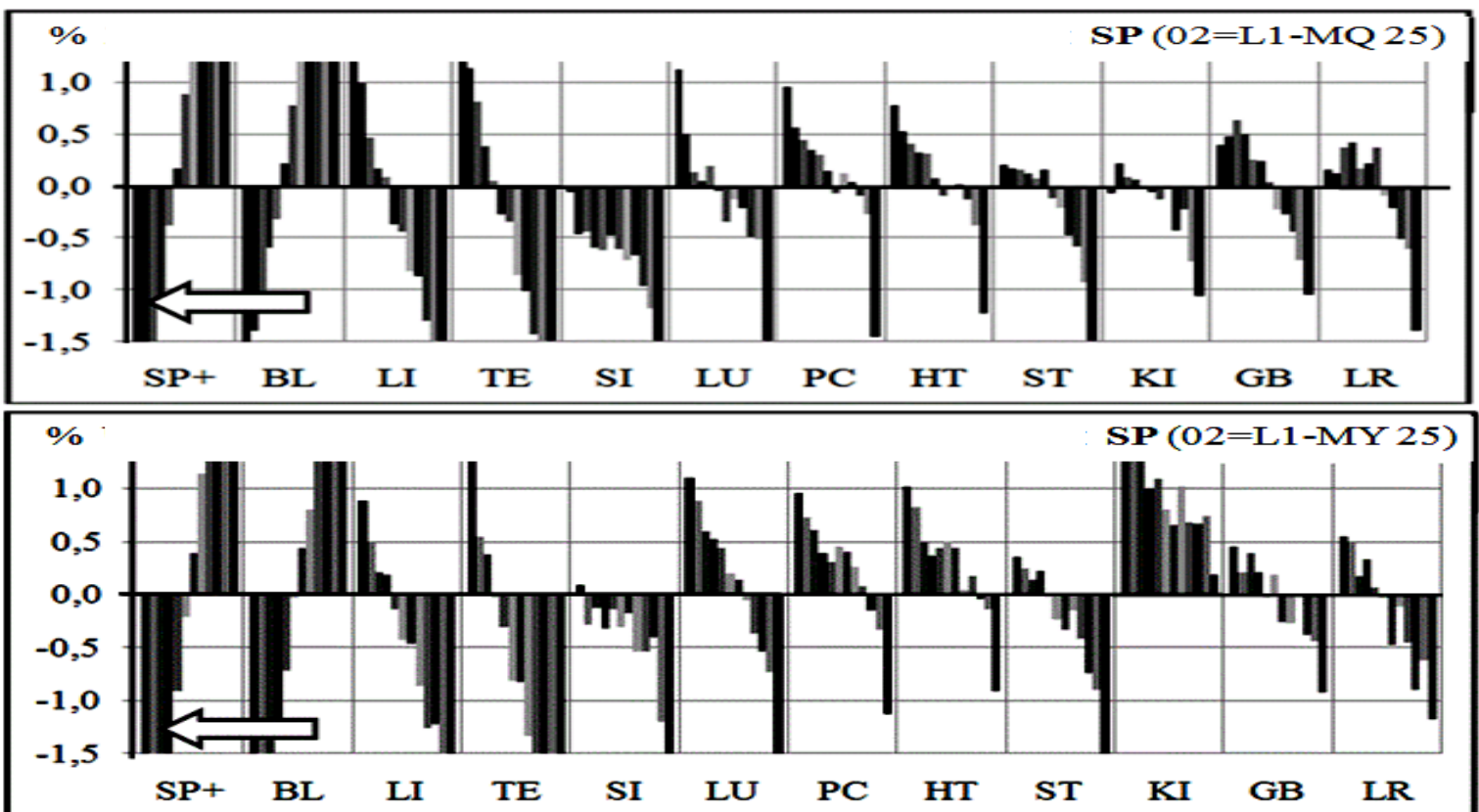


Fig.4 Features of system dependence at excitation SP - Spleen-pancreas... in female group (the top histogram) and man's group (the bottom histogram).



