

Scoliosis Is a Cause of Disturbances in the Functioning of the Body



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Submission: February 29, 2024; **Published:** March 20, 2024

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Opinion

The doctor thinks that he knows what flat feet are, but will not tell the reason for its development, and therefore how to eliminate it. The successes of modern orthopedics can be judged by statistics indicating that over the past 50-60 years, flat feet have been diagnosed in more than 95% of the population of developed countries of the world, where the service for the production of individual insoles is widely developed. Some call them orthopedic, others call them comfortable, but all of them do not belong to medical devices. There is no understanding that every person has an anatomical difference in leg lengths, from which all types of deformities of the arches of the feet begin, the formation of scoliotic posture. Thus, the central nervous system and unconditioned reflexes solve the problem of compensating for this difference, maintaining a stable vertical position of the body. If the doctor understands this relationship mechanism, he will not straighten the spine or replace worn-out bones in the leg joints but will first compensate for the shortening of the limb. This is a difficult task for a doctor who does not have mechanical knowledge. It is impossible to determine the numerical values of the displacement of bones in each of the joints that arose as a result of the work of unconditioned reflexes. Your actions will contradict this work and harm the self-regulating system. Without understanding this, without knowing how to compensate for the anatomical component of shortening and eliminate scoliosis, the doctor makes his next mistake. He treats us without eliminating scoliosis. Maybe all this is explained by the fact that medicine is not a science. And how can a person, with all the amount of knowledge he has, be a doctor of a self-regulating organism?

Physiology indicates that skeletal muscles are responsible for the metabolic processes of the body's cells, and their pumping function is disrupted due to deformations in the structures of the musculoskeletal frame of the body. It is obvious that the restoration of the metabolic processes of the body's cells must begin with the elimination of these deformations. But how to eliminate deformations of the arches of the feet, taking into account the existing anatomical and functional difference in the lengths of the

limbs, how to bring the arches to a neutral position so that the central nervous system, its unconditioned reflexes, bring all the structures of the skeleton to the level of the head and vestibular apparatus into a vertical position, this is the task biomechanics. But this is not taught in medical universities or where engineers are trained as mechanics. The materials presented are based on 60 years of practical and scientific experience in the field of foot correction using the hydrostatic method. Today it can be argued that hydrostatic correction of the feet is a process of correction of the entire musculoskeletal framework of the entire body, restoration of the metabolic processes of the body's cells, which is the therapy of a self-regulating organism. The root cause of all deformities should be seen in the anatomical difference in leg lengths (Han) and the resulting functional displacements (Hfun) in the joints, which are eliminated by the hydrostatic method and insoles and podo-correctors. This is the reason for the development of foot deformities and associated diseases of the body (Figure 1).

The total difference in leg lengths can be described by the following formula:

$$H_{sum} = H_{an} + H_{fun}$$

This total difference occurs in a standing position and is determined while standing on a hydrostatic platform of communicating vessels. A similar method is widely used in construction and other technology to determine the position of an object. Depending on the magnitude of the total shortening and muscle tone, the spine at the level of the first mobile vertebrae after the sacrum (L3-L6) turns and deviates towards the long or short limb. Therefore, the actual anatomical shortening will be greater or less than the measured value.

$$H_{an} = H_{sum} - H_{fun}$$

This is how C-shaped or S-shaped scoliosis is formed. Eliminating scoliosis means eliminating the This is how C-shaped or S-shaped scoliosis is formed. Eliminating scoliosis means eliminating the functional and then the anatomical difference

in leg lengths. To do this, you need to correctly correct the arches of your feet with the insole, and then compensate for the anatomical component of the difference in leg lengths (Figure 2). This is done on insoles placed on the diaphragms of the hydraulic system measuring device. In this position, standing as if on the plates of a scale, the anatomical component of the shortening is determined and compensated. Only half of the measured difference is compensated. One limb rises, the other falls by the same amount. Only after this, standing on the CN podo-correctors, the system brings all the joints of the skeleton and the spine into a symmetrically loaded position relative to the vertical axis of the body (Figure 3). Thus, without contradicting the work of the central nervous system, the problem of correcting

the musculoskeletal frame of the body, restoring arterial blood flow, metabolic processes of the body's cells, which is its therapy, is solved. Every time you carry out a functional correction of the feet, observing the disappearance of scoliotic posture, you are amazed at how interconnected all the processes in the body are and what is the decisive role of the muscular frame in this (Figure 4). The objective process of testing these processes shows how normalization of posture leads to stabilization of the functioning of all body systems (Figure 5). All this suggests the idea that the work of orthopedists in the processes of rehabilitation of the body is underestimated and that any therapy should begin with the correction of the musculoskeletal frame of the body..



