

**THERMAL IMAGING IN THE COMPREHENSIVE HEALTH ASSESSMENT OF
YOUTH FOOTBALL PLAYERS OF DIFFERENT AGE GROUPS (PRELIMINARY
RESULTS)**

Volovik M.G., Dolgov I.M., Vorobyova O.V., Kuznetsov A.N.

ABSTRACT. *Within the framework of a project dedicated to substantiating approaches to additional professional education for children in the field of physical culture and sports, the method of thermal imaging was applied as part of a set of examination techniques for children of different ages engaged in football. In a sample of 201 male football players, five types of thermographic abnormalities were recorded, and their correlations with biographical-anthropological, biomechanical, and electrocardiographic measurements were identified. A differentiated analysis across three age groups (7–10, 11–14, and 15–18 years) revealed varying prevalence of thermal anomalies, reflecting the degree of adaptation and potential risks to the musculoskeletal and circulatory systems depending on age and sports experience.*

Keywords: *school-age children, health, sports games, football, thermal imaging*

**THE IMPACT OF REGULAR PHYSICAL ACTIVITY ON THE MENTAL STATE
OF STUDENT**

Zarubina A.V., Mironova A.P., Shchegoleva M. A.

ABSTRACT. *Student years are not only a time of knowledge and discoveries, but also a period of colossal ideas. As a result, anxiety, stress and emotional burnout become frequent companions of students. In search of a solution, more and more attention is paid to methods of maintaining mental health, among which physical activity occupies one of the leading places. In this study, we conducted an anonymous survey among 100 full-time students of the University named after K. E. Tsiolkovsky using a specially developed questionnaire that allows us to assess various aspects of the influence of physical activity on mental state. The survey results show that physical activity is perceived by students as a highly effective way to maintain and improve mental health in the context of academic stress. The positive impact covers a wide range of aspects: from emotional state to cognitive functions and self-esteem. The main factor for students to adapt to regular physical activity is the lack of time. The main obstacle to engaging students in regular physical activity is the lack of time. To overcome this and other barriers, targeted and systematic efforts are needed from the higher education institution.*

Keywords: *students, mental health, physical activity, stress, anxiety, mood, cognitive function, self-esteem, academic performance.*

MOTIVATION STRATEGIES FOR ENGAGING YOUTH IN PHYSICAL CULTURE

Vasyuchenkova M. V., Shirokova E. A.

ABSTRACT. *The article examines modern motivational strategies aimed at increasing the involvement of young people in systematic physical education classes. Based on the analysis of scientific literature and sociological research data, key factors influencing the motivation of young people are identified. Practical recommendations for optimizing physical education and health work in educational institutions and sports organizations are offered.*

Keywords: *motivation, physical education, youth, healthy lifestyle, physical activity*

ON THE ISSUE OF INTERDISCIPLINARITY IN THE CONTEXT OF ACCESSIBLE SPORTS ACTIVITIES IN A HOSPITAL SCHOOL SETTING

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ABSTRACT. *The article is devoted to the topic of accessible sports at classes with children undergoing long-term hospital treatment. The interdisciplinary nature of classes within the scope of additional education in the hospital school is considered. A typology of letter games has been developed, taking into account the individual special needs of children, is adduced. Attention is paid to interdisciplinary interaction with tutor colleagues and parents in order to enrich the educational environment of the hospital school.*

Keywords: *hospital pedagogy, hospital school, interdisciplinarity, additional education, tutor, gamification, letter games, accessible sport, intellectual sport.*

FEATURES OF PSYCHOLOGICAL AND EDUCATIONAL DIAGNOSTICS OF CHILDREN IN A HOSPITAL SCHOOL

Babenkov N.D., Brilliantova A.A.

ABSTRACT: *This article examines the organization and implementation of psychological and pedagogical assessments for children undergoing long-term treatment in a hospital school by specialists from the psychological, pedagogical, and social support service.*

Keywords: *psychological and educational diagnostics, hospital school, long-term treatment, psychological, educational and social support service.*

DEVELOPMENTAL EDUCATION TECHNOLOGY IN THE PRACTICE OF HOSPITAL SCHOOLS: A CASE STUDY OF 5TH GRADE LITERATURE LESSONS

Zaretskaya A. A.