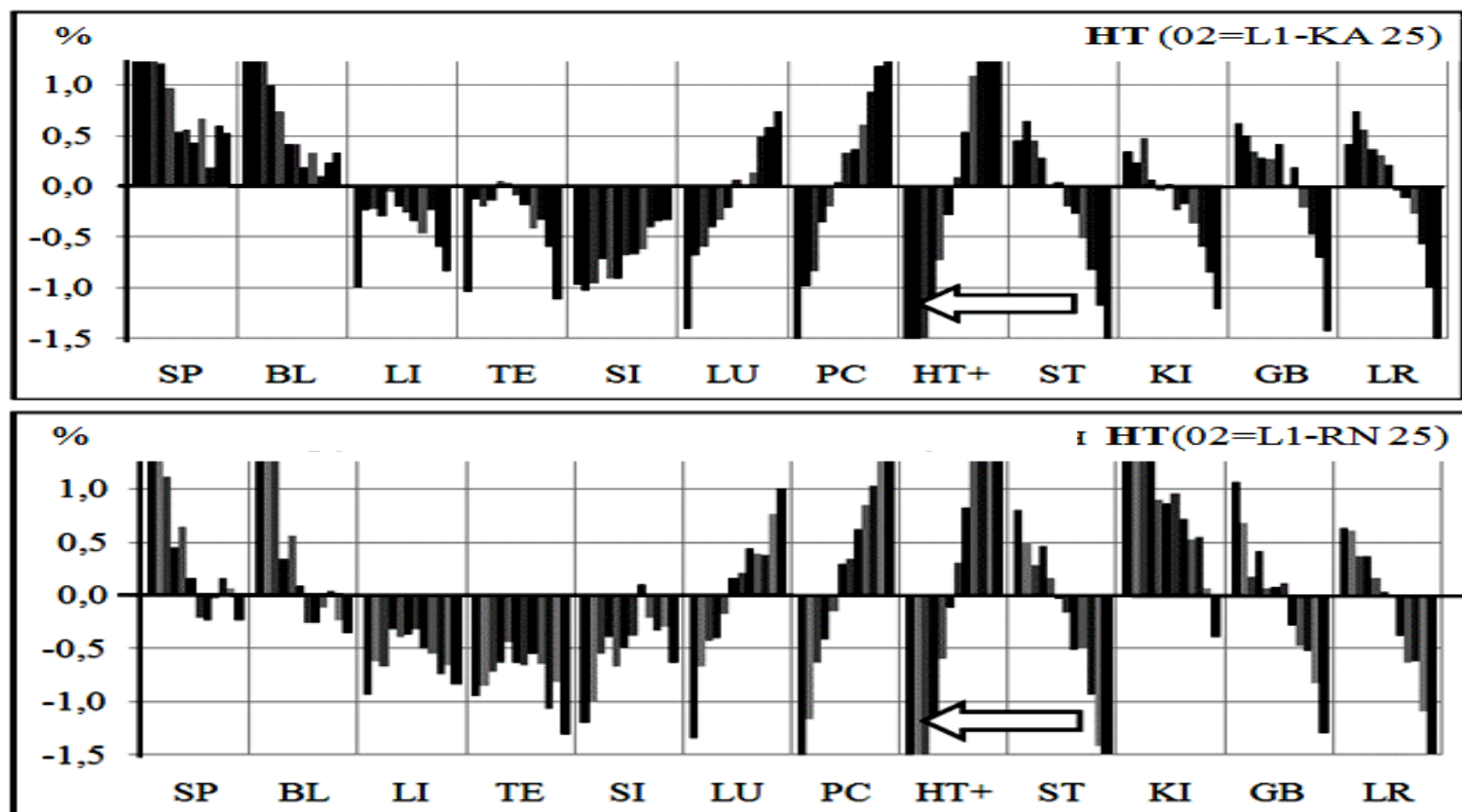


Fig.5 Features of system dependence at excitation HT - Heart ...  
in female group (the top histogram) and man's group (the bottom histogram).

