

# Strannik (Virtual Scanning) System

The human body is a complete and dynamic system. That is why it is necessary to understand that fundamental and comprehensive diagnosis should be based on the assessment of all the functions of the brain, taking into account the interaction of all bodily systems. The regulatory role of central nervous system is of great significance.

Impairment of the regulatory roles of the central nervous system and the hormone system which it controls (as extensive scientific research proves), can cause the main problem-weakness of the protective mechanisms and the development of pathological processes. The newly-formed pathological process is so stable because new, central interconnections are permanently established in the corresponding, long-term memory matrix.

This idea led to the concept of the pathological functional system (PFS) as one of the most common mechanisms which is the basis for most forms of central nervous system disorders. Unlike physiological functional systems (FS) (described by P. K. Anokhin), pathological functional systems are highly-organised nerve cells which are able to disrupt homeostasis.

PFS activity is not appropriate to the present irritant, changes in the situation, human reactions or the body's demands. Moreover, PFS activity can be interpreted as a pathogenic factor causing further development of the existing pathological process or creating a new one.

PFS also inhibits other systems, especially those which interfere with it. This effect has important pathogenetic implications, since disruption of nervous system activity, suppression of compensatory and recovery mechanisms are all connected with it.

Human's body has several, physiological, regulatory systems, one of which is the multi-functional Inhibited-Relaxation Functional System for Urgent Adaptation and Protection (IRFSUAP). This guards the body against the extreme influences of physical, hypoxic, hyperthermic and other stressful trauma which can disrupt homeostatic equilibrium and upset the body's oxygen/carbon dioxide balance.

The main principle of IRFSUAP is:

When the body experiences hypoxia and changes in homeostasis, inhibiting processes are activated with both the regulatory functions of the central nervous system and the neural processes intensifying. As a result, the simultaneous relaxation of all the skeletal muscles accelerates by 70%.

Intensification of IRFSUAP with strenuous, physical exercise for instance, is accompanied by the release of psycho-emotional pressure; hyper tonus of the muscles; significant improvement in regulation and co-ordination of movement and increased effectiveness of the central and peripheral nervous systems as well as the

cardiovascular, respiratory, neuro-endocrine and other systems. It also helps to improve the blood supply into muscles and energise the muscle functions. These activities combine to accelerate the rehabilitation processes and re-synthesis of energy resources, restoring the homeostatic balance and creating the ability for a rapid increase in physical activity, known as the "second wind" phenomenon.

The Strannik system, based on unique, virtual scanning technology, provides fast, comprehensive diagnosis, prophylactic and corrective treatment for a wide range of functional and pathological disorders of the body's organs and systems by regulating brain functions.

Strannik does not suffer the inherent disadvantage of other, traditional medical and -physiological systems which assess the structure and functions of individual organs, tissues and systems but do not analyse their regulatory aspects or interaction with other organs and systems. Virtual scanning technology is a holistic technique which allows all the body's biological systems to be examined in unison from major organs and highlevel regulatory systems down to cellular-level metabolic processes.

The main methodological principle of virtual scanning is the assessment of the human brain's appropriate response to changes in the body's internal and external environments. Any signal received by the brain has its own specific characteristics (energy, frequency, time and space). In responding to such a signal the brain creates an individual, data matrix having specific features. The complete set of all these matrices represents a data-base of the entire body in the form of a bio-mathematical model.

The brain works to maintain the current bio-mathematical model the same as the reference-standard one using its main functions of anticipation; imagination; associative thinking; memory; motivation; decision making etc., ensuring constant homeostasis-and providing optimum functioning of all systems, organs and tissues.

Under various harmful or stressful circumstances and extraordinary emergency conditions, especially when IRFSUAP is weak, temporary or permanent disorders can occur in the functions of the higher regulatory system. For example, these factors can affect the system responsible for body movements, leading to a loss of co-ordination in the functioning of opposing muscles and resulting in injuries and trauma to sports people and ballet dancers.

Under the prolonged influence of stressful factors, the brain creates erroneous, instructional signals causing the formation of pathological nidi in organs or systems and the further development of certain diseases. In turn, the influence of afferent signals from these pathological nidi causes the formation of further, irritational, pathological nidi in corresponding zones of the brain and the pathological functional system is formed. A vicious circle is created and an acute disease is turned into a chronic one.

Many years of scientific research and practical experience have shown that the virtual scanner can detect malfunctions in the managing and regulatory functions of the brain as well as functional disorders in organs, systems and tissues at a very early stage of

development. Accurate diagnoses of pre-pathological conditions are possible very quickly (10-15 min.) even when an individual shows no symptoms of disease.

