



Mechanisms for Introducing Rehabilitation Physical Training in the Teaching of Physical Education in Colleges and Universities

Zimeng Yang, Hongyong Jung

Department of Taekwondo, Art, Design, & Physical Education, Chosun University, Gwangju 61452, Republic of Korea

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Abstract: With the development of modern educational concepts, physical education in colleges and universities increasingly emphasizes the overall development of students' physical fitness. Rehabilitation physical training emphasizes more attention to students' recovery after exercise in addition to traditional sports activities. This paper analyzes the necessity of introducing rehabilitation physical training in college physical education teaching, combines the practice of college physical education teaching, and discusses in depth the strategy of introducing rehabilitation physical training in college physical education.

Keywords: high school sports; rehabilitation physical training; introduction of mechanisms

1. Introduction

The effective integration of rehabilitation physical training in college sports teaching is a positive response to the modern education concept. When teachers introduce rehabilitation physical training, they need to ensure that the training methods match the actual needs of students, while maintaining the scientific nature of teaching. Through rehabilitation physical training, students can obtain more comprehensive physical development, which will have a profound impact on their future physiological health. Therefore, building a teaching system that includes rehabilitation physical training can not only strengthen students' physical fitness, but also deepen their understanding of a healthy lifestyle.

2. The necessity of introducing rehabilitation physical fitness training in college physical education

2.1 Compliance with curriculum reform standards

In the field of higher education, the reform of physical education program is an inevitable choice to adapt to the development of the times. The introduction of rehabilitation physical training precisely meets this reform standard, which emphasizes the importance of the overall development of students' physical functions and significantly improves the quality of physical education teaching. Rehabilitation physical training has gradually become a trend in the international education system, emphasizing the prevention of injuries, the restoration of body functions, and the improvement of the body's self-healing ability, and its core value coincides with the direction of the current education reform in colleges and universities. The introduction of rehabilitation physical training can make the course content richer and the teaching method more scientific, while enhancing students' experience and promoting their overall healthy development. In addition, with the increasing concern for health issues in society, students' physical health directly affects their learning efficiency. Rehabilitation physical training provides students with a systematic physical maintenance program, so that when they face high-intensity learning, they can effectively adjust their own physical condition to avoid health problems affecting their studies[1].

2.2 Meet the requirements for optimizing the physical fitness of students

The diverse living environments of students in higher education often result in a low subjective interest in physical activity and sport. This lack of interest, without effective intervention, may lead to long-term neglect of physical activity by students, thus affecting their physical health. Students are often faced with the problem of methodological choices in the practice of physical education and sport. Many students may adopt unscientific training methods due to the lack of proper physical training guidance, which not only makes it difficult to achieve exercise results, but may even result in sports injuries. In this context, the introduction of rehabilitation physical training can provide students with professional and scientific sports training methods, which can not only reduce sports injuries, but also effectively improve physical fitness. Rehabilitation physical training is not only a remedial measure, but also a preventive strategy. Rehabilitation physical training ensures that every student can do physical exercise within a safe range through personalized training plans, while adjusting the training

content according to the individual's physical state, making the training more targeted. In addition, rehabilitation physical training can also increase students' interest in sports, thus stimulating students' enthusiasm to actively participate in sports, which helps to cultivate students' long-term exercise habits. The implementation of rehabilitation physical training will help build a comprehensive sports health support system and create a positive sports culture. With the improvement of students' sports ability, the quality of life of the entire student body will also be improved, thus effectively promoting the overall development of students.

2.3 Responding to the subjective will of students

Contemporary students are increasingly inclined to engage in physical activities that can directly impact their daily lives, and rehabilitation physical training, with its focus on the restoration of bodily functions, fulfills a deeper need for health management. The rehabilitation physical training approach provides a highly practical form of sports participation that emphasizes the active management of individual health, which is compatible with students' psychological characteristics of pursuing a sense of control. In addition, the introduction of rehabilitation physical training reflects teachers' positive response to students' needs and shows a dynamic adjustment between educational content and students' expectations. Rehabilitation physical training enhances students' sense of participation and enables them to realize self-expression in physical activities. By participating in training where everyone can feel the progress, students' motivation is significantly increased. Rehabilitation physical training not only enhances students' physical health, but also stimulates a lasting interest in physical activity. In implementing rehabilitation physical training, teachers can better understand the physical education needs of their students and thus design teaching strategies that are more in line with students' expectations. Such strategies are adaptable and can provide customized health solutions for students with different needs. Therefore, rehabilitation physical training is not only an improvement of teaching content, but also an innovation of educational methods, which makes physical education more humanized and closer to the actual needs of students' lives.