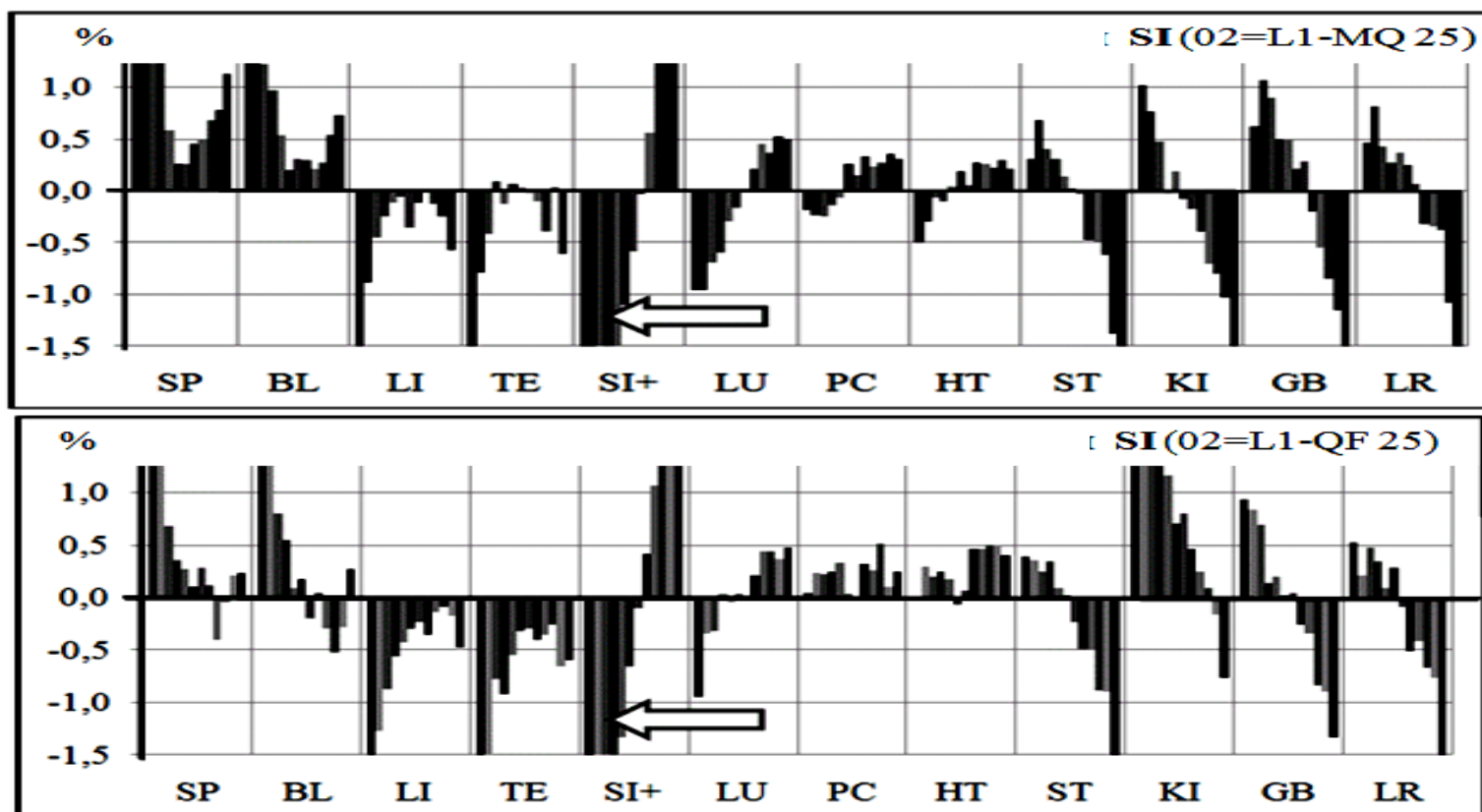


Fig.6 Features of system dependence at excitation SI - Small intestines...  
in female group (the top histogram) and man's group (the bottom histogram).