The enclosed table shows examples of diagnostic results produced by the Strannik system. Accuracy of the results was verified by other, simultaneous laboratory and instrumental tests.

**Table 1**

No	DIAGNOSIS	No of Patients	Confirmed	Effectiveness %
01	<b>Encephalopathies-</b> degenerative (change of brain tissues to a lower or less functionally active form) Diseases of the brain. Due to severe intoxications (disorder of the kidney, liver, lung etc.) or trauma	4,	4'	100,0
02	<b>Cerebrovascular Disorders</b>	28	22	78,6
03	<b>Acute Bronchitis</b>	12	10	83,3
04	<b>Chronic Bronchitis</b>	11	9	81,8
05	<b>Acute Rhinitis</b>	16	13	81,5
06	<b>Tonsillitis</b>	13	11	84,6
07	<b>Chronic Otitis</b>	3	3	100
08	<b>Arthropathies - any joint diseases ( expl. : arthritis. )</b>	40	35	85,8
09	<b>Polyneuropathies</b>	11	9	81,8
10	<b>Ischemic Heart Diseases</b>	9	7	77,8
11	<b>Hypertension</b>	33	27	81,8
12	<b>Chronic pyelonephritis</b>	6	5	83,3
13	<b>Nephrolithiasis</b>	11	9	81,8
14	<b>Chronic Gastritis</b>	29	24	82,8
15	<b>Peptic Ulcer Diseases</b>	22	19	86,4
16	<b>Chronic Pancreatitis</b>	16	12	75,0
17	<b>Chronic Hepatitis</b>	5	4	80,0
18	<b>Chronic Cholecystitis</b>	46	39	84,8
19	<b>Cholelithiasis</b>	13	10	76,9
20	<b>Diabetes Mellitus</b>	17	15	88,2
		345	287	83,8

The statistics show that the Strannik system is more sensitive and informative in detecting diseases than other, clinical, diagnostic methods, especially in pre-pathological conditions. Strannik can be considered to be a hyper or super-diagnostic system whose early-detection capability has been subsequently verified by additional, clinical studies carried out a few weeks, or even months, after positive Strannik diagnoses. This means that the Strannik virtual scanner provides accurate diagnosis of pre-pathological conditions and diseases at a very early stage, when preliminary impairments of the managing and regulatory functions may not be detected by other, conventional systems.

The Strannik correctional and treatment system for functional disorders and diseases is, in general, based on an absolutely new approach. As already stated, the main methodological principle of virtual scanning is the assessment of the human brain's ability to respond appropriately to changes in the body's internal and external environments. The brain creates two groups of matrices or images: those storing information about the external environment and those storing information about the internal (body's) environment. Interaction between these two groups of matrices is provided by the brain functions which always react to environmental changes by ensuring that the matrices with the closest, required characteristics are activated.

The diagnostic procedure:

A few images are presented to the patient on a computer monitor. The patient has 15 seconds to memorise the appearance of the colours in the images and then the colours are changed. The patient then restores the picture to its original appearance by changing the intensity of various colours displayed on buttons on the right hand side of the screen. The system is interactive and the number of images presented depends on individual responses but is typically 3-5. Strannik analyses the data received during the diagnostic process, using information about the speed and quality of restoration to assess the main brain functions, from which it computes the patient's personal biological model, similar to the existing model created by the brain.

The virtual scanner uses this process of personal biological modelling to construct these unique sets of matrices for each individual. The basic principle of Strannik's virtual - technology is the assessment and comparison of these matrices in a similar way to the human brain, whilst also presenting the received data in common, medical terms.

During the treatment process, the Strannik technology corrects brain signals and functions, restoring them to the evolutionary norm. Correction is carried out by creating individually-calculated groups of colours which are presented to the patient in the delta-rhythm range and transmitted by the visual sensors into the central nervous system. Consequently, virtual technology can reproduce the required characteristics of specific matrices, allowing the brain to tune itself accordingly and restore its managing functions. As a result, the Strannik system provides a unique opportunity for natural, drug-free therapy in the early stages of pathological processes, as well as the possibility to treat different disorders of the central regulatory systems.

The Strannik system's effectiveness in the treatment of different diseases, based on clinical trials carried out in major hospitals and rehabilitation centres is summarized in the table below.

Treatment was considered successful if, after undergoing the full course of treatment, a patient was confirmed as having made a "full recovery", "significant improvement", or "improvement".