ABSTRACT. *This article argues for the feasibility of implementing developmental education technology in literature instruction within the context of hospital schools. It describes the experience of organizing learning activities in group sessions using distance learning technologies in 5th grade. The effectiveness of the pedagogical methods employed in enhancing student motivation and developing reading literacy is substantiated. This research is particularly relevant due to the characteristic decline in academic motivation during early adolescence, necessitating the exploration of novel educational practices.*

Key words: *hospital pedagogy, adolescents undergoing long-term medical treatment, developmental education, reading literacy.*

SPIRITUAL AND MORAL EDUCATION OF STUDENTS OF THE “WE TEACH/ THEY LEARN” PROJECT OF HOSPITAL SCHOOLS OF RUSSIA THROUGH UNDERSTANDING THE FEELING OF MERCY AS A WAY TO FULL EVOLUTION OF THE PERSONALITY

Doluev I.Y., Levchenkova A.S., Filatov A.A.

ABSTRACT. *This article examines the aspect of personal development of students undergoing difficult and long-term treatment in a hospital setting, in the process of comprehending their own culture and the history of the people. It discusses mercy as a constant in the Russian linguistic picture of the world, demonstrated by the Soviet people during the Great Patriotic War. An analysis of lyrical and prose works of small peoples of Russia in the 20th century, and front-line letters is provided. The article presents lessons in the Russian language “The Great Patriotic War: Goodness and Mercy”, developed for the regions of the Russian Federation and the Republic of Uzbekistan based on the analyzed material, aimed at patriotic education of students undergoing difficult and long-term treatment, their socialization and axiological development through linguacultural analysis.*

Key words: *child undergoing long-term treatment, hospital school, hospital pedagogy, Russian culture, Russian language, national identity, personal development, speech education, axiological education, value-oriented approach, Great Patriotic War, mercy.*

AN INDIVIDUAL APPROACH IN PHYSICS LESSONS AT THE HOSPITAL SCHOOL

Medvedeva A.S.

ABSTRACT. *When studying in hospital school, the individual characteristics and needs of students should be taken into account. For this purpose, it is proposed to create individual educational trajectories and routes. The article discusses these concepts, their features, similarities and differences. Using the example of teaching physics, two examples of individual student routes that take into account the characteristics and interests of children are presented.*

Keywords: *individual educational route, individualization, hospital school, children undergoing long-term treatment.*

THE METHOD OF FAIRY TALE THERAPY AS A TOOL FOR INTERDISCIPLINARY INTERACTION IN WORKING WITH PRESCHOOL CHILDREN WHO ARE UNDERGOING LONG-TERM TREATMENT

Shelia S.B., Zamyshliaeva Yu. P.

ABSTRACT. *The article describes the features of interdisciplinary interaction between the teacher-psychologist and the preschool teacher within the “We Teach/They Learn” project of hospital schools of Russia. The potential of fairy tale therapy as an effective method of working with preschool children undergoing long-term treatment is considered. The use of fairy tale therapy during the period of preschoolers’ adaptation to a medical institution allows for the simultaneous solution of problems of psychological and pedagogical correction and the creation of comfortable conditions for the child’s personality development.*

Keywords: *interdisciplinary approach, fairy tale therapy, interaction, preschool age, children undergoing long-term treatment.*

ChatGPT’s Potential for Personalizing Education in Hospital School Settings

Shiryaev S. D., Lobanov A. V.

ABSTRACT. *This article explores the specifics of personalizing education for children undergoing long-term medical treatment in a hospital school setting, utilizing generative artificial intelligence technology – ChatGPT. The study examines the development and dynamic adjustment of Individual Educational Routes (IERs) tailored to students’ psychological status, treatment*

protocol specifics, and personal interests. Specific examples of constructing personalized learning materials using ChatGPT technology are provided.

Keywords: *hospital school, students with disabilities, individualization of education, artificial intelligence (AI), ChatGPT*

Changes in the development of modern teaching practices in higher professional education in Russia, China and Japan

Zhou Sumen

ABSTRACT. *This article is devoted to the peculiarities of changes in teaching practice in the higher professional education system of three countries: Russia and China. Japan.*

Keywords: *higher professional education, comparative pedagogy, teaching, educational development.*