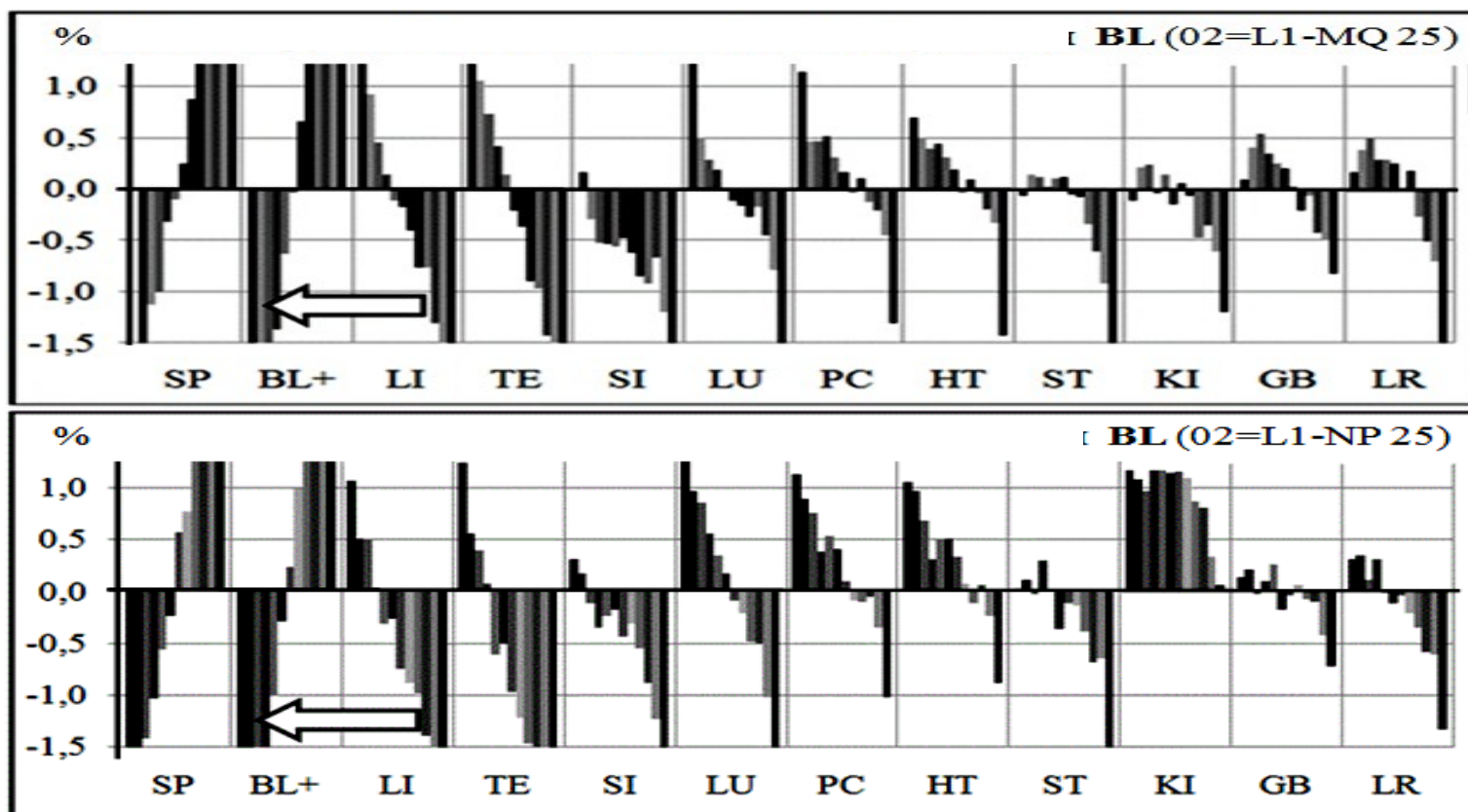


Fig.7 Features of system dependence at excitation BL - Bladder ... in female group (the top histogram) and man's group (the bottom histogram).