## **Table 2**

No	DIAGNOSIS	No of Patients	No of Modules	No of Patients With positive results	Effectiveness %
01	<b>Chronic Fatigue Syndrome</b>	43	1	42	98
02	<b>Depression, Neurosis</b>	54	1-2		96,3
03	<b>Cerebrovascular Disorders</b> - Diseases of blood vessels, responsible for part of the blood supply to the brain (exp: Stroke)	53	1		91,8
04	<b>Epilepsy</b>	4	1-2	4	100
05	<b>Cerebral Palsy</b>	12	1	12	100
06	<b>Musculoskeletal System Disorders</b> – Arthritis, back and neck pain, soft tissue problems (including muscles, tendons and ligaments).	187	1-3	181	96,8
07	<b>Ankylosing Spondylitis</b> – Inflammation of the joints of the spine eventually leading to rigidity of the spine.	40	1-2	38	95,0
08	<b>Gout</b>	26	1	26	100
09	<b>Chronic Bronchitis</b>	37	1-2	37	100
10	<b>Asthma</b>	12	2	11	91,7
11	<b>Chronic Tonsillitis</b>	7	1	7	100
12	<b>Chronic Otitis</b> – chronic inflammation of the ear	8	1	8	100
13	<b>Ischaemic Heart Disease</b> - Result of an imbalance between the supply of oxygen (and other essential nutrients) and heart muscle's demands for these substances. Or dysfunction of vessels of heart muscles. Or deficiency of blood supply to the heart muscle, due to obstruction or constriction of the coronary (the arteries that supply the heart muscle) arteries.	14	1-2	12	90,5
	Risk factors: Hyperlipidaemia, Cigarette smoking, Hypertension, Diabetes mellitus). (expl: angina pectoris (heart attack).)				
14	<b>Chronic Cardiac Insufficiency</b> – Insufficiency of the heart muscle or function (heart failure – inability of the heart to pump blood at an adequate rate to fill tissue metabolic requirements or the ability to do so only at an elevated filling pressure).	11	1-2	9	81,8
15	<b>Cardiac Arrhythmias</b> – any variation from the normal rhythm of the heartbeat.	12	1-2	10	83,0
16	<b>Myocarditis</b> - Inflammation of the heart	30	1-3	26	87

	muscle				
17	<b>Hypertension</b> - high blood pressure.	120	1-2	85	71
18	<b>Chronic Gastritis</b> – chronic inflammation of the stomach	105	1-2	101	97
19	<b>Chronic Duodenitis</b> – chronic inflammation of the duodenum	29	1	29	100
20	<b>Peptic Ulcer Diseases</b> – ulcers in the stomach and duodenum	75	1-2	75	100
21	<b>Chronic Colitis</b> – chronic inflammation of the large intestine	6	1	5	83,3
22	<b>Chronic Hepatitis</b> – inflammation of the liver, caused by virus infection, many drugs, and various chemicals including alcohol.	58	1-2	58	100
23	<b>Chronic Cholecystitis</b> – chronic inflammation of the gallbladder.	84	1-2	84	100
24	<b>Biliary Ducts Dyskinesia</b> – Derangement of the filling and emptying mechanism of the gallbladder	52	2	52	100
25	<b>Cholelithiasis</b> - stones in the gallbladder or biliary tract	15	1-2	13	86,7
26	<b>Chronic Pancreatitis</b> – chronic inflammation of the pancreas	49	1	49	100
27	<b>Pyelonephritis</b> – inflammation of the kidney and its pelvis, due to bacterial infection	26	2	26	100
28	<b>Prostatitis</b> - inflammation of the prostate	70	2	70	100
29	<b>Adenoma Prostate Gland</b>	12	3	10	83
30	<b>Cystitis</b> - inflammation of the urinary bladder	15	1	13	87,0
31	<b>Nephrolithiasis</b> - stones of the kidney.	42	2	42	100
32	<b>Hydronephrosis</b> – distension of the pelvis of the kidney with greater or lesser destruction of kidney tissue and loss of function	2	2	2	100
33	<b>Diabetes Mellitus</b> - "sugar" diabetes.	31	1-2	31	100
34	<b>Disorders of the Thyroid Gland</b>	73	1	63	86,3
35	<b>Adrenocortical Insufficiency</b> – Insufficiency of the adrenal glands.	21	1-2	13	61,9
36	<b>Mastopathy</b> -disease of mammary gland	18	2-3	15	83,0
37	<b>Gynaecologic Diseases</b>	54	1	50	93
38	<b>Skin Diseases</b>	9	1-2	7	78
		1516		1286	90,1

1,066 patients were involved in the clinical trial and stable, positive results were

registered in 92.5% of cases. Many thousands of patients have been treated during the last 6 years. No side-effects were encountered. More over, every patient's general health was improved significantly, regardless of the type of treatment received.

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