Figure 1

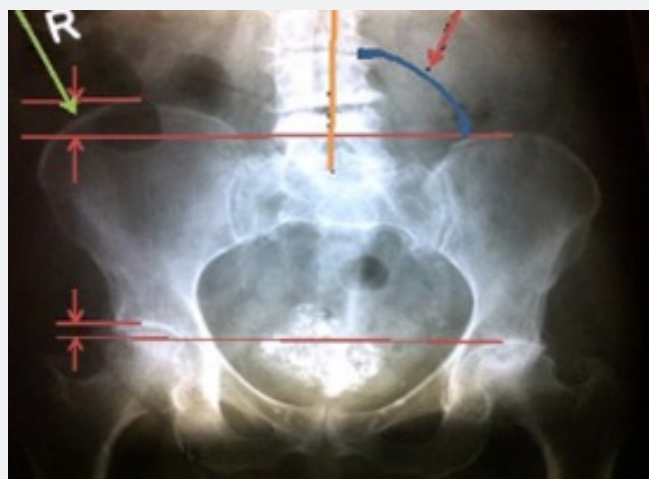


Figure 2

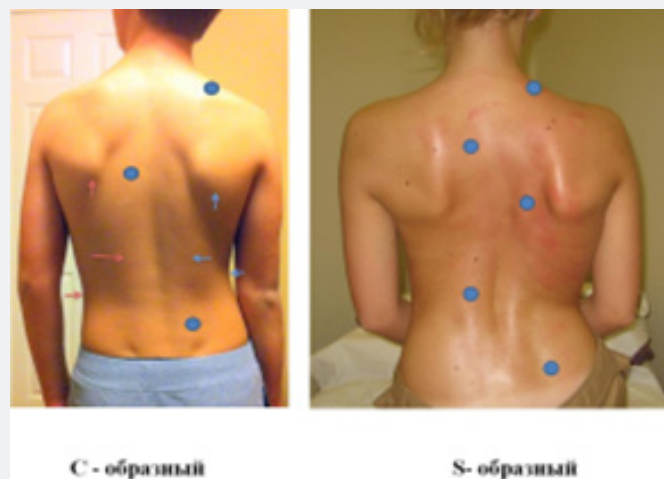


Figure 3



Figure 4

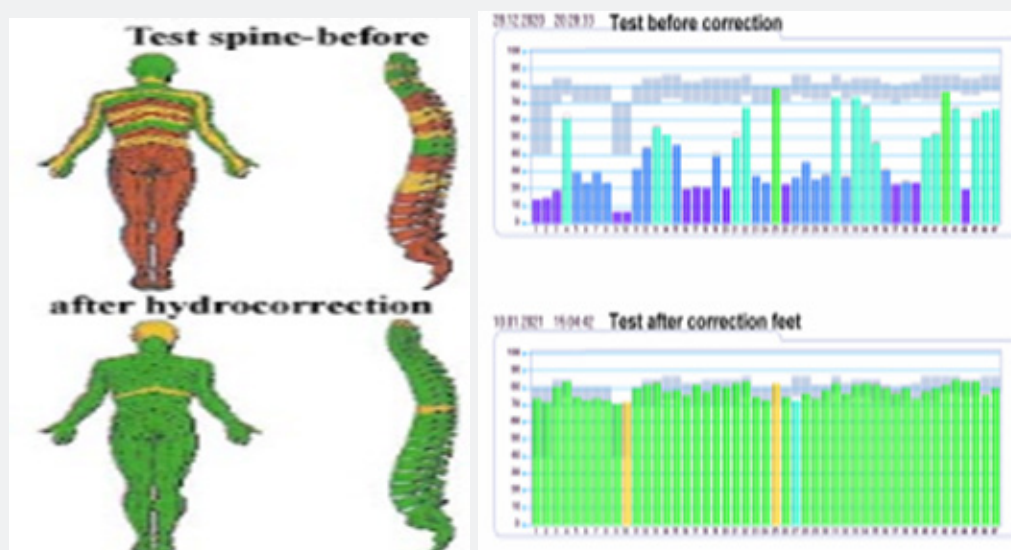


Figure 5



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DOI: [10.19080/OROAJ.2024.22.556101](https://doi.org/10.19080/OROAJ.2024.22.556101)

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