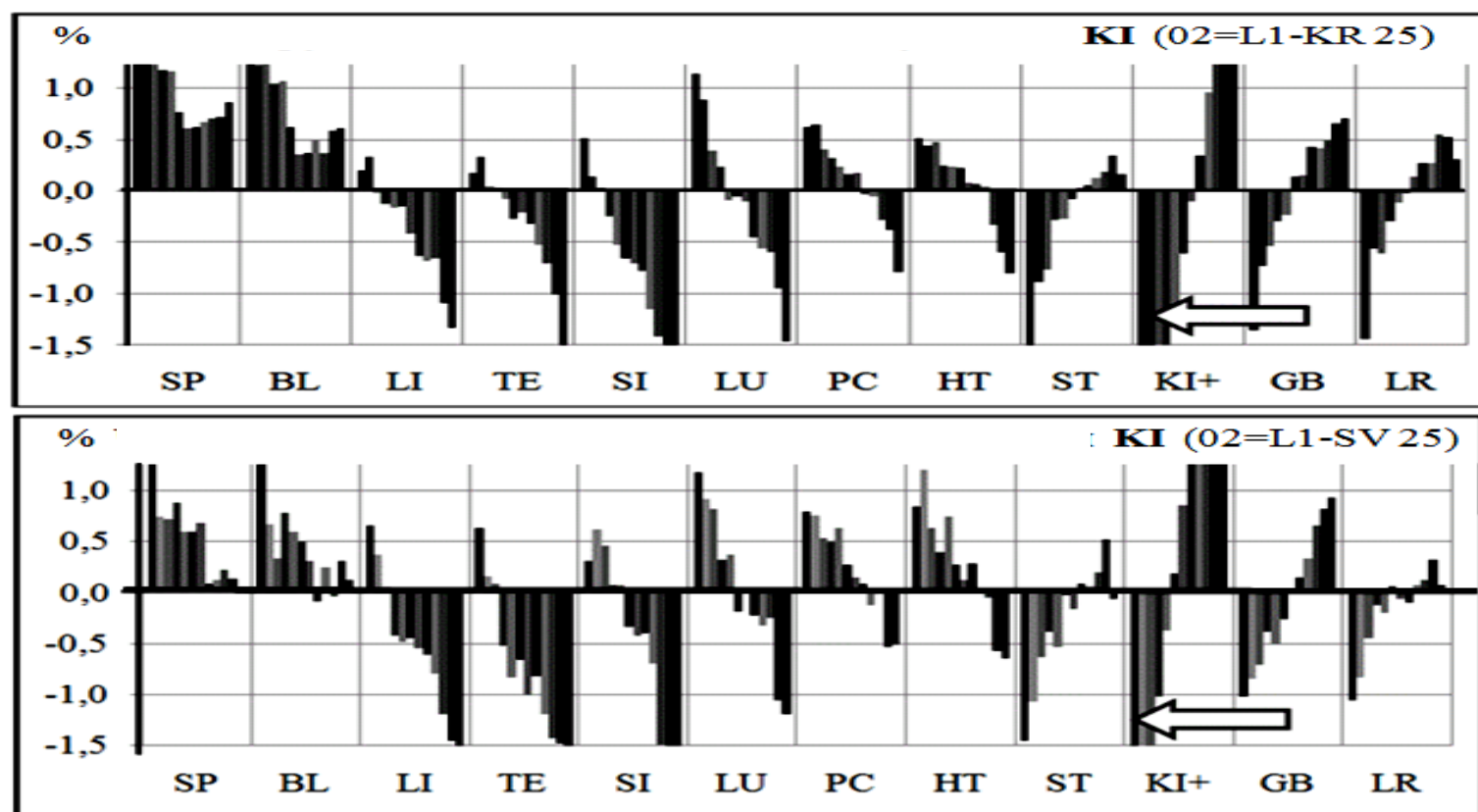


Fig.8 Features of system dependence at excitation KI - Kidneys... in female group (the top histogram) and man's group (the bottom histogram).