3. Strategies for Introducing Rehabilitation Fitness Training in High School Sports

3.1 Integration of rehabilitation physical training in the classroom

Incorporating rehabilitation fitness training into higher education physical education courses aims to enhance students' physical functioning and optimize their fitness. This strategy requires careful consideration at multiple levels, including curriculum design, to ensure effective integration with the existing teaching system. The integration of rehabilitation physical training in the classroom requires teachers to have a deep understanding of the importance of rehabilitation physical training, which will have a direct impact on the construction of course content and the choice of teaching methods. The design of course content should emphasize the complementarity between rehabilitation physical training and traditional physical education. When establishing the course objectives, it should be clear how rehabilitation physical training can help students improve their physical functions, prevent sports injuries and promote overall health. In terms of teaching methods, teachers can use a combination of theory and practice to help students understand the long-term impact of rehabilitation physical training on personal health. Teachers need to adjust the teaching plan according to the specific physical condition of the students to ensure that each student can train in a safe environment, so as to maximize the benefits of rehabilitation physical training. To enhance the effectiveness of this training, schools should provide the necessary resources such as specialized training equipment. Teachers need to regularly pursue further training related to rehabilitation physical training so that they can accurately grasp the latest rehabilitation training methods and enhance the professionalism of their teaching. In the implementation process, active student participation is the key to successful integration of rehabilitation physical training. Teachers should stimulate student interest through dynamic teaching strategies. This includes setting clear learning objectives, providing regular feedback, and encouraging students to actively voice their opinions during the course. Through such interaction and participation, students can gain a deeper understanding of the value of rehabilitation physical training, more actively apply what they learn to their daily lives, and promote a sense of self-health management[2].

3.2 Extra-curricular Extended Rehabilitation Physical Training

The physical rehabilitation approach provides students with more independent learning opportunities outside of the classroom, enabling them to personalize their physical rehabilitation according to their individual needs. Teachers adopt this approach so that students can better understand the skills of physical rehabilitation training and integrate what they have learned with the actual situation, thus more effectively promoting their own health development. The key to implementing extracurricular rehabilitation physical training lies in the provision of training facilities, professional guidance and other appropriate resources. Schools can set up special rehabilitation physical fitness centers, equipped with professional training

equipment, to provide students with scientific and systematic training guidance. By organizing workshops, lectures and group discussions related to rehabilitation and physical fitness, students can deepen their understanding of the importance of this training and stimulate their interest in learning. Another important aspect of extracurricular extension training is to strengthen students' sense of responsibility. Under this mode of training, students need to set their own training goals and regularly evaluate their own training effectiveness. This process of self-management helps to improve students' physical fitness. Teachers use this approach to enable students to consistently apply rehabilitation physical training methods in their daily lives, thus achieving long-term maintenance of a healthy lifestyle.

3.3 Mastering Rehabilitation Fitness Training Techniques

Rehabilitation physical training emphasizes science and aims to effectively promote the recovery of students' physical functions, a process that requires a well-designed training program. Teachers need to ensure that they have some practical experience in rehabilitation physical training. This requires teachers to understand the applicability of different training techniques and to design appropriate training methods for different physical demands. Teachers should help students master the correct training methods through detailed instructions, avoiding incorrect operation during training and ensuring that the training effect is maximized. Effective feedback mechanism can help students adjust the training method in time and continuously optimize the training effect[3]. When students learn rehabilitation physical training skills, they should pay attention to the cultivation of basic skills such as postural adjustment and breathing skills. The mastery of these skills can enhance the safety of training, but also promote the students' ability to perceive their own physical state. With the improvement of skills, students can gradually participate in more complex training to further strengthen their physical fitness and adaptability. Continuous learning motivation is also key throughout the training process. Teachers should help students develop a long-term interest in learning through motivation. This intrinsic motivation will guide students to continue to explore the knowledge of rehabilitation physical training, enabling them to independently improve their fitness status in the future[4].

4. Conclusion

The introduction of rehabilitation physical training has brought innovation to physical education teaching in colleges and universities, effectively enhancing students' health management ability through the combination of inside and outside the classroom and the refined teaching of skills. Practice shows that rehabilitation physical training not only meets students' physical education needs, but also promotes students' awareness of healthy lifestyles. In the future, colleges and universities should continue to optimize the teaching strategies of rehabilitation physical training in order to adapt to the trend of educational development and provide solid support for the overall development of students.

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