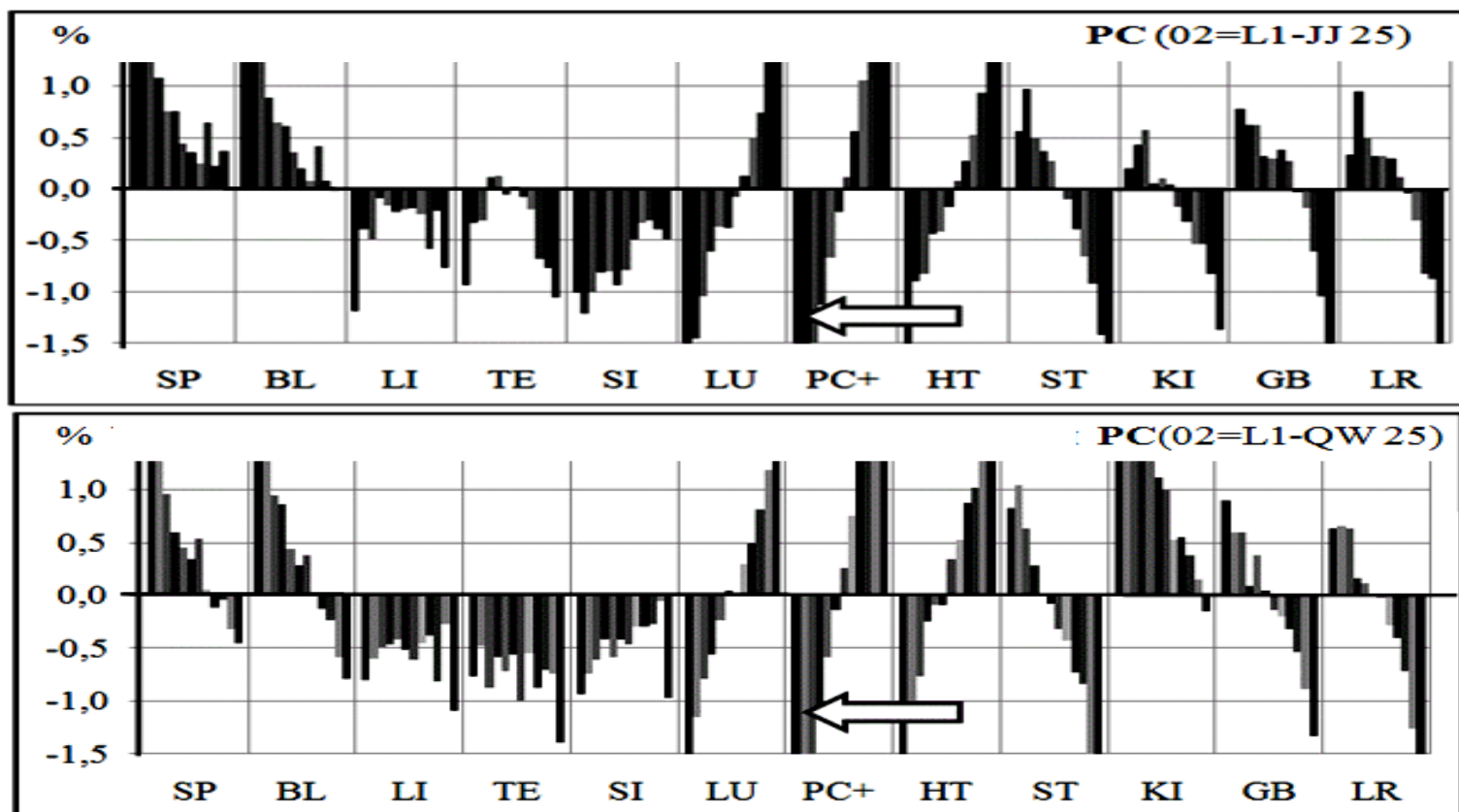


Fig.9 Features of system dependence at excitation PC - Pericardium... in female group (the top histogram) and man's group (the bottom histogram).

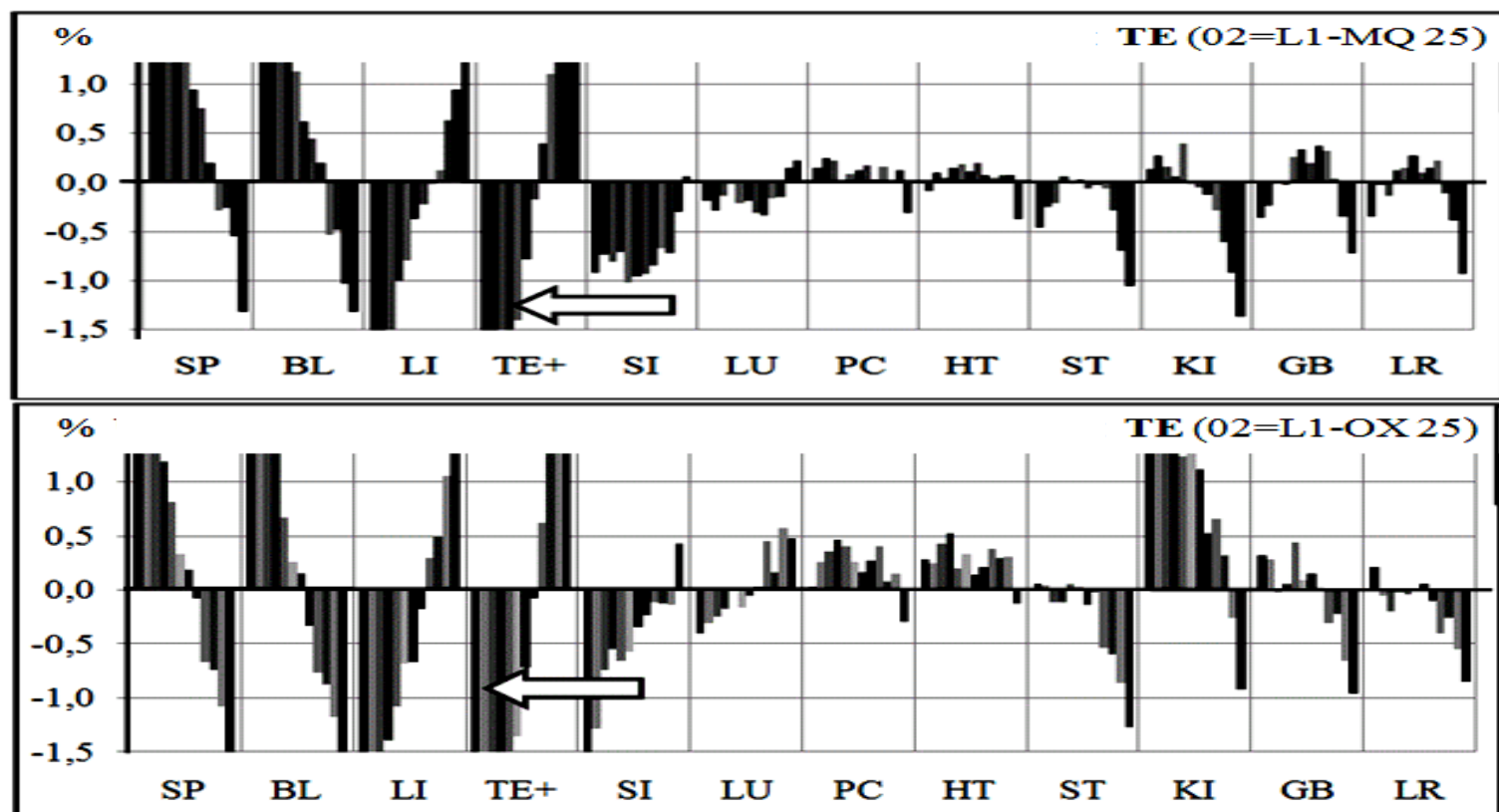


Fig.10 Features of system dependence at excitation TE - Threefold heater (Lymphatic system)... in female group (the top histogram) and man's group (the bottom histogram).

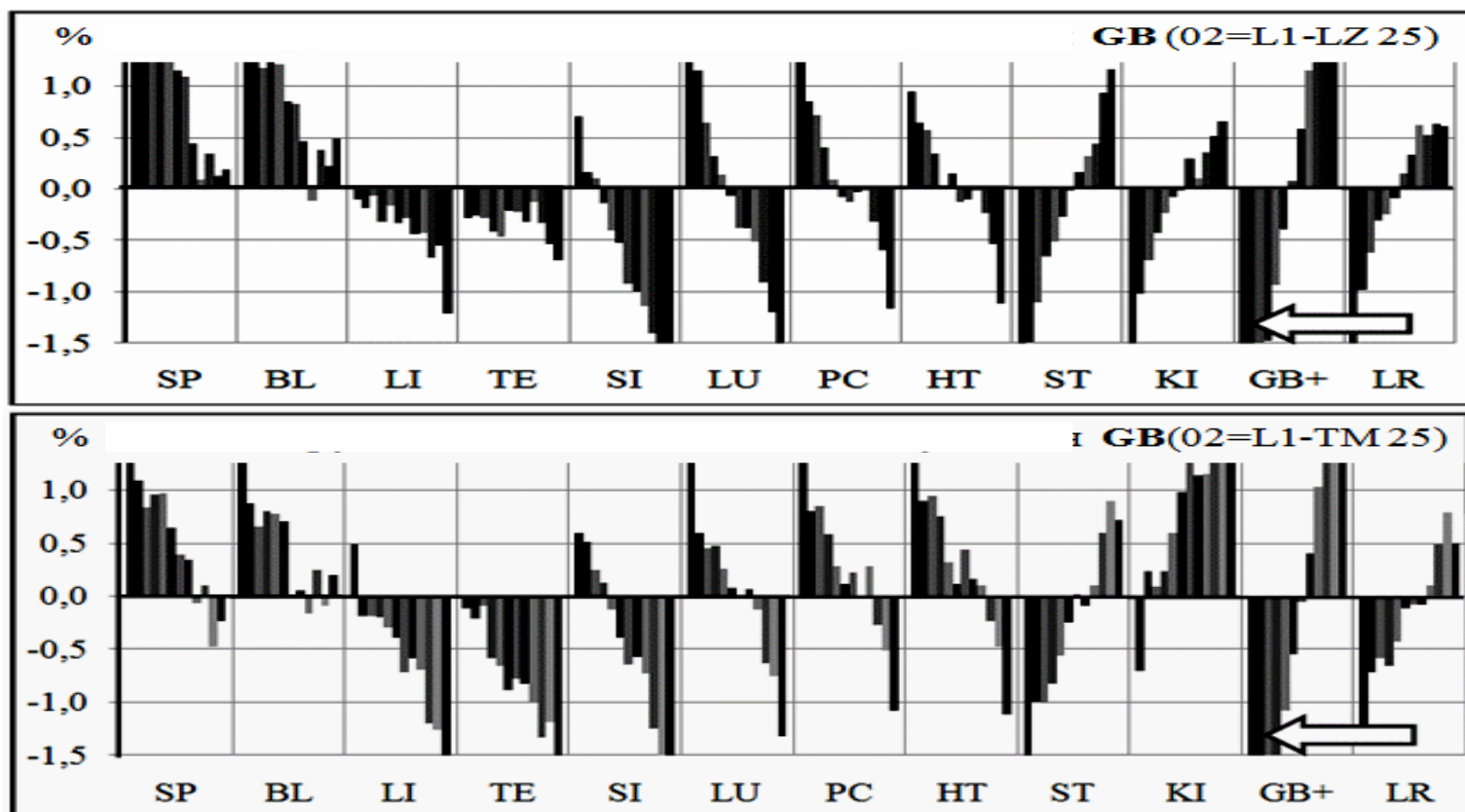


Fig.11 Features of system dependence at excitation GB - Gall bladder ...  
in female group (the top histogram) and man's group (the bottom histogram).

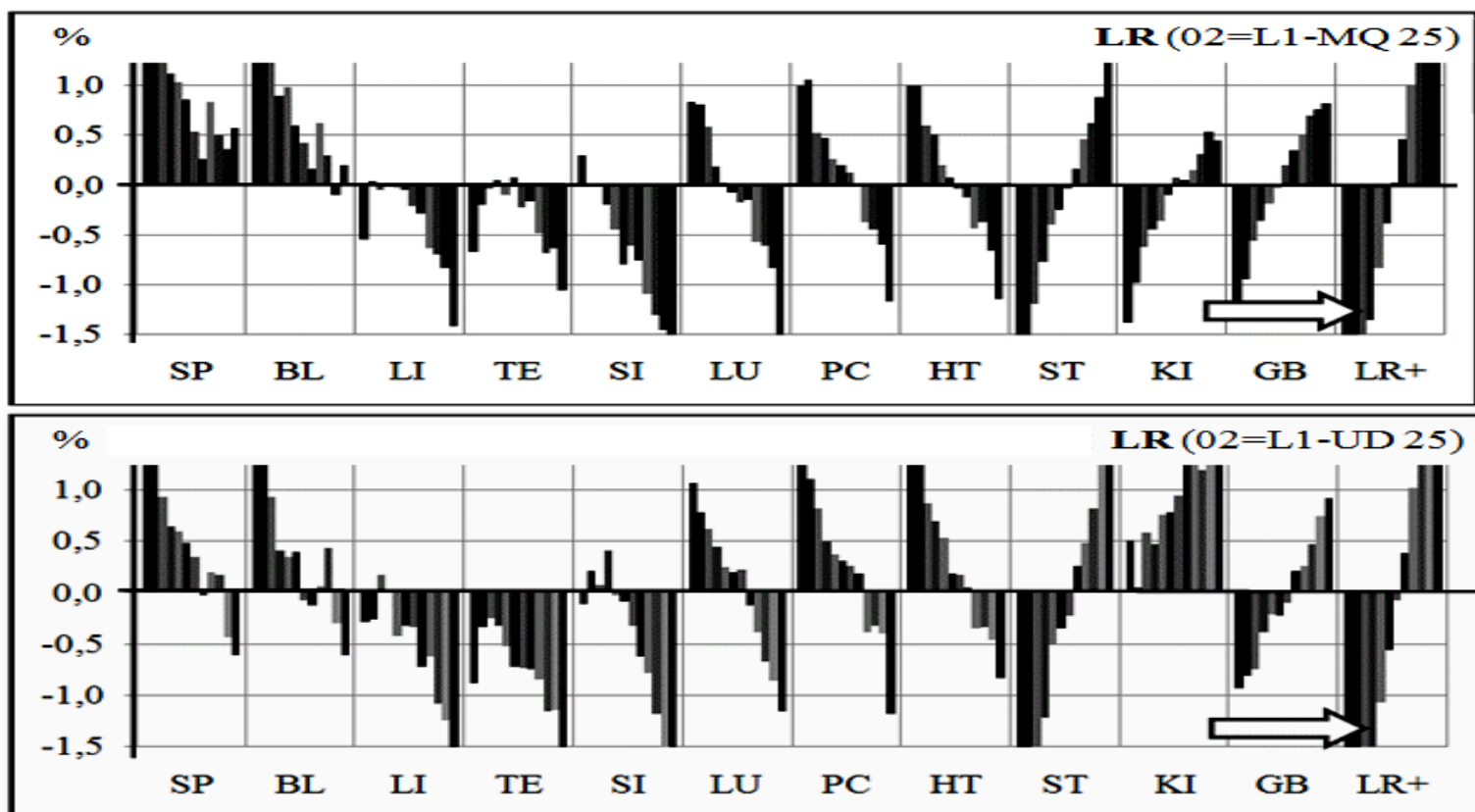


Fig.12 Features of system dependence at excitation LR - Liver ...  
in female group (the top histogram) and man's group (the bottom histogram).



### Conclusions.

1) The Revealed system and sexual features are important for understanding of biophysical the mechanism illness development functional vegetative infringements, but don't demand specific specifications for carrying out of vegetative diagnostics on V.Makats.